Ohlasy / Citations, reviews

Department: SAVELEK - Elektrotechnický ústav SAV
Date of citation, review: 2011~2014

Citations, reviews

Citations in Web of Science Core Collection (1.1, 2.1)	3336
Citations in SCOPUS (1.2, 2.2)	301
Citations in other citation indexes and databases (not listed above) (3.2, 4.2, 9, 10)	16
Other citations (not listed above) (3, 4, 3.1, 4.1)	22
Reviews (5, 6)	0
Count	**3675**

ABC Chapters in scientific monographs published abroad

ABC01 GÖMÖRY, Fedor. Responses of high Tc superconductors to various combinations of SC and DC fields. In *Magnetic susceptibility of superconductors and other spin systems*. - New York : Plenum Press Ltd., 1991, p. 289.

Ohlasy:

[1.1] KIRSCH, S. - FAGNARD, J.F. - VANDERBEMDEN, P. - VANDERHEYDEN, B. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. NOV 2013, vol. 26, no. 11., WOS

ADCA Scientific papers in foreign journals registered in Current Contents Connect with IF (impacted)

ADCA01 AARIK, J. - HUDEC, Boris - HUŠEKOVÁ, Kristína - RAMMULA, R. - KASIKOV, A. - ARROVAL, T. - UUSTARE, T. - FRÖHLICH, Karol. Atomic layer deposition of high-permitivity TiO2 dielectrics with leakage current on RuO2 in TiCl4-based processes. In *Semiconductor Science and Technology*, 2012, vol. 27, 074007. (1.723 - IF2011). (2012 - Current Contents). ISSN 0268-1242.

Ohlasy:

[1.1] SWERTS, J. - POPOVICI, M. - KACZER, B. - AOULAICHE, M. - REDOLFI, A. - CLIMA, S. - CAILLAT, C. - WANG, W.C. - AFANAS'EV, V.V. - JOURDAN, N. - OLK, C. - HODY, H. - VAN ELSHOCHT, S. - JURCZAK, M. In IEEE ELECTRON DEVICE LETTERS. JUL 2014, vol. 35, no. 7, p. 753-755., WOS

ADCA02 AARIK, J. - ARROVAL, T. - AARIK, L. - RAMMULA, R. - KASIKOV, A. - MÄNDAR, H. - HUDEC, Boris - HUŠEKOVÁ, Kristína - FRÖHLICH, Karol. Atomic layer deposition of rutile-phase TiO2 on RuO2 from TiCl4 and O3: Growth of high-permittivity dielectrics with low leakage current. In *Journal of Crystal*

Growth, 2013, vol. 382, p. 61-66. (1.552 - IF2012). (2013 - Current Contents). ISSN 0022-0248.

Ohlasy:

[1.1] JEON, W. - YOO, S. - KIM, H.K. - LEE, W. - AN, C.H. - CHUNG, M.J. - CHO, C.J. - KIM, S.K. - HWANG, C.S. In ACS APPLIED MATERIALS & INTERFACES. DEC 20 2014, vol. 6, no. 23, p. 21632-21637., WOS

[1.1] LECOQ, E. - GUILLOT, J. - DUDAY, D. - CHEMIN, J.B. - CHOQUET, P. In JOURNAL OF PHYSICS D-APPLIED PHYSICS. MAY 14 2014, vol. 47, no. 19., WOS

ADCA03 ABERMANN, S. - POZZOVIVO, G. - KUZMÍK, Ján - OSTERMAIER, C. - HENKEL, C. - BETHGE, O. - STRASSER, G. - POGANY, D. - CARLIN, J.-F. - GRANDJEAN, N. - BERTAGNOLLI, E. Current collapse reduction in InAlN/GaN MOS HEMTs by in situ surface pre-treatment and atomic layer deposition of ZrO2 high-k gate dielectrics. In *Electronics Letters*, 2009, vol. 45, p. 570-572. (1.140 - IF2008). (2009 - Current Contents). ISSN 0013-5194.

Ohlasy:

[1.1] HATANO, M. - TANIGUCHI, Y. - KODAMA, S. - TOKUDA, H. - KUZUHARA, M. In APPLIED PHYSICS EXPRESS. APR 2014, vol. 7, no. 4., WOS

[1.1] LEE, K.W. - LIN, H.C. - LEE, F.M. - CHEN, W.S. - WANG, Y.H. In ELECTROCHEMICAL AND SOLID STATE LETTERS. 2011, vol. 14, no. 2, p. H73-H75., WOS

[1.1] MIIKKULAINEN, V. - LESKELA, M. - RITALA, M. - PUURUNEN, R.L. In JOURNAL OF APPLIED PHYSICS. JAN 14 2013, vol. 113, no. 2., WOS

[1.1] TIAN, B.L. - CHEN, C. - LI, Y.R. - ZHANG, W.L. - LIU, X.Z. In CHINESE PHYSICS B. DEC 2012, vol. 21, no. 12., WOS

[1.1] TIAN, B.L. - CHEN, C. - ZHANG, J.H. - ZHANG, W.L. - LIU, X.Z. In CHINESE PHYSICS LETTERS. FEB 2013, vol. 30, no. 2., WOS

[1.1] YE, G. - WANG, H. - ARULKUMARAN, S. - NG, G.I. - HOFSTETTER, R. - LI, Y. - ANAND, M.J. - ANG, K.S. - MAUNG, Y.K.T. - FOO, S.C. In APPLIED PHYSICS LETTERS. SEP 30 2013, vol. 103, no. 14., WOS

[1.1] YE, G. - WANG, H. - NG, S. L. G. - JI, R. - ARULKUMARAN, S. - NG, G. I. - LI, Y. - LIU, Z.H. - ANG, K. S. In APPLIED PHYSICS LETTERS. OCT 13 2014, vol. 105, no. 15., WOS

[1.1] YE, G. - WANG, H. - ARULKUMARAN, S. - NG, G. I. - LI, Y. - LIU, Z. H.- ANG, K. S. In APPLIED PHYSICS LETTERS. JUL 14 2014, vol. 105, no. 2., WOS

ADCA04 ABERMANN, S. - POZZOVIVO, G. - KUZMÍK, Ján - STRASSER, G. - POGANY, D. - CARLIN, J.-F. - GRANDJEAN, N. - BERTAGNOLLI, E. MOCVD of HfO2 and ZrO2 high-k gate dielectrics for InAlN/AlN/GaN MOS-HEMTs. In *Semiconductor Science and Technology*, 2007, vol. 22, p. 1272-1275. (1.590 - IF2006). (2007 - Current Contents). ISSN 0268-1242.

Ohlasy:

[1.1] BERA, M. K. - LIU, Y. - KYAW, L. M. - NGOO, Y. J. - SINGH, S. P. - CHOR, E. F. In ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY. 2014, vol. 3, no. 6, p. Q120-Q126., WOS

[1.1] BERA, M.K. - LIU, Y. - KYAW, L.M. - NGOO, Y.J. - CHOR, E.F. In WIDE-BANDGAP SEMICONDUCTOR MATERIALS AND DEVICES 14. 2013, vol. 53, no. 2, p. 65-74., WOS
[1.1] EICKELKAMP, M. - WEINGARTEN, M. - KHOSHROO, L.R. - KETTENISS, N. - BEHMENBURG, H. - HEUKEN, M. - KALISCH, H. - JANSEN, R.H. - VESCAN, A. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 8, NO 7-8. 2011, vol. 8, no. 7-8., WOS
[1.1] GROS-JEAN, M. - BOUVET, P. - GRAOUI, H. - CHU, D. - LARRNAGNAC, D. In THIN SOLID FILMS. JAN 31 2012, vol. 520, no. 7, p. 2594-2599., WOS
[1.1] HAHN, H. - ALAM, A. - HEUKEN, M. - KALISCH, H. - VESCAN, A. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. JUN 2012, vol. 27, no. 6., WOS
[1.1] CHOU, B.-Y. - LIU, H.-Y. - HSU, W.-C. - LEE, C.-S. - WU, Y.-S. - YAO, E.-P. In 2014 INTERNATIONAL CONFERENCE ON INFORMATION SCIENCE, ELECTRONICS AND ELECTRICAL ENGINEERING (ISEEE), VOLS 1-3. 2014, p. 976-980., WOS
[1.1] KAMBAYASHI, H. - NOMURA, T. - UEDA, H. - HARADA, K. - MOROZUMI, Y. - HASEBE, K. - TERAMOTO, A. - SUGAWA, S. - OHMI, T. In JAPANESE JOURNAL OF APPLIED PHYSICS. APR 2013, vol. 52, no. 4, 2, SI., WOS
[1.1] KORDOS, P. - MIKULICS, M. - STOKLAS, R. - CICO, K. - DADGAR, A. - GRUTZMACHER, D. - KROST, A. In JOURNAL OF ELECTRONIC MATERIALS. NOV 2012, vol. 41, no. 11, p. 3013-3016., WOS
[1.1] KUBO, T. - FREEDSMAN, J. J. - IWATA, Y. - EGAWA, T. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. APR 2014, vol. 29, no. 4., WOS
[1.1] LEE, C.S. - LIN, M.Y. - CHOU, B.Y. - HSU, W.C. - LIU, H.Y. - HO, C.S. - LAI, Y.N. In ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY. 2012, vol. 1, no. 1, p. Q1-Q5., WOS
[1.1] LEE, Y.-C. - KAO, T.-T. - MEROLA, J. J. - SHEN, S.-C. In IEEE TRANSACTIONS ON ELECTRON DEVICES. FEB 2014, vol. 61, no. 2, SI, p. 493-497., WOS
[1.1] MIZUE, C. - HORI, Y. - MICZEK, M. - HASHIZUME, T. In JAPANESE JOURNAL OF APPLIED PHYSICS. FEB 2011, vol. 50, no. 2., WOS
[1.1] NANDI, S.K. - DUTTA, B.G. - MAHATO, S.S. In INDIAN VACUUM SOCIETY SYMPOSIUM ON THIN FILMS: SCIENCE & TECHNOLOGY. 2012, vol. 1451, p. 209-211., WOS
[1.1] OWEN, M. H.S. - BHUIYAN, M. A. - ZHANG, Z. - PAN, J.S. - TOK, E. S. - YEO, Y.-C. In APPLIED PHYSICS LETTERS. JUL 21 2014, vol. 105, no. 3., WOS
[1.1] PARDESHI, H.M. - RAJ, G. - PATI, S. - MOHANKUMAR, N. - SARKAR, C.K. In SUPERLATTICES AND MICROSTRUCTURES. AUG 2013, vol. 60, p. 10-22., WOS
[1.1] PERGAMENT, A. In PHASE TRANSITIONS. 2011, vol. 84, no. 2, p. 103-109., WOS
[1.1] TIAN, B.L. - CHEN, C. - ZHANG, J.H. - LI, Y.R. - CHEN, Y.F. - LIU, X.Z. - ZHOU, J.J. - LI, L. - CHEN, C. In SEMICONDUCTOR SCIENCE AND

TECHNOLOGY. AUG 2011, vol. 26, no. 8., WOS

[1.1] VON HAUFF, P. - AFSHAR, A. - FOROUGHI-ABARI, A. - BOTHE, K. - CADIEN, K. - BARLAGE, D. In APPLIED PHYSICS LETTERS. JUN 24 2013, vol. 102, no. 25., WOS

[1.1] ZHAO, C. - ZHAO, C.Z. - WERNER, M. - TAYLOR, S. - CHALKER, P. In NANOSCALE RESEARCH LETTERS. NOV 1 2013, vol. 8., WOS

[1.2] Buzynin, A.N., Buzynin, Y.N., Panov, V.A. Advances in OptoElectronics (2012) 907560, SCOPUS

[1.2] Dutta, G., Das, P., Mukherjee, P., Biswas, D. In Journal of Nano- and Electronic Physics 3 (2011) (1 PART4) , pp. 728-740, SCOPUS

[1.2] Gu, G., Cai, Y., Feng, Z., Liu, B., Zeng, C., Yu, G., Dong, Z., Zhang, B. Journal of Semiconductors 33 (2012) , art. no. 064004, SCOPUS

[1.2] Pardeshi, H., Pati, S.K., Raj, G.,Mohankumar, N., Sarkar, C.K. Journal of Semiconductors 33 (2012) , art. no. 124001, SCOPUS

[1.2] Von Hauff, P., Bothe, K., Afshar, A., Foroughi-Abari, A., Barlage, D., Cadien, K.: 2012 International Conference on Compound Semiconductor Manufacturing Technology, CS MANTECH 2012 2012, 4p, SCOPUS

[1.2] Xie, S., Feng, Z.-H., Liu, B., Mao, L.-H., Zhang, S.-L. In Gongneng Cailiao/Journal of Functional Materials 42 (2011) (SUPPL. 5) , pp. 784-787, SCOPUS

ADCA05 ABRAHAMSEN, A.B. - JENSEN, B.B. - SEILER, Eugen - MIJATOVIC, N. - RODRIGUEZ-ZERMENO, V.M. - ANDERSEN, N.H. - OSTERGARD, J. Feasibility study of 5 MW superconducting wind turbine generator. In *Physica C. Superconductivity and its applicacions*, 2011, vol. 471, p. 1464-1469. (1.415 - IF2010). (2011 - Current Contents). ISSN 0921-4534.

Ohlasy:

[1.1] INOUE, M. - YAMAGUCHI, Y. - SAKAKIBARA, T. - IMAMURA, K. - HIGASHIKAWA, K. - KISS, T. - AWAJI, S. - WATANABE, K. - TOBITA, H. - YOSHIZUMI, M. - IZUMI, T. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 3., WOS

[1.1] MAJKIC, G. - YAO, Y. - LIU, J.G. - LIU, Y.H. - KHATRI, N.D. - SHI, T. - CHEN, Y.M. - GALSTYAN, E. - LEI, C.H. - SELVAMANICKAM, V. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 3., WOS

[1.1] SARMIENTO, G. - SANZ, S. - PUJANA, A. - MERINO, J.M. - ITURBE, R. - APINANIZ, S. - NARDELLI, D. - MARINO, I. In 11TH EUROPEAN CONFERENCE ON APPLIED SUPERCONDUCTIVITY (EUCAS2013), PTS 1-4. 2014, vol. 507., WOS

[1.1] SELVAMANICKAM, V. - YAO, Y. - CHEN, Y. - SHI, T. - LIU, Y. - KHATRI, N.D. - LIU, J. - LEI, C. - GALSTYAN, E. - MAJKIC, G. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. DEC 2012, vol. 25, no. 12., WOS

[1.1] SELVAMANICKAM, V. - CHEN, Y. - SHI, T. - LIU, Y. - KHATRI, N.D. - LIU, J. - YAO, Y. - XIONG, X. - LEI, C. - SOLOVEICHIK, S. - GALSTYAN, E. - MAJKIC, G. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAR 2013, vol. 26, no. 3., WOS

[1.1] SELVAMANICKAM, V. - XU, A. - LIU, Y. - KHATRI, N.D. - LEI, C. - CHEN, Y. - GALSTYAN, E. - MAJKIC, G. In SUPERCONDUCTOR

SCIENCE & TECHNOLOGY. MAY 2014, vol. 27, no. 5., WOS
[1.1] SOLOVYOV, V. - DIMITROV, I.K. - LI, Q. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JAN 2013, vol. 26, no. 1., WOS
[1.1] SOLOVYOV, V.F. - LI, Q. - RUPICH, M. - SATHYAMURTHY, S. - LI, X.P. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 3., WOS
[1.1] TANG, X. - HE, D. - ZHAO, Y. - GRIVEL, J.C. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. FEB 2014, vol. 24, no. 1., WOS
[1.1] TSUZUKI, K. - MOTOHIRO, M. - FELDER, B. - WATASAKI, M. - KASE, S. - SATO, R. - IZUMI, M. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 2., WOS
[1.1] WANG, J. - QU, R.H. - LIU, Y.Z. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 2., WOS
[1.1] WANG, J. - QU, R.H. - LIU, Y.Z. - LI, J. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2014, vol. 24, no. 3., WOS
[1.1] ZHANG, W.F. - XIA, D. - ZHANG, D. - ZHANG, G.M. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2014, vol. 24, no. 3., WOS
[1.2] Krüger, P.: Optimisation of Hysteretic Losses in High-Temperature Superconducting Wires. PhD Thesis Karlsruhe: KIT Sci Publ., 2014 ISBN 978-3-73150-185-5., SCOPUS
[1.2] Song, S., Lee, J., Lee, W.S., Jin, H., Hwang, Y.J., Ko, T.K.: Progress in Superconductivity and Cryogenics (PSAC) Vol. 16, (2014) 23-26., SCOPUS

ADCA06 AHORANTA, M. - LEHTONEN, J. - KOVÁČ, Pavol - HUŠEK, Imrich - MELIŠEK, Tibor. Effect of bending and tension on the voltage-current relation of Bi-2223/Ag. In *Physica C*, 2004, vol. 401, p. 241-245. (1.192 - IF2003). (2004 - Current Contents, WOS, SCOPUS). ISSN 0921-4534.
Ohlasy:
[1.1] HUANG, L.T. - YANG, J. - HAN, X.T. - LI, L. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2012, vol. 22, no. 3., WOS

ADCA07 AMIMER, K. - GEORGAKILAS, A. - ANDROULIDAKI, M. - TSAGARAKI, K. - PAVELESCU, M. - MIKROULIS, S. - CONSTANTINIDIS, G. - ARBIOL, J. - PEIRO, F. - CORNET, A. - CALAMIOTOU, M. - KUZMÍK, Ján - DAVYDOV, V.Y. Study of correlation between GaN material properties and the growth conditions of radio frequency plasma-assisted molecular beam epitaxy. In *Materials Science and Engineering*. B.Solid-State Materials for Advanced Technology, 2001, vol. 80, p. 304-308. (0.592 - IF2000). (2001 - Current Contents, SCOPUS). ISSN 0921-5107.
Ohlasy:
[1.1] JEON, H.C. - LEE, S.J. - KUMAR, S. - KANG, T.W. - LEE, N.H. - KIM, T.W. In JOURNAL OF THE KOREAN PHYSICAL SOCIETY. APR 2014, vol. 64, no. 8, p. 1128-1131., WOS

ADCA08 ARISTOV, V.J. - LELAY, G. - SOUKIASSIAN, P. - HRICOVÍNI, K. - BONNET, J.E. - OSVALD, Jozef - OLSSON, O. Alkali-metal-induced highest

Fermi-level pinning position above semiconductor conduction band minimum. In *Europhysics Letters*, 1994, vol. 26, p. 359.

Ohlasy:

[1.1] BECKER, S. - KARRASCH, C. - MASHOFF, T. - PRATZER, M. - LIEBMANN, M. - MEDEN, V. - MORGENSTERN, M. In PHYSICAL REVIEW LETTERS. APR 13 2011, vol. 106, no. 15., WOS

[1.1] FLOHR, K. - SLADEK, K. - GUNEL, H.Y. - LEPSA, M.I. - HARDTDEGEN, H. - LIEBMANN, M. - SCHAPERS, T. - MORGENSTERN, M. In APPLIED PHYSICS LETTERS. DEC 10 2012, vol. 101, no. 24., WOS

[1.1] MORGENSTERN, M. - GEORGI, A. - STRASSER, C. - AST, C.R. - BECKER, S. - LIEBMANN, M. In PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES. JUN 2012, vol. 44, no. 9, p. 1795-1814., WOS

[1.1] OKAMOTO, T. - MOCHIZUKI, T. - MINOWA, M. - KOMATSUZAKI, K. - MASUTOMI, R. In JOURNAL OF APPLIED PHYSICS. MAY 15 2011, vol. 109, no. 10., WOS

ADCA09 ARISTOV, V.J. - LE LAY, G. - HRICOVÍNI, K. - TALEB-IBRAHIMI, A. - DUMAS, P. - GUNTHER, R. - OSVALD, Jozef - INDLEKOFER, G. Nearly complete tuning of the Fermi level position at a prototypical metal-silicon interface: lead on undopinned Si(111)1x1-H. In *Journal of Spectroscopy and Related Phenomena*, 1994, vol. 68, p. 419.

Ohlasy:

[1.1] KHALIQ, A. - GALLET, J.J. - BOURNEL, F. - PIERUCCI, D. - TISSOT, H. - SILLY, M. - SIROTTI, F. - ROCHET, F. In JOURNAL OF PHYSICAL CHEMISTRY C. OCT 2 2014, vol. 118, no. 39, p. 22499-22508., WOS

ADCA10 ARISTOV, V.Y. - LE LAY, G. - SOUKIASSIAN, P. - HRICOVÍNI, K. - BONNET, J.Y. - OSVALD, Jozef - OLSSON, O. Cs-induced highest EF jump above InAs(110) conduction-band minimmum. In *Journal of Vacuum Science and Technology B*, 1994, vol. 12, p. 2709.

Ohlasy:

[1.1] EISENHARDT, A. - REISS, S. - KRISCHOK, S. - HIMMERLICH, M. In JOURNAL OF APPLIED PHYSICS. JAN 28 2014, vol. 115, no. 4., WOS

ADCA11 ARROVAL, T. - AARIK, L. - RAMMULA, R. - MÄNDAR, H. - AARIK, J. - HUDEC, Boris - HUŠEKOVÁ, Kristína - FRÖHLICH, Karol. Influence of growth temperature on the structure and electrical properties of high-permittivity TiO2 films in TiCl4-H2O and TiCl4-O3 atomic-layer-deposition processes. In *Physica Status Solidi A : applications and materials science*, 2014, vol. 211, p. 425-432. (1.525 - IF2013). (2014 - Current Contents). ISSN 1862-6300.

Ohlasy:

[1.1] JEON, W. - YOO, S. - KIM, H.K. - LEE, W. - AN, C. H. - CHUNG, M. J. - CHO, C. J. - KIM, S. K. - HWANG, C. S. In ACS APPLIED MATERIALS & INTERFACES. DEC 20 2014, vol. 6, no. 23, p. 21632-21637., WOS

[1.1] PESSOA, R. S. - PEREIRA, F. P. - TESTONI, G. E. - CHIAPPIM, W. - MACIEL, H. S. - SANTOS, L. V. In 2014 29th Symposium on Microelectronics Technology and Devices (SBMicro). 2014., WOS

ADCA12 ATTOLINI, G. - BOCCHI, C. - FRANZOSI, D. - KORYTÁR, Dušan - PELOSI, C. An x-ray diffraction srudy of the lattice strain relaxation in MOVPE GaAs/Ge heterostructures. In *Journal of Physics D*, 1995, vol. 28, p. A129.

Ohlasy:

[1.1] ZHOU, X.L. - PAN, J.Q. - YU, H.Y. - LI, S.Y. - WANG, B.J. - BIAN, J. - WANG, W. In CHINESE PHYSICS LETTERS. DEC 2014, vol. 31, no. 12., WOS

ADCA13 AZIMI, H. - FOURNIER, D. - WIRIX, M. - DOBROČKA, Edmund - AMERI, T. - MACHUI, F. - RODMAN, S. - DENNLER, G. - SCHRABER, M.C. - HINGERL, K. - LOOS, J. - BRABEC, C.J. - MORANA, M. Nano-morphology characterization of organic bulk heterojunctions based on mono and bis-adduct fullerenes. In *Organic Electronics*, 2012, vol. 13, p. 1315-1321. (4.047 - IF2011). (2012 - Current Contents). ISSN 1566-1199.

Ohlasy:

[1.1] ALBRECHT, S. - VANDEWAL, K. - TUMBLESTON, J.R. - FISCHER, F.S.U. - DOUGLAS, J.D. - FRECHET, J.M.J. - LUDWIGS, S. - ADE, H. - SALLEO, A. - NEHER, D. In ADVANCED MATERIALS. APR 2014, vol. 26, no. 16, p. 2533-2539., WOS

[1.1] CHEN, H.P. - HSIAO, Y.C. - CHEN, J.H. - HU, B. - DADMUN, M. In ADVANCED FUNCTIONAL MATERIALS. DEC 10 2014, vol. 24, no. 46, p. 7284-7290., WOS

[1.1] CHEN, H.P. - HSIAO, Y.C. - HU, B. - DADMUN, M. In JOURNAL OF MATERIALS CHEMISTRY A. JUL 7 2014, vol. 2, no. 25, p. 9883-9890., WOS

[1.1] LARSON, B.W. - WHITAKER, J.B. - POPOV, A.A. - KOPIDAKIS, N. - RUMBLES, G. - BOLTALINA, O.V. - STRAUSS, S.H. In CHEMISTRY OF MATERIALS. APR 8 2014, vol. 26, no. 7, p. 2361-2367., WOS

[1.1] WANG, Y.W. - ZHANG, W. - AI, X.C. - ZHANG, J.P. - WANG, X.F. - KIDO, J. In JOURNAL OF PHYSICAL CHEMISTRY C. DEC 12 2013, vol. 117, no. 49, p. 25898-25907., WOS

[1.1] YE, L. - ZHANG, S.Q. - QIAN, D.P. - WANG, Q. - HOU, J.H. In JOURNAL OF PHYSICAL CHEMISTRY C. DEC 5 2013, vol. 117, no. 48, p. 25360-25366., WOS

ADCA14 BALÁŽ, Peter - GODOČÍKOVÁ, Erika - KRIĽOVÁ, Lenka - LOBOTKA, Peter - GOCK, Eberhard. Preparation of nanocrystalline materials by high-energy milling. In *Materials Science and Engineering*. A.Structural Materials, 2004, vol. 386, p. 442-446. (1.363 - IF2003). (2004 - Current Contents, WOS, SCOPUS). ISSN 0921-5093.

Ohlasy:

[1.1] MA, G.Z. - XU, B.S. - WANG, H.D. - WANG, X.H. - LI, G.L. - ZHANG, S. In SURFACE & COATINGS TECHNOLOGY. APR 25 2013, vol. 221, p. 142-149., WOS

[1.1] NAYAK, P. - BADAPANDA, T. - PATTANAYAK, R. - MISHRA, A. - ANWAR, S. - SAHOO, P. - PANIGRAHI, S. In METALLURGICAL AND MATERIALS TRANSACTIONS A-PHYSICAL METALLURGY AND MATERIALS SCIENCE. APR 2014, vol. 45A, no. 4, p. 2132-2141., WOS

[1.1] SERRANO, T. - GOMEZ, I. In WORLD CONGRESS ON

ENGINEERING - WCE 2013, VOL III. 2013, p. 2087-2090., WOS

[1.2] MAPARU, A.K. - CHINEY, A. - GANVIR, V. - RAI, B. A process for the production of stable metal oxide nanoparticle suspensions by ultra-fine grinding. In 26th International Mineral Processing Congress, IMPC 2012: Innovative Processing for Sustainable Growth - Conference Proceedings, (2012), 3264-3273, SCOPUS

[3.1] CERQUEIRA, V.R. Síntese e sinterização de pós-compósitos de alumina-boretos de alta dureza por moagem de alta energia. Tese apresentada ao Programa de Pós-graduação em Ciência e Engenharia de Materiais como requisito parcial à obtenção do título de Doutor Em Ciência e Engenharia de Materiais. Universidade Federal de São Carlos Centro de Ciências Exatas e de Tecnologia Programa de Pós-Graduação em Ciência e Engenharia de Materiais, São Carlos - SP, 2014, São Paulo - Brazil, 172 p.

[3.1] HAGHIGHI POUDEH, L. High Energy Milling and Spray Drying Characteristics of MoO3, Cr2O3 and WO3 Powders. M.Sc. Thesis. Istanbul Technical University - Graduate School of Science, Engineering and Technology, Department of Metallurgical and Materials Engineering, Ceramics Engineering Programme, January 2014, 85

[3.1] SHRIVASTAVA, S. - SUBOHI, O. - MALIK, M.M. Ferroelectric Properties of Strontium Bismuth Titanate (SrBi4Ti4O15) Synthesized Using Solution Combustion Technique. In Nano Hybrids, Vol. 3 (2013), 67-79.

[3.1] XU, L. - KUANG, D. - DENG, Y. The Preparation Technology and Application of Copper Nanoparticles. In Materials Review (China), Vol. 27 (2013), No. 1, 37-41

ADCA15 BALOG, Miroslav - ŠAJGALÍK, Pavol - HOFER, F. - WARBICHLER, P. - FRÖHLICH, Karol - VÁVRA, Ondrej - JANEK, Jozef - HUANG, J.-L. Electrically conductive SiC-(Nb, Ti)ss-(Nb, Ti)Css cermet. In *Journal of the European Ceramic Society*. - Essex : Elsevier Science Publishers, 2006, vol. 26, p. 1259-1266. (2006 - Current Contents, WOS, SCOPUS). ISSN 0955-2219.

Ohlasy:

[1.1] KIM, K.J. - KIM, K.M. - KIM, Y.W. In JOURNAL OF THE EUROPEAN CERAMIC SOCIETY. MAY 2014, vol. 34, no. 5, p. 1149-1154., WOS

[1.1] KIM, K.J. - KIM, Y.W. In JOURNAL OF THE EUROPEAN CERAMIC SOCIETY. MAY 2012, vol. 32, no. 5, p. 1149-1155., WOS

[1.1] KIM, K.J. - LIM, K.Y. - KIM, Y.W. In JOURNAL OF THE EUROPEAN CERAMIC SOCIETY. DEC 2012, vol. 32, no. 16, p. 4401-4406., WOS

[1.1] KIM, K.J. - LIM, K.Y. - KIM, Y.W. In JOURNAL OF THE AMERICAN CERAMIC SOCIETY. NOV 2013, vol. 96, no. 11, p. 3463-3469., WOS

[1.1] KIM, K.J. - LIM, K.Y. - KIM, Y.W. - KIM, H.C. In JOURNAL OF THE AMERICAN CERAMIC SOCIETY. AUG 2013, vol. 96, no. 8, p. 2525-2530., WOS

[1.1] KIM, Y.W. - KIM, K.J. - KIM, H.C. - CHO, N.H. - LIM, K.Y. In JOURNAL OF THE AMERICAN CERAMIC SOCIETY. APR 2011, vol. 94, no. 4, p. 991-993., WOS

ADCA16 BARDOŠOVÁ, Mária - HODGE, P. - PACH, Ladislav - PEMBLE, M.E. - ŠMATKO, Vasilij - TREDGOLD, R.H. - WHITEHEAD, D. Synthetic opals made by the Langmuir-Blodgett method. In *Thin Solid Films*, 2003, vol. 437, p. 276-279.

Ohlasy:

[1.1] ARMSTRONG, Eileen - KHUNSIN, Worawut - OSIAK, Michal - BLOEMKER, Martin - SOTOMAYOR TORRES, Clivia M. - O&APOS;DWYER, Colm. Ordered 2D Colloidal Photonic Crystals on Gold Substrates by Surfactant-Assisted Fast-Rate Dip Coating. In SMALL. ISSN 1613-6810, 2014, vol. 10, no. 10, pp. 1895-1901., WOS

[1.1] ARMSTRONG, E. - KHUNSIN, W. - TORRES, C.M.S. - OSIAK, M. - O'DWYER, C. Synthetic Routes for the Preparation of Ordered Vanadium Oxide Inverted Opal Electrodes for Li-ion Batteries. In STUDENT POSTERS (GENERAL) - 224TH ECS MEETING. 2014, vol. 58, no. 25, p. 7-14., WOS

[1.1] ARMSTRONG, E. - KHUNSIN, W. - OSIAK, M. - TORRES, C.M.S. - O'DWYER, C. Light scattering investigation of 2D and 3D opal template formation on hydrophilized surfaces. In NANOTECHNOLOGY (GENERAL) - 224TH ECS MEETING. 2014, vol. 58, no. 47, p. 9-18., WOS

[1.1] ARMSTRONG, E. - OSIAK, M. - GLYNN, C. - O'DWYER, C. Investigations into structure and chemistry of 1D, 2D and 3D structured vanadium oxide nanomaterials for Li-ion batteries. In INTERCALATION COMPOUNDS FOR RECHARGEABLE BATTERIES. 2014, vol. 58, no. 14, p. 3-12., WOS

[1.1] DING, Boyang - BARDOSOVA, Maria - PEMBLE, Martyn E. - KOROVIN, Alexander V. - PESCHEL, Ulf - ROMANOV, Sergei G. Broadband Omnidirectional Diversion of Light in Hybrid Plasmonic-Photonic Heterocrystals. In ADVANCED FUNCTIONAL MATERIALS. ISSN 1616-301X, 2011, vol. 21, no. 21, pp. 4182-4192., WOS

[1.1] RECULUSA, S. - HEIM, M. - GAO, F. - MANO, N. - RAVAINE, S. - KUHN, A. In ADVANCED FUNCTIONAL MATERIALS. FEB 22 2011, vol. 21, no. 4, p. 691-698., WOS

[1.1] ROMANOVA, A.S. - KOROVIN, A.V. - ROMANOV, S.G. Effect of dimensionality on the spectra of hybrid plasmonic-photonic crystals. In PHYSICS OF THE SOLID STATE. AUG 2013, vol. 55, no. 8, p. 1725-1732., WOS

[1.1] SONG, Weixing - YANG, Yang - MOEHWALD, Helmuth - LI, Junbai. Two-dimensional polyelectrolyte hollow sphere arrays at a liquid-air interface. In SOFT MATTER. ISSN 1744-683X, 2011, vol. 7, no. 2, pp. 359-362., WOS

[1.1] SONG, W.X. - YANG, Y. - MOEHWALD, H. - LI, J.B. In SOFT MATTER. 2011, vol. 7, no. 2, p. 359-362., WOS

[1.1] WITHNALL, R. - SILVER, J. - IRELAND, T. G. - ZHANG, S. - FERN, G. R. Achieving structured colour in inorganic systems: Learning from the natural world. In OPTICS AND LASER TECHNOLOGY. ISSN 0030-3992, 2011, vol. 43, no. 2, pp. 401-409., WOS

[1.1] YAKHMI, J. V. SOFT MATTER: A PERSPECTIVE. In JOURNAL OF MATERIALS EDUCATION. ISSN 0738-7989, 2011, vol. 33, no. 3-4, pp. 149-160., WOS

[9] JIA, L. - RAY, M. A. Method of transferring patterned non-densely packed interfacial particle films onto substrates. 2011, United States Patent no. 7939133 B2., Google Patents

[9] MARIE, H. Elaboration of a new sensor based on molecularly imprinted polymers for the detection of molecules in physiological fluids.. PhD Thesis. Université de Technologie de Compiègne. 2013, 237 p., Google Scholar
[9] POTTS, J.E. - McCORMICK, F.B. - WOLK, M.B. - ZHANG, J.Y. - SMITH, T.L. - BATTIATO, J.M. et al. Methods for providing light extraction films on organic light emitting diode devices. 2012, United States Patent no. 8298032 B2., Google Patents
[9] POTTS, J.E. - McCORMICK, F.B. - WOLK, M.B. - ZHANG, J.Y. - SMITH, T.L. - BATTIATO, J.M. et al. Light extraction film for organic light emitting diode display and lighting devices. 2012, United States Patent no. 8179034 B2., Google Patents
[9] ZHANG, J.Y. - BARAN, J.R. - SMITH, T. L., SCHULTZ, W.J. - KOLB, W.B. -PATNAUDE, C.A. et al. Light extraction film with nanoparticle coatings. 2012, United States Patent no. 8249409 B2., Google Patents

ADCA17 BARTOLOME, E. - PAVAU, A. - GUITIERREZ, J. - GRANADOS, X. - POMAR, A. - PUIG, T. - OBRADORS, X. - CAMBEL, Vladimír - ŠOLTÝS, Ján - GREGUŠOVÁ, Dagmar - CHEN, D.-X. - SANCHEZ, A. Artificial magnetic granularity effects on patterned epitaxial YBa2Cu3O7-x thin films. In *Physical Review B.* B.Condensed Matter, 2007, vol. 76, 094508. (3.107 - IF2006). (2007 - Current Contents, WOS, SCOPUS). ISSN 1098-0121.

Ohlasy:
[1.1] JANU, Z. - SOUKUP, F. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. JUN 15 2014, vol. 501, p. 55-61., WOS
[1.1] VESTGARDEN, J.I. - YURCHENKO, V.V. - WORDENWEBER, R. - JOHANSEN, T.H. In PHYSICAL REVIEW B. JAN 23 2012, vol. 85, no. 1., WOS

ADCA18 BARTOLOME, E. - GRANADOS, X. - CAMBEL, Vladimír - FEDOR, Ján - KOVÁČ, Pavol - HUŠEK, Imrich. Critical current density analysis of ex situ MgB2 wire by in-field and temperature Hall probe imaging. In *Superconductor Science and Technology*, 2005, vol. 18, p. 1135-1140. (1.556 - IF2004). (2005 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:
[1.1] HIGASHIKAWA, K. - YAMAMOTO, A. - KISS, T. - YE, S. - MATSUMOTO, A. - KUMAKURA, H. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. SEP 15 2014, vol. 504, p. 62-64., WOS

ADCA19 BARTOLOME, E. - GÖMÖRY, Fedor - GRANADOS, X. - PUIG, T. - OBRADORS, X. Transport versus magnetization technique for determination of critical current densities in superconducting tapes with macroscopic defects. In *Superconductor Science and Technology*, 2005, vol. 18, p. 388-394. (1.556 - IF2004). (2005 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:
[1.1] SUSNER, M.A. - DANIELS, T.W. - SUMPTION, M.D. - RINDFLEISCH, M.A. - THONG, C.J. - COLLINGS, E.W. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUN 2012, vol. 25, no. 6., WOS

ADCA20 BAUMANN, P.K. - DOPPELT, P. - FRÖHLICH, Karol - GUEROUDJI, L. - CAMBEL, Vladimír - MACHAJDÍK, Daniel - SCHUMACHER, M. - LINDNER, J. - SCHIENLE, F. - BURGESS, D. - STRAUCH, G. - JUERGENSEN, H. - GUILLON, H. - JIMENEZ, C. Platinum, ruthenium and ruthenium dioxide electrodes deposited by metal organic chemical vapour deposition for oxide applications. In *Integrated Ferroelectrics*, 2002, vol. 44, p. 135-139. (2002 - Current Contents).

Ohlasy:

[1.1] MASRUROH. In MATERIALS SCIENCE AND MECHANICAL ENGINEERING. 2014, vol. 467, p. 155-159., WOS

[1.1] NARAYANAN, J.S. - ANJALIDEVI, C. - DHARUMAN, V. In JOURNAL OF SOLID STATE ELECTROCHEMISTRY. APR 2013, vol. 17, no. 4, p. 937-947., WOS

[1.1] PATIL, U.M. - KULKARNI, S.B. - JAMADADE, V.S. - LOKHANDE, C.D. In JOURNAL OF ALLOYS AND COMPOUNDS. FEB 3 2011, vol. 509, no. 5, p. 1677-1682., WOS

[1.1] PREMKUMAR, P.A. - PRAKASH, N.S. - GAILLARD, F. - BAHLAWANE, N. In MATERIALS CHEMISTRY AND PHYSICS. FEB 15 2011, vol. 125, no. 3, p. 757-762., WOS

ADCA21 BELKIN, A. - NOVOSAD, V. - IAVARONNE, M. - FEDOR, Ján - PEARSON, J.E. - PETREAN-TRONCALLI, A. Tunable transport in magnetically coupled MoGe/Permalloy hybrids. In *Applied Physics Letters*, 2008, vol. 93, art. no. 072510. (3.596 - IF2007). (2008 - Current Contents, WOS, SCOPUS). ISSN 0003-6951.

Ohlasy:

[1.1] ALADYSHKIN, A.Y. - FRITZSCHE, J. - WERNER, R. - KRAMER, R.B.G. - GUENON, S. - KLEINER, R. - KOELLE, D. - MOSHCHALKOV, V.V. In PHYSICAL REVIEW B. SEP 23 2011, vol. 84, no. 9., WOS

[1.1] ATAKLTI, G.W. - ALADYSHKIN, A.Y. - GILLIJNS, W. - NEFEDOV, I.M. - VAN DE VONDEL, J. - SILHANEK, A.V. - KEMMLER, M. - KLEINER, R. - KOELLE, D. - MOSHCHALKOV, V.V. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUN 2012, vol. 25, no. 6., WOS

[1.1] ILYINA, E.A. - HERNANDEZ, J.M. - GARCIA-SANTIAGO, A. - CIRILLO, C. - ATTANASIO, C. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. SEP 2012, vol. 479, p. 170-172., WOS

[1.1] SZMAJA, W. - BALCERSKI, J. - KOZLOWSKI, W. - CICHOMSKI, M. - GROBELNY, J. - SMOLNY, M. - KOWALCZYK, P.J. In JOURNAL OF ALLOYS AND COMPOUNDS. APR 25 2012, vol. 521, p. 174-177., WOS

[1.1] TAMEGAI, T. - NAKAO, Y. - MOHAN, S. - NAKAJIMA, Y. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. FEB 2011, vol. 24, no. 2., WOS

ADCA22 BELOGOLOVSKII, M. - GRAJCAR, M. - KÚŠ, P. - BEŇAČKA, Štefan - SEIDEL, P. - PLECENIK, Andrej. Phase-coherent charge transport in superconducting heterocontacts. In *Physical Review B*, 1999, vol. 59, p. 9617-9626. (2.842 - IF1998). (1999 - Current Contents).

Ohlasy:

[1.1] SHATERNIK, V.E. - SHAPOVALOV, A.P. - BLOSHCHIT-SKIY, P. -

ZHABKO, D.S. - KUDRYA, E.V. - PROKOPENKO, A.V. - KUZNETSOV, R.A. In METALLOFIZIKA I NOVEISHIE TEKHNOLOGII. FEB 2012, vol. 34, no. 2, p. 275-282., WOS

ADCA23 BEŇAČKA, Štefan - BEZÁKOVÁ, L. - GAŽI, Štefan - TAKÁCS, Silvester - PALAJ, J. Josephson effects in long superconducting bridges with variable thickness. In *Solid State Communications*, 1977, vol. 24, p. 717-720. ISSN 0038-1098.

Ohlasy:

[1.1] SUDEROW, H. - GUILLAMON, I. - RODRIGO, J. G. - VIEIRA, S. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. ISSN 0953-2048, JUN 2014, vol. 27, no. 6., WOS

ADCA24 BEŇO, J. - WEIS, M. - DOBROČKA, Edmund - HAŠKO, D. Mixed 2D molecular systems: Mechanic, thermodynamic and dielectric properties. In *Applied Surface Science*, 2008, vol. 254, p. 6370-6375. (1.410 - IF2007). (2008 - Current Contents). ISSN 0169-4332.

Ohlasy:

[1.1] MASHAGHI, A. - PARTOVI-AZAR, P. - JADIDI, T. - NAFARI, N. - MAASS, P. - TABAR, M.R.R. - BONN, M. - BAKKER, H.J. In JOURNAL OF CHEMICAL PHYSICS. MAR 21 2012, vol. 136, no. 11., WOS

[1.1] PERIASAMY, V. In ADVANCED ENGINEERING MATERIALS II, PTS 1-3. 2012, vol. 535-537, p. 1119-1125., WOS

ADCA25 BEST, J.K. - HILLMAN, H. - KREMPASKÝ, Ludovít - POLÁK, Milan - TURCK, B. Anisotropy of the critical current in solid solution superconductor NbTi. In *IEEE Transactions on Magnetics*, 1979, vol. 15, p. 395. ISSN 0018-9464.

Ohlasy:

[1.1] LYLY, M. - ZERMENO, V. - STENVALL, A. - LAHTINEN, V. - MIKKONEN, R. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 3., WOS

ADCA26 BETKO, Július - KORDOŠ, Peter - KUKLOVSKÝ, Stanislav - FORSTER, A. - GREGUŠOVÁ, Dagmar - LUTH, H. Electrical properties of molecular beam epitaxial GaAs layers grown at low temperature. In *Materials Science and Engineering B*, 1994, vol. 28, p. 147.

Ohlasy:

[1.1] MISSOUS, M. In HANDBOOK OF TERAHERTZ TECHNOLOGY FOR IMAGING, SENSING AND COMMUNICATIONS. 2013, no. 34, p. 464-489., WOS

[1.1] MISSOUS, M. - KOSTAKIS, I. - SAEEDKIA, D. In IEEE SENSORS JOURNAL. JAN 2013, vol. 13, no. 1., WOS

ADCA27 BETKO, Július - MORVIC, Marian - NOVÁK, Jozef - FÖRSTER, A. - KORDOŠ, Peter. Hall mobility analysis in low-teperature-grown molecular beam epitxial GaAs. In *Applied Physics Letters*, 1996, vol. 69, p. 2563. (1996 - Current Contents, SCOPUS). ISSN 0003-6951.

Ohlasy:

[1.1] MISSOUS, M. In HANDBOOK OF TERAHERTZ TECHNOLOGY FOR IMAGING, SENSING AND COMMUNICATIONS. 2013, no. 34, p.

464-489., WOS

[1.1] MISSOUS, M. - KOSTAKIS, I. - SAEEDKIA, D. In IEEE SENSORS JOURNAL. JAN 2013, vol. 13, no. 1., WOS

[1.1] NARGELAS, S. - JARASIUNAS, K. - BERTULIS, K. - PACEBUTAS, V. In APPLIED PHYSICS LETTERS. FEB 21 2011, vol. 98, no. 8., WOS

ADCA28 BETKO, Július - MORVIC, Marian. Indication of mixed conductivity in III-V semiconductors using conductivity, Hall effect and magnetoresistance measurements. In *Physica Status Solidi A*, 2000, vol. 181, p. 169-175. (1.010 - IF1999). (2000 - Current Contents, SCOPUS). ISSN 0031-8965.

Ohlasy:

[2.2] Boháček, P., Zat'Ko, B., Šagátová, A., Hybler, P., Sekáčová, M. 2014 10th International Conference on Advanced Semiconductor Devices and Microsystems, ASDAM 2014 6998642, pp. 45-48, SCOPUS

ADCA29 BEUVEN, S. - DARULA, Marian - HARNACK, O. - KARLOVSKY, K. - KOHLSTEDT, H. On-chip integration of HTS Josephson oscillator and mixer. In *IEEE Transactions on Applied Superconductivity*, 1999, vol. 9, p. 3769-3774. (0.782 - IF1998). (1999 - Current Contents, WOS, SCOPUS). ISSN 1051-8223.

Ohlasy:

[1.1] DU, J. - LAZAR, J.Y. - LAM, S.K.H. - MITCHELL, E.E. - FOLEY, C.P. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. SEP 2014, vol. 27, no. 9., WOS

ADCA30 BEZÁK, Viktor. Path-integral theory of an electron gas in a random potential. In *Proceedings of Royal Society : B - Biological Sciences*, 1970, vol. 315, p. 339. ISSN 0962-8452.

Ohlasy:

[1.1] PINSOOK, U. - THONGNUM, A. - SA-YAKANIT, V. In APPLIED PHYSICS LETTERS. APR 22 2013, vol. 102, no. 16., WOS

ADCA31 BLAHO, Michal - GREGUŠOVÁ, Dagmar - JURKOVIČ, Michal - HAŠČÍK, Štefan - FEDOR, Ján - KORDOŠ, Peter - FRÖHLICH, Karol - BRUNNER, F. - CHO, E.-M. - HILT, O. - WÜRFL, H.-J. - KUZMÍK, Ján. Ni/Au-Al2O3 gate stack prepared by low-temperature ALD and lift-off for MOSHEMTs. In *Microelectronic Engineering*, 2013, vol. 112, p. 204-207. (1.224 - IF2012). (2013 - Current Contents). ISSN 0167-9317.

Ohlasy:

[1.1] MOON, S.W. - LEE, J. - SEO, D. - JUNG, S. - CHOI, H.G. - SHIM, H. - YIM, J.S. - TWYNAM, J. - ROH, S.D. In JAPANESE JOURNAL OF APPLIED PHYSICS. AUG 2014, vol. 53, no. 8, 3., WOS

ADCA32 BOCHNÍČEK, Z. - VÁVRA, Ivo. Interdiffusion in amorphous Nb/Si multilayers. In *Materials Letters*, 2000, vol. 45, p. 120-124. (0.580 - IF1999). (2000 - Current Contents).

Ohlasy:

[1.1] CUI, Y.F. - WANG, Q. - CHENG, J.S. - SHI, Z.K. - ZHANG, Y. In MATERIALS RESEARCH INNOVATIONS. JUL 2014, vol. 18, p. 15-17., WOS

[1.1] KASHYAP, S. - CHATTOPADHYAY, K. In THIN SOLID FILMS. MAR 15 2013, vol. 531, p. 312-319., WOS
[1.1] LIU, Y. - WANG, C. - XUE, Y.F. In SOLAR ENERGY MATERIALS AND SOLAR CELLS. JAN 2012, vol. 96, no. 1, p. 131-136., WOS
[1.1] LI, Y.N. - LIU, X.R. - CUI, Y.F. - LIU, J.Q. - XIE, G.M. - WANG, C. In APPLIED MATERIALS AND TECHNOLOGIES FOR MODERN MANUFACTURING, PTS 1-4. 2013, vol. 423-426, p. 419-425., WOS
[1.2] Xie, W., Yan, J., Liu, Y., Xue, Y., Zhang, Y., Zhang, F., Wang, C.: Taiyangneng Xuebao/Acta Energiae Solaris Sinica Volume 35, (2014) 145-148, SCOPUS

ADCA33 BRAILOVSKII, E.J. - MATVEEVA, L.A. - MELNIKOV, G.D. - MIKHAILOV, J.F. - SEMENOVA, S.N. - TKHORIK, J.A. - KHAZAN, L.S. - LAICHTER, V. - ČERVENÁK, Ján. SixGe1-xGaAs heterojunction impatt-diodes. In *Crystal Research and Technology*, 1986, vol. 21, p. 413-421.
Ohlasy:
[1.1] BOBBY, A. - SHIWAKOTI, N. - VERMA, S. - GUPTA, P.S. - ANTONY, B.K. In MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING. MAY 2014, vol. 21, p. 116-121., WOS

ADCA34 BRUNEL, M. - ENZO, S. - JERGEL, Matej - MAJKOVÁ, Eva - VÁVRA, Ivo. Structural characterization and thermal stability of W/Si multi-layers. In *Journal of Materials Research*, 1993, vol. 8, p. 2600. ISSN 0884-2914.
Ohlasy:
[1.1] RAJPUT, P. - GUPTA, A. - RAJAGOPALAN, S. - TYAGI, A.K. In AIP ADVANCES. MAR 2012, vol. 2, no. 1., WOS

ADCA35 BRUNNER, Róbert - PINČÍK, Emil - KOBAYASHI, H. - KUČERA, Michal - TAKAHASHI, M. - RUSNÁK, Jaroslav. On photoluminescence properties of a-Si:H-based structures. In *Applied Surface Science*, 2010, vol. 256, p. 5596-5601. (1.616 - IF2009). (2010 - Current Contents). ISSN 0169-4332.
Ohlasy:
[1.1] KHOMENKOVA, L. Analysis of PL spectrum shape of Si-based materials as a tool for determination of Si crystallites' distribution. In PHYSICA B-CONDENSED MATTER. NOV 15 2014, vol. 453, p. 19-25., WOS

ADCA36 BUCH, Július - VALENTOVIČ, Daniel. Chemical composition and structure of cathode- sputtered CdTe thin films. In *Thin Solid Films*, 1978, vol. 51, p. 349-352. ISSN 0040-6090.
Ohlasy:
[1.1] SUBRAHMANYAM, J. - REDDY, B.K. - REDDY, D.R. - REDDY, D.S. - RAO, N.M. - KRISHNAIAH, G. In JOURNAL OF NON-CRYSTALLINE SOLIDS. MAR 1 2011, vol. 357, no. 5, p. 1405-1408., WOS

ADCA37 BYSTRITSKY, V.M. - BYSTRITSKII, Vit.M. - DUDKIN, G.N. - FILIPOWICZ, M. - GAŽI, Štefan - HURAN, Jozef - MESYATS, G.A. - NECHAEV, B.A. - PADALKO, V.N. - PARZHITSKII, S.S. - PENKOV, F.M. - PHILIPPOV, A.V. - TULEUSHEV, Yu.Zh. Effect of the crystal structure of a deuterated target on the yield of neutrons in the dd reaction at ultralow energies. In

JETP Letters, 2014, vol. 99, p. 497-502. (1.364 - IF2013). (2014 - Current Contents, WOS, SCOPUS). ISSN 0021-3640.

Ohlasy:

[1.1] MOLODETS, A.M. - GOLYSHEV, A.A. In PHYSICS OF THE SOLID STATE. DEC 2014, vol. 56, no. 12, p. 2524-2529., WOS

ADCA38 BYSTRITSKY, V.M. - BYSTRITSKII, Vit.M. - DUDKIN, G.N. - FILIPOWICZ, M. - GAŽI, Štefan - HURAN, Jozef - KOBZEV, A.P. - MESYATS, G.A. - NECHAEV, B.A. - PADALKO, V.N. - PARZHITSKII, S.S. - PENKOV, F.M. - PHILIPPOV, A.V. - KAMINSKII, V.L. - TULEUSHEV, Yu.Zh. - WOZNIAK, J. Measurement of astrophysical S factors and electron screening potentials for d(d,n)3He reaction in ZrD2, TiD2, D2D, and CD2 targets in the ultralow energy region using plasma accelerators. In *Physics of Atomic Nuclei*, 2012, vol. 75, p. 53-62. (0.568 - IF2011). (2012 - Current Contents). ISSN 1063-7788.

Ohlasy:

[1.1] BAGULYA, A.V. - DALKAROV, O.D. - NEGODAEV, M.A. - RUSETSKII, A.S. - CHUBENKO, A.P. In BULLETIN OF THE LEBEDEV PHYSICS INSTITUTE. DEC 2012, vol. 39, no. 12, p. 325-329., WOS

ADCA39 BYSTRITSKY, V.M. - BYSTRITSKII, Vit.M. - DUDKIN, G.N. - FILIPOWICZ, M. - GAŽI, Štefan - HURAN, Jozef - KOBZEV, A.P. - MESYATS, G.A. - NECHAEV, B.A. - PADALKO, V.N. - PARZHITSKII, S.S. - PENKOV, F.M. - PHILIPPOV, A.V. - KAMINSKII, V.L. - TULEUSHEV, Yu.Zh. - WOZNIAK, J. Measurement of astrophysical S factors and electron screening potentials for d(d,n)3He reaction in ZrD2, TiD2, and TaD0.5 targets in the ultralow energy region using plasma accelerators. In *Nuclear Physics A*, 2012, vol. 889, p. 93-104. (1.540 - IF2011). (2012 - Current Contents). ISSN 0375-9474.

Ohlasy:

[1.1] XU, Y. - TAKAHASHI, K. - GORIELY, S. - ARNOULD, M. - OHTA, M. - UTSUNOMIYA, H. In NUCLEAR PHYSICS A. NOV 20 2013, vol. 918, p. 61-169., WOS

ADCA40 CAMBEL, Vladimír - MARTAUS, Jozef - ŠOLTÝS, Ján - KÚDELA, Róbert - GREGUŠOVÁ, Dagmar. AFM nanooxidation process – technology perspective for mesoscopic structures. In *Surface Science*, 2007, vol. 601, p. 2717-2723.

Ohlasy:

[1.1] LIN, C.W. - WANG, C.T. - LUO, M.F. In APPLIED SURFACE SCIENCE. JAN 1 2013, vol. 264, p. 280-285., WOS

ADCA41 CAMBEL, Vladimír - KARAPETROV, Goran - ELIÁŠ, Peter - HASENÖHRL, Stanislav - KWOK, W.K. - KRAUSE, J. - MAŇKA, Ján. Approaching the pT range with a 2DEG InGaAs/InP Hall sensor at 77K. In *Microelectronic Engineering*, 2000, vol. 51-52, p. 333-342. (0.810 - IF1999). (2000 - Current Contents).

Ohlasy:

[3] Lipert, K.: Development of a micro-Hall magnetometer and studies of individual Fe – filled carbon nanotubes. PhD Thesis. Heidelberg Univ. 2011.

ADCA42 CAMBEL, Vladimír - KARAPETROV, Goran. Control of vortex chirality and polarity in magnetic nanodots with broken rotational symmetry. In *Physical Review*

B, 2011, vol. 84, 014424. (3.774 - IF2010). (2011 - Current Contents, WOS, SCOPUS). ISSN 1098-0121.

Ohlasy:

[1.1] AGRAMUNT-PUIG, S. - DEL-VALLE, N. - NAVAU, C. - SANCHEZ, A. In APPLIED PHYSICS LETTERS. JAN 6 2014, vol. 104, no. 1., WOS

[1.1] BRANDAO, J. - NOVAK, R.L. - LOZANO, H. - SOLEDADE, P.R. - MELLO, A. - GARCIA, F. - SAMPAIO, L.C. In JOURNAL OF APPLIED PHYSICS. NOV 21 2014, vol. 116, no. 19., WOS

[1.1] RAANAEI, H. - ESLAMIZADEH, H. In INTERNATIONAL JOURNAL OF MODERN PHYSICS B. DEC 30 2014, vol. 28, no. 32., WOS

[1.1] SATO, T. - YAMADA, K. - NAKATANI, Y. In APPLIED PHYSICS EXPRESS. JUL 2014, vol. 7, no. 7., WOS

[1.1] SATO, T. - YAMADA, K. - NAKATANI, Y. In APPLIED PHYSICS EXPRESS. MAR 2014, vol. 7, no. 3., WOS

[1.1] STEBLIY, M.E. - OGNEV, A.V. - SAMARDAK, A.S. - DIGA, K.S. - CHEBOTKEVICH, L.A. In IEEE TRANSACTIONS ON MAGNETICS. NOV 2012, vol. 48, no. 11, p. 4406-4408., WOS

[1.1] WEN, Y. - FENG, Z. - MIAO, B.F. - CAO, R.X. - SUN, L. - YOU, B. - WU, D. - ZHANG, W. - JIANG, Z.S. - CHENG, R. - DING, H.F. In JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS. DEC 2014, vol. 370, p. 68-75., WOS

[1.1] YAKATA, S. - TANAKA, T. - KISEKI, K. - MATSUYAMA, K. - KIMURA, T. In SCIENTIFIC REPORTS. DEC 20 2013, vol. 3., WOS

ADCA43 CAMBEL, Vladimír - GREGUŠOVÁ, Dagmar - KÚDELA, Róbert. Formation of GaAs three-dimensional objects using AlAs „facet-forming“ sacrificial layer and H3PO4, H2O2, H2O based solution. In *Journal of Applied Physics*. - New York : American Institute of Physics, 2003, vol. 94, p. 4643-4648. (2.281 - IF2002). (2003 - Current Contents, WOS, SCOPUS). ISSN 0021-8979.

Ohlasy:

[1.1] OKAZAKI, S. - OHHASHI, T. - NAKAO, S. - HIROSE, Y. - HITOSUGI, T. - HASEGAWA, T. In JAPANESE JOURNAL OF APPLIED PHYSICS. SEP 2013, vol. 52, no. 9, 1., WOS

[1.1] RULKE, D. - KARL, M. - HU, D.Z. - SCHAADT, D.M. - KALT, H. - HETTERICH, M. In JOURNAL OF CRYSTAL GROWTH. JUN 1 2011, vol. 324, no. 1, p. 259-262., WOS

[1.1] RULKE, D. - SCHAADT, D.M. - KALT, H. - HETTERICH, M. In APPLIED PHYSICS LETTERS. JUN 18 2012, vol. 100, no. 25., WOS

ADCA44 CAMBEL, Vladimír - PRECNER, Marian - FEDOR, Ján - ŠOLTÝS, Ján - TÓBIK, Jaroslav - ŠČEPKA, Tomáš - KARAPETROV, Goran. High resolution switching magnetization magnetic force microscopy. In *Applied Physics Letters*, 2013, vol. 102, 062405. (3.794 - IF2012). (2013 - Current Contents). ISSN 0003-6951.

Ohlasy:

[1.1] LI, Z. - LI, X. - DONG, D. - LIU, D. - SAITO, H. - ISHIO, S. In SCIENTIFIC REPORTS. ISSN 2045-2322, JUL 11 2014, vol. 4., WOS

[1.1] LI, Z. - LI, X. - LIU, D. - SAITO, H. - ISHIO, S. In NANOSCALE. ISSN 2040-3364, 2014, vol. 6, no. 19, p. 11163-11168., WOS

ADCA45 CAMBEL, Vladimír - FEDOR, Ján - GREGUŠOVÁ, Dagmar - KOVÁČ, Pavol - HUŠEK, Imrich. Large-scale high-resolution scanning Hall probe microscope used for MgB2 filament characterization. In *Superconductor Science and Technology*, 2005, vol. 18, p. 417-421. (1.556 - IF2004). (2005 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] HIGASHIKAWA, K. - YAMAMOTO, A. - KISS, T. - YE, S. - MATSUMOTO, A. - KUMAKURA, H. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. SEP 15 2014, vol. 504, p. 62-64., WOS

[1.1] MA, Z.Q. - LIU, Y.C. In INTERNATIONAL MATERIALS REVIEWS. NOV 2011, vol. 56, no. 5-6, p. 267-286., WOS

ADCA46 CAMBEL, Vladimír - MARTAUS, Jozef - ŠOLTÝS, Ján - KÚDELA, Róbert - GREGUŠOVÁ, Dagmar. Local anodic oxidation by AFM tip developed for novel semiconductor nanodevices. In *Ultramicroscopy*, 2008, vol. 108, p. 1021-1024. (1.996 - IF2007). (2008 - Current Contents).

Ohlasy:

[1.2] Hu, K., Wang, Q., Hu, X., Wu, S. International Journal of Nanomanufacturing 9 (2013), pp. 19-28, SCOPUS

ADCA47 CAMBEL, Vladimír - ELIÁŠ, Peter - GREGUŠOVÁ, Dagmar - MARTAUS, Jozef - FEDOR, Ján - KARAPETROV, Goran - NOVOSAD, V. Magnetic elements for switching magnetization magnetic force microscopy tips. In *Journal of Magnetism and Magnetic Materials*, 2010, vol. 322, p. 2715-2721. (1.204 - IF2009). (2010 - Current Contents, WOS, SCOPUS). ISSN 0304-8853.

Ohlasy:

[1.1] ISHIHARA, S. - OHTAKE, M. - FUTAMOTO, M. In JEMS 2012 - JOINT EUROPEAN MAGNETIC SYMPOSIA. 2012, vol. 40., WOS

[1.1] KAIDATZIS, A. - GARCIA-MARTIN, J.M. In NANOTECHNOLOGY. APR 26 2013, vol. 24, no. 16., WOS

[1.1] KLAPETEK, P. In QUANTITATIVE DATA PROCESSING IN SCANNING PROBE MICROSCOPY: SPM APPLICATIONS FOR NANOMETROLOGY. 2013, p. 207-219., WOS

ADCA48 CAMBEL, Vladimír - KARAPETROV, Goran. Micromagnetic simulations of pac-man-like nanomagnets for memory applications. In *Journal of Nanoscience and Nanotechnology*, 2012, vol. 12, p. 7422-7425. (1.563 - IF2011). (2012 - Current Contents). ISSN 1533-4880.

Ohlasy:

[1.1] DU, J.J. - SUN, X.T. - TANG, Z.M. - XU, L.J. - WU, R.M. - CHEN, B.Z. In JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY. AUG 2013, vol. 13, no. 8, p. 5844-5848., WOS

ADCA49 CAMBEL, Vladimír - KARAPETROV, Goran - NOVOSAD, V. - BARTOLOME, E. - GREGUŠOVÁ, Dagmar - FEDOR, Ján - KÚDELA, Róbert - ŠOLTÝS, Ján. Novel Hall sensors developed for magnetic field imaging systems. In *Journal of Magnetism and Magnetic Materials*, 2007, vol. 316, p. 232-235. (1.212 - IF2006). (2007 - Current Contents, WOS, SCOPUS). ISSN 0304-8853.

Ohlasy:
[1.1] TIAN, W.G. - HU, J.F. - PAN, M.C. - CHEN, D.X. - ZHAO, J.Q. In REVIEW OF SCIENTIFIC INSTRUMENTS. MAR 2013, vol. 84, no. 3., WOS

ADCA50 CAMBEL, Vladimír - ELIÁŠ, Peter - GREGUŠOVÁ, Dagmar - FEDOR, Ján - MARTAUS, Jozef - KARAPETROV, Goran - NOVOSAD, V. - KOSTIČ, Ivan. Novel magnetic tips developed for the switching magnetization magnetic force microscopy. In *Journal of Nanoscience and Nanotechnology*, 2010, vol.10, p. 4477-4481. (1.435 - IF2009). (2010 - Current Contents). ISSN 1533-4880.
Ohlasy:
[1.1] CHOI, Eunmi - KIM, Areum - SON, Hyungbin - PYO, Sung Gyu. Applications of Scanning Probe-Atomic Force Microscopy in Nanobioelectronics. In JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY. ISSN 1533-4880, 2014, vol. 14, no. 1, pp. 924-931., WOS

ADCA51 CAMBEL, Vladimír - TÓBIK, Jaroslav - ŠOLTÝS, Ján - FEDOR, Ján - PRECNER, Marian - GAŽI, Štefan - KARAPETROV, Goran. The influence of shape anisotropy on vortex nucleation in Pacman-like nanomagnets. In *Journal of Magnetism and Magnetic Materials*, 2013, vol. 336, p. 29-36. (1.826 - IF2012). (2013 - Current Contents, WOS, SCOPUS). ISSN 0304-8853.
Ohlasy:
[1.1] GALVAO, S.B. - LIMA, A.C. - DE MEDEIROS, S.N. - SOARES, J.M. - PASKOCIMAS, C.A. In MATERIALS LETTERS. JAN 15 2014, vol. 115, p. 38-41., WOS

ADCA52 CAMBEL, Vladimír - ŠOLTÝS, Ján. The role of surface-layer conductivity in local anodic oxidation by AFM tip. In *Journal of Applied Physics*, 2007, vol. 102, art. no. 074315. (2.316 - IF2006). (2007 - Current Contents, SCOPUS). ISSN 0021-8979.
Ohlasy:
[1.1] HU, K.X. - WU, S. - HUANG, M.M. - HU, X.D. - WANG, Q.K. In ULTRAMICROSCOPY. APR 2012, vol. 115, p. 7-13., WOS
[1.1] KALININ, S.V. - JESSE, S. - TSELEV, A. - BADDORF, A.P. - BALKE, N. In ACS NANO. JUL 2011, vol. 5, no. 7, p. 5683-5691., WOS
[1.1] MORIYA, R. - IKENAGA, E. - MASUBUCHI, S. - MACHIDA, T. In JAPANESE JOURNAL OF APPLIED PHYSICS. MAY 2013, vol. 52, no. 5, 1., WOS

ADCA53 CAPUTO, P. - DARULA, Marian - USTINOV, A.V. - KOHLSTEDT, H. Fluxon dynamics in discrete Josephson transmission lines with stacked junctions. In *Journal of Applied Physics*, 1997, vol. 81, p. 309. (1.812 - IF1996). (1997 - Current Contents, SCOPUS). ISSN 0021-8979.
Ohlasy:
[1.1] BOUSSAHA, F. - FERET, A. - CHAUMONT, C. - LOUKITCH, L. - VACELET, T. In TERAHERTZ EMITTERS, RECEIVERS, AND APPLICATIONS IV. 2013, vol. 8846., WOS

ADCA54 CARIA, M. - BARBERINI, L. - CADEDDU, S. - GIANNATTASIO, A. - RUSANI, A. - SESSELEGO, A. - LAI, A. - D'AURIA, S. - DUBECKÝ, František.

Gallium arsenide photodetectors for imaging in the far ultraviolet region. In *Applied Physics Letters*, 2002, vol. 81, p. 1506-1508. ISSN 0003-6951.

Ohlasy:

[1.1] YUAN, C. - JIANG, Z. - YE, S. In NANOSCALE. 2014, vol. 6, no. 2, p. 1119-1123., WOS

ADCA55 CESNAK, Ladislav - KABÁT, Dušan. A cylindrical coil with graduated current density for very homogenous magnetic fields. In *Journal of Physics E : Scientific Instruments*, 1972, vol. 5, p. 944. ISSN 0022-3735.

Ohlasy:

[1.1] CZECHOWSKI, T. - CHLEWICKI, W. - BARANOWSKI, M. - JURGA, K. - SZCZESNIAK, E. - SZOSTAK, M. - MALINOWSKI, P. - KEDZIA, P. - SZCZEPANIK, P. - SZULC, P. - WOSINSKI, S. - PRUKALA, W. - JURGA, J. In CONCEPTS IN MAGNETIC RESONANCE PART B-MAGNETIC RESONANCE ENGINEERING. FEB 2013, vol. 43B, no. 1, p. 22-31., WOS

[1.1] FUJARA, F. - KRUK, D. - PRIVALOV, A.F. In PROGRESS IN NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY. OCT 2014, vol. 82, p. 39-69., WOS

ADCA56 CESNAK, Ladislav - GÖMÖRY, Fedor - KOKAVEC, Ján - TAKÁCS, Silvester. AC losses in multilayer superconducting tapes. In *Cryogenics*, 1984, vol. 24, p. 119.

Ohlasy:

[1.1] ZHAO, Y.F. - ZHOU, Y.H. In CRYOGENICS. AUG 2011, vol. 51, no. 8, p. 417-419., WOS

ADCA57 CESNAK, Ladislav - KOKAVEC, Ján. Magnetic field stability of superconducting magnets. In *Cryogenics*, 1977, vol. 17, p. 107. ISSN 0011-2275.

Ohlasy:

[1.1] GIL, W. - BONN, J. - DORMICCHI, O. - GEHRING, R. - KLEINFELLER, J. - KOSMIDER, A. - PUTSELYK, S. - SCHON, H.P. - TASSISTO, M. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2012, vol. 22, no. 3., WOS

[1.1] MAEDA, H. - YANAGISAWA, Y. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2014, vol. 24, no. 3., WOS

[1.1] ZHANG, M. - YUAN, W.J. - HILTON, D.K. - CANASSY, M.D. - TROCIEWITZ, U.P. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. SEP 2014, vol. 27, no. 9., WOS

ADCA58 ČIČO, Karol - HUŠEKOVÁ, Kristína - ŤAPAJNA, Milan - GREGUŠOVÁ, Dagmar - STOKLAS, Roman - KUZMÍK, Ján - CARLIN, J.-F. - GRANDJEAN, N. - POGANY, D. - FRÖHLICH, Karol. Electrical properties of InAlN/GaN high electron mobility transistor with Al2O3, ZrO2, and GdScO3 gate dielectrics. In *Journal of Vacuum Science and Technology B*, 2011, vol. 29, 01A808. (1.268 - IF2010). (2011 - Current Contents). ISSN 1071-1023.

Ohlasy:

[1.1] AKAZAWA, M. - NAKANO, T. In APPLIED PHYSICS LETTERS. SEP 17 2012, vol. 101, no. 12., WOS

[1.1] BERA, M. K. - LIU, Y. - KYAW, L. M. - NGOO, Y. J. - SINGH, S. P.

- CHOR, E. F. In ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY. 2014, vol. 3, no. 6, p. Q120-Q126., WOS

[1.1] BERA, M.K. - LIU, Y. - KYAW, L.M. - NGOO, Y.J. - CHOR, E.F. In WIDE-BANDGAP SEMICONDUCTOR MATERIALS AND DEVICES 14. 2013, vol. 53, no. 2, p. 65-74., WOS

[1.1] HU, Z. - YUE, Y. - ZHU, M. - SONG, B. - GANGULY, S. - BERGMAN, J. - JENA, D. - XING, H. G. In APPLIED PHYSICS EXPRESS. MAR 2014, vol. 7, no. 3., WOS

[1.1] LIU, X. - YELURI, R. - KIM, J. - LAL, S. - RAMAN, A. - LUND, C. - WIENECKE, S. - LU, J. - LAURENT, M. - KELLER, S. - MISHRA, U.K. In APPLIED PHYSICS LETTERS. JUL 29 2013, vol. 103, no. 5., WOS

[1.1] MAZUMDER, B. - LIU, X. - YELURI, R. - WU, F. - MISHRA, U. K. - SPECK, J. S. In JOURNAL OF APPLIED PHYSICS. OCT 7 2014, vol. 116, no. 13., WOS

[1.1] SCHAEFER, A. - BESMEHN, A. - LUYSBERG, M. - WINDEN, A. - STOICA, T. - SCHNEE, M. - ZANDER, W. - NIU, G. - SCHROEDER, T. - MANTL, S. - HARDTDEGEN, H. - MIKULICS, M. - SCHUBERT, J. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. JUL 2014, vol. 29, no. 7., WOS

[1.1] ZHOU, Q. - CHEN, H.W. - ZHOU, C.H. - FENG, Z.H. - CAI, S.J. - CHEN, K.J. In JAPANESE JOURNAL OF APPLIED PHYSICS. APR 2012, vol. 51, no. 4, Part 2, SI., WOS

ADCA59 ČIČO, Karol - KUZMÍK, Ján - LIDAY, J. - HUŠEKOVÁ, Kristína - POZZOVIVO, G. - CARLIN, J.-F. - GRANDJEAN, N. - POGANY, D. - VOGRINČIČ, P. - FRÖHLICH, Karol. InAlN/GaN metal-oxide-semiconductor high electron mobility transistor with Al2O3 insulating films grown by metal organic chemical vapor deposition using Ar and NH3 carrier gases. In *Journal of Vacuum Science and Technology B*, 2009, vol. 27, p. 218-222. (1.445 - IF2008). (2009 - Current Contents). ISSN 1071-1023.

Ohlasy:

[1.1] BERA, M.K. - LIU, Y. - KYAW, L.M. - NGOO, Y.J. - CHOR, E.F. In WIDE-BANDGAP SEMICONDUCTOR MATERIALS AND DEVICES 14. 2013, vol. 53, no. 2, p. 65-74., WOS

[1.1] BERA, M.K. - LIU, Y. - KYAW, L.M. - NGOO, Y.J. - SINGH, S.P. - CHOR, E.F. In ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY. 2014, vol. 3, no. 6, p. Q120-Q126., WOS

[1.1] PANG, L. - KIM, K. In JOURNAL OF PHYSICS D-APPLIED PHYSICS. FEB 1 2012, vol. 45, no. 4., WOS

ADCA60 ČIČO, Karol - GREGUŠOVÁ, Dagmar - KUZMÍK, Ján - JURKOVIČ, Michal - ALEXEWICZ, A. - DI FORTE POISSON, M.A. - POGANY, D. - STRASSER, G. - DELAGE, S. - FRÖHLICH, Karol. Influence of processing and annealing steps on electrical properties of InAlN/GaN high electron mobility transistor with Al2O3 gate insulation and passivation. In *Solid-State Electronics*, 2012, vol. 67, p. 74-78. (1.397 - IF2011). (2012 - Current Contents). ISSN 0038-1101.

Ohlasy:

[1.1] LIU, X. - YELURI, R. - LU, J. - MISHRA, U.K. In JOURNAL OF ELECTRONIC MATERIALS. JAN 2013, vol. 42, no. 1, p. 33-39., WOS

ADCA61 ČIČO, Karol - KUZMÍK, Ján - GREGUŠOVÁ, Dagmar - STOKLAS, Roman - LALINSKÝ, Tibor - GEORGAKILAS, A. - POGANY, D. - FRÖHLICH, Karol. Optimization and performance of Al2O3/GaN metal-oxide-semiconductor structures. In *Microelectronic Reliability*, 2007, vol. 47, p. 790-793. (2007 - Current Contents).

Ohlasy:

[1.1] HAHN, H. - BENKHELIFA, F. - AMBACHER, O. - ALAM, A. - HEUKEN, M. - YACOUB, H. - NOCULAK, A. - KALISCH, H. - VESCAN, A. In JAPANESE JOURNAL OF APPLIED PHYSICS. SEP 2013, vol. 52, no. 9, 1., WOS

[1.1] NEPAL, N. - GARCES, N.Y. - MEYER, D.J. - HITE, J.K. - MASTRO, M.A. - EDDY, C.R. In APPLIED PHYSICS EXPRESS. MAY 2011, vol. 4, no. 5., WOS

[1.1] QUAH, H.J. - CHEONG, K.Y. In IEEE TRANSACTIONS ON ELECTRON DEVICES. NOV 2012, vol. 59, no. 11, p. 3009-3016., WOS

[1.1] QUAH, H.J. - CHEONG, K.Y. In SCIENCE OF ADVANCED MATERIALS. DEC 2013, vol. 5, no. 12, p. 1816-1827., WOS

[1.1] QUAH, H.J. - CHEONG, K.Y. In ACS APPLIED MATERIALS & INTERFACES. AUG 14 2013, vol. 5, no. 15, p. 6860-6863., WOS

[1.1] QUAH, H.J. - CHEONG, K.Y. In MATERIALS CHEMISTRY AND PHYSICS. DEC 15 2014, vol. 148, no. 3, p. 592-604., WOS

[1.1] YANG, M.M. - TU, H.L. - DU, J. - WEI, F. - XIONG, Y.H. - ZHAO, H.B. In JOURNAL OF RARE EARTHS. APR 2013, vol. 31, no. 4, p. 395-399., WOS

[1.2] Quah, H.J. Cheong, K.Y.: Current Applied Physics 13 (2013) 1433., SCOPUS

ADCA62 DARMO, Juraj - DUBECKÝ, František - KORDOŠ, Peter - FÖRSTER, A. Annealing effect on concentration of EL-6like deep-level state in low-temperature-grown molecular beam epitaxial GaAs. In *Applied Physics Letters*, 1998, vol. 72, p. 590-594. (3.033 - IF1997). (1998 - Current Contents, SCOPUS). ISSN 0003-6951.

Ohlasy:

[1.2] Luo, Z.-J., Zhou, X., Yang, Z.-R., He, Y.-Q., He, H., Deng, C.-Y., Ding, Z. In Gongneng Cailiao/Journal of Functional Materials 42 (2011) , pp. 846-849, SCOPUS

ADCA63 DARMO, Juraj - DUBECKÝ, František - HARDTDEGEN, H. - HOLLFELDER, M. - SCHMIDT, R. Deep-level states in MOVPE AlGaAs: The influence of carrier gas. In *Journal of Crystal Growth*, 1998, vol. 186, p. 13-20. (1.250 - IF1997). (1998 - Current Contents). ISSN 0022-0248.

Ohlasy:

[1.1] DHARMADASA, I.M. In ADVANCES IN THIN-FILM SOLAR CELLS. 2013, p. 167-187., WOS

ADCA64 DARULA, Marian - SEIDEL, P. - BUSSE, F. - BEŇAČKA, Štefan. Dynamic properties of a superconducting quantum interference device containing arrays of Josephson junctions. In *Journal of Applied Physics*, 1992, vol. 74, p. 2674.

Ohlasy:

[1.1] SHUKRINOV, Y.M. - RAHMONOV, I.R. - PLECENIK, A. - SEIDEL,

P. - IL'ICHEV, E. - NAWROCKI, W. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. DEC 2014, vol. 27, no. 12., WOS

[1.2] Shukrinov, Yu.M., Seidel, P., Il'ichev, E.,Nawrocki, W., Grajcar, M., Plecenik, P.A., Rahmonov, I.R., Kulikov, K. (2012) Journal of Physics: Conference Series vol. 393 , art. no. 012020, SCOPUS

ADCA65 DE SANTIS, A. - BOBBA, F. - CRISTIANI, G. - CUCOLO, A. - FRÖHLICH, Karol - HABERMEIER, H.-U. - SALVATO, M. - VECCHIONE, A. Structural and electrical characterization of magnetoresistive La0.7Ca0.3MnO3 thin films. In *Journal of Magnetism and Magnetic Materials*, 2003, vol. 262, 150-153. (1.046 - IF2002). (2003 - Current Contents, WOS, SCOPUS). ISSN 0304-8853.

Ohlasy:

[1.1] RESTREPO-PARRA, E. - BEDOYA-HINCAPIE, C.M. - OROZCO-HERNANDEZ, G. - RESTREPO, J. - JURADO, J.F. In IEEE TRANSACTIONS ON MAGNETICS. DEC 2011, vol. 47, no. 12, p. 4686-4694., WOS

ADCA66 DEMENČÍK, Eduard - UŠÁK, Pavol - POLÁK, Milan - PIEL, H. - DHALLÉ, M. Lateral critical current distribution and self-field profile of Bi-2223/Ag conductors: measurements and calculations. In *Superconductor Science and Technology*, 2006, vol. 19, p. 848-853. (1.896 - IF2005). (2006 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] NAGASAKI, Y. - NAKAMURA, T. - FUNAKI, I. - ASHIDA, Y. - YAMAKAWA, H. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. NOV 2014, vol. 27, no. 11., WOS

ADCA67 DERIAN, René - GENDIAR, Andrej - NISHINO, T. Modulation of local magnetization in two-dimensional axial-next-nearest-neighbor model. In *Journal of Physical Society of Japan*, 2006, vol. 75, p. 114001, also condmat 0605411.

Ohlasy:

[1.1] BERMUDEZ, A. - ALMEIDA, J. - SCHMIDT-KALER, F. - RETZKER, A. - PLENIO, M.B. In PHYSICAL REVIEW LETTERS. NOV 11 2011, vol. 107, no. 20., WOS

[1.2] Suzuki, S., Inoue, J.-I., Chakrabarti, B.K. Lecture Notes in Physics (2013) 862, pp. 1-414, SCOPUS

ADCA68 DHALLÉ, M. - VAN WEEREN, H. - WESSEL, S. - DEN OUDEN, A. - TEN KATE, H.H. - HUŠEK, Imrich - KOVÁČ, Pavol - SCHLACHTER, S. - GOLDACKER, W. Scaling the reversible strain response of MgB2 conductors. In *Superconductor Science and Technology*, 2005, vol. 18, p. S253-S260. (1.556 - IF2004). (2005 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] CHEGGOUR, N. - LU, X.F. - HOLESINGER, T.G. - STAUFFER, T.C. - JIANG, J. - GOODRICH, L.F. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JAN 2012, vol. 25, no. 1., WOS

[1.1] MALACHEVSKY, M.T. - SERQUIS, A.C. - SERRANO, G. - ARIAS, J.P.M. - GIUNCHI, G. - PERINI, E. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 3, p. 2676-2679., WOS

[1.1] NISHIJIMA, G. - YE, S.J. - MATSUMOTO, A. - TOGANO, K. -

KUMAKURA, H. - KITAGUCHI, H. - OGURO, H. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAY 2012, vol. 25, no. 5., WOS

ADCA69 DIANTORO, M. - LOEKSMANTO, W. - TJIA, M.O. - GÖMÖRY, Fedor - ŠOUC, Ján - HUŠEK, Imrich - KOVÁČ, Pavol. AC loss and critical current density in Bi-2223 tapes with oxide additives and reinforced. In *Physica C*, 2002, vol. 372-376, p. 1143-1147. (0.806 - IF2001). (2002 - Current Contents, WOS, SCOPUS). ISSN 0921-4534.

Ohlasy:

[1.1] AZMAN, N.J. - ABDULLAH, H. - ABD-SHUKOR, R. In ADVANCES IN CONDENSED MATTER PHYSICS. 2014., WOS

ADCA70 DOBROČKA, Edmund - OSVALD, Jozef. Influence of barrier height distribution on the parameters of Schottky diodes. In *Applied Physics Letters*, 1994, vol. 65, p. 575.

Ohlasy:

[1.1] AFANDIYEVA, I.M. - DEMIREZEN, S. - ALTINDAL, S. In JOURNAL OF ALLOYS AND COMPOUNDS. MAR 5 2013, vol. 552, p. 423-429., WOS

[1.1] AKKAYA, A. - KARAASLAN, T. - DEDE, M. - CETIN, H. - AYYILDIZ, E. In THIN SOLID FILMS. AUG 1 2014, vol. 564, p. 367-374., WOS

[1.1] ASGHAR, M. - MAHMOOD, K. - ALI, A. - HASAN, M.A. In ADVANCED MATERIALS XII. 2012, vol. 510-511, p. 265-270., WOS

[1.1] BOBBY, A. - VERMA, S. - ASOKAN, K. - SARUN, P.M. - ANTONY, B.K. In PHYSICA B-CONDENSED MATTER. DEC 15 2013, vol. 431, p. 6-10., WOS

[1.1] BOZHKOV, V.G. - SHMARGUNOV, A.V. In JOURNAL OF APPLIED PHYSICS. MAR 1 2012, vol. 111, no. 5., WOS

[1.1] BOZHKOV, V.G. - TORKHOV, N.A. - SHMARGUNOV, A.V. In JOURNAL OF APPLIED PHYSICS. APR 1 2011, vol. 109, no. 7., WOS

[1.1] CETIN, H. - BOYARBAY, B. - AKKAYA, A. - UYGUN, A. - AYYILDIZ, E. In SYNTHETIC METALS. NOV-DEC 2011, vol. 161, no. 21-22, p. 2384-2389., WOS

[1.1] EJDERHA, K. - DUMAN, S. - NUHOGLU, C. - URHAN, F. - TURUT, A. In JOURNAL OF APPLIED PHYSICS. DEC 21 2014, vol. 116, no. 23., WOS

[1.1] EJDERHA, K. - YILDIRIM, N. - TURUT, A. - ABAY, B. In EUROPEAN PHYSICAL JOURNAL-APPLIED PHYSICS. JAN 2012, vol. 57, no. 1., WOS

[1.1] EJDERHA, K. - YILDIRIM, N. - TURUT, A. In EUROPEAN PHYSICAL JOURNAL-APPLIED PHYSICS. NOV 2014, vol. 68, no. 2., WOS

[1.1] EJDERHA, K. - ZENGIN, A. - ORAK, I. - TASYUREK, B. - KILINC, T. - TURUT, A. In MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING. MAR 2011, vol. 14, no. 1, p. 5-12., WOS

[1.1] ELHAJI, A. - EVANS-FREEMAN, J.H. - EL-NAHASS, M.M. - KAPPERS, M.J. - HUMPHRIES, C.J. In MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING. JAN 2014, vol. 17, p. 94-99., WOS

[1.1] FARAG, A.A.M. - YAHIA, I.S. In SYNTHETIC METALS. JAN 2011, vol. 161, no. 1-2, p. 32-39., WOS

[1.1] FIAT, S. - MERDAN, Z. - MEMMEDLI, T. In PHYSICA B-CONDENSED MATTER. JUL 1 2012, vol. 407, no. 13, p. 2560-2565., WOS
[1.1] GEDIKPINAR, M. - CAVAS, M. - ALAHMED, Z.A. - YAKUPHANOGLU, F. In SUPERLATTICES AND MICROSTRUCTURES. JUL 2013, vol. 59, p. 123-132., WOS
[1.1] GULLU, O. - TURUT, A. In JOURNAL OF ALLOYS AND COMPOUNDS. JAN 21 2011, vol. 509, no. 3, p. 571-577., WOS
[1.1] KORUCU, D. - DUMAN, S. In THIN SOLID FILMS. MAR 15 2013, vol. 531, p. 436-441., WOS
[1.1] KORUCU, D. - TURUT, A. - EFEOGLU, H. In PHYSICA B-CONDENSED MATTER. APR 1 2013, vol. 414, p. 35-41., WOS
[1.1] KUMAR, R. - CHAND, S. In PHYSICS OF SEMICONDUCTOR DEVICES. 2014, p. 359-362., WOS
[1.1] LI, J.Y. - OHASHI, N. - OKUSHI, H. - HANEDA, H. In PHYSICAL REVIEW B. MAR 28 2011, vol. 83, no. 12., WOS
[1.1] MODI, B.P. - DHIMMAR, J.M. In 2012 1ST INTERNATIONAL CONFERENCE ON EMERGING TECHNOLOGY TRENDS IN ELECTRONICS, COMMUNICATION AND NETWORKING (ET2ECN). ET2ECN 2012 (2012) art. no. 6470063, WOS
[1.1] OZERLI, H. - KARTERI, I. - KARATAS, S. - ALTINDAL, S. In MATERIALS RESEARCH BULLETIN. MAY 2014, vol. 53, p. 211-217., WOS
[1.1] PAKMA, O. In INTERNATIONAL JOURNAL OF PHOTOENERGY. 2012., WOS
[1.1] PAKMA, O. - TOZLU, C. - KAVASOGLU, N. - KAVASOGLU, A.S. - OZDEN, S. In JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY. APR 2011, vol. 58, no. 1, p. 244-250., WOS
[1.1] REDDY, M.S.P. - KANG, H.S. - LEE, J.H. - REDDY, V.R. - JANG, J.S. In JOURNAL OF APPLIED POLYMER SCIENCE. JAN 15 2014, vol. 131, no. 2., WOS
[1.1] REDDY, Y.M. - NAGARAJ, M.K. - REDDY, M.S.P. - LEE, J.H. - REDDY, V.R. In BRAZILIAN JOURNAL OF PHYSICS. APR 2013, vol. 43, no. 1-2, p. 13-21., WOS
[1.1] SAADAOUI, S. - BEN SALEM, M.M. - GASSOUMI, M. - MAAREF, H. - GAQUIERE, C. In JOURNAL OF APPLIED PHYSICS. JUL 1 2011, vol. 110, no. 1., WOS
[1.1] SOYLU, M. - YAKUPHANOGLU, F. - FAROOQ, W.A. In OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS. JAN 2011, vol. 5, no. 1-2, p. 135-142., WOS
[1.1] SUMESH, C.K. - PATEL, K.D. - PATHAK, V.M. - SRIVASTAV, R. In CHINESE PHYSICS LETTERS. AUG 2011, vol. 28, no. 8., WOS
[1.1] SUMESH, C.K. - PATEL, K.D. - PATHAK, V.M. - SRIVASTAV, R. In EUROPEAN PHYSICAL JOURNAL-APPLIED PHYSICS. OCT 2011, vol. 56, no. 1., WOS
[1.1] TATAROGLU, A. - ALTINDAL, S. - PUR, F.Z. - ATASEVEN, T. - SEZGIN, S. In OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS. MAR 2011, vol. 5, no. 3-4, p. 438-442., WOS
[1.1] TATAROGLU, A. - PUR, F.Z. In PHYSICA SCRIPTA. JUL 2013, vol. 88, no. 1., WOS
[1.1] TECIMER, H. - AKSU, S. - USLU, H. - ATASOY, Y. - BACAKSIZ,

E. - ALTINDAL, S. In SENSORS AND ACTUATORS A-PHYSICAL. OCT 2012, vol. 185, p. 73-81., WOS

[1.2] Modi, B.P. Journal of Nano- and Electronic Physics 3 (2011) 680, SCOPUS

ADCA71 DOBROČKA, Edmund. The effect of growth orientation on the resolved shear stresses for horizontal bridgman grown gas crystals. In *Journal of Crystal Growth*, 1990, vol. 104, p. 428.

Ohlasy:

[1.1] GAO, B. - NAKANO, S. - HARADA, H. - MIYAMURA, Y. - KAKIMOTO, K. In CRYSTAL GROWTH & DESIGN. JUN 2013, vol. 13, no. 6, p. 2661-2669., WOS

ADCA72 DONOVAL, D. - CHVÁLA, A. - ŠRAMATÝ, R. - KOVÁČ, Jaroslav - CARLIN, J.-F. - GRANDJEAN, N. - POZZOVIVO, G. - KUZMÍK, Ján - POGANY, D. - STRASSER, G. - KORDOŠ, Peter. Current transport and barrier height evaluation in Ni/InAlN/GaN Schottky diodes. In *Applied Physics Letters*, 2010, vol. 96, 223501. (3.554 - IF2009). (2010 - Current Contents, SCOPUS). ISSN 0003-6951.

Ohlasy:

[1.1] EJDERHA, K. - ZENGIN, A. - ORAK, I. - TASYUREK, B. - KILINC, T. - TURUT, A. In MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING. MAR 2011, vol. 14, no. 1, p. 5-12., WOS

[1.1] GANGULY, S. - KONAR, A. - HU, Z.Y. - XING, H.L. - JENA, D. In APPLIED PHYSICS LETTERS. DEC 17 2012, vol. 101, no. 25., WOS

[1.1] HAHN, H. - REUTERS, B. - KALISCH, H. - VESCAN, A. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. JUL 2013, vol. 28, no. 7, SI., WOS

[1.1] CHEN, Z.T. - FUJITA, K. - ICHIKAWA, J. - EGAWA, T. In IEEE ELECTRON DEVICE LETTERS. MAY 2011, vol. 32, no. 5, p. 620-622., WOS

[1.1] KIM, S. - RYOU, J.H. - DUPUIS, R.D. - KIM, H. In APPLIED PHYSICS LETTERS. FEB 4 2013, vol. 102, no. 5., WOS

[1.1] KYAW, L.M. - DOLMANAN, S.B. - BERA, M.K. - LIU, Y. - TAN, H.R. - BHAT, T.N. - DIKME, Y. - CHOR, E.F. - TRIPATHY, S. In ECS SOLID STATE LETTERS. 2014, vol. 3, no. 2, p. Q5-Q8., WOS

[1.1] KYAW, L.M. - LIU, Y. - BERA, M.K. - NGOO, Y.J. - TRIPATHY, S. - CHOR, E.F. In WIDE-BANDGAP SEMICONDUCTOR MATERIALS AND DEVICES 14. 2013, vol. 53, no. 2, p. 75-83., WOS

[1.1] MAO, W. - HAO, Y. - YANG, C. - ZHANG, J.C. - MA, X.H. - WANG, C. - LIU, H.X. - YANG, L.A. - ZHANG, J.F. - ZHENG, X.F. - ZHANG, K. - CHEN, Y.H. - YANG, L.Y. In CHINESE PHYSICS LETTERS. MAY 2013, vol. 30, no. 5., WOS

[1.1] MAO, W. - YANG, C. - HAO, Y. - ZHANG, J.C. - LIU, H.X. - BI, Z.W. - XU, S.R. - XUE, J.S. - MA, X.H. - WANG, C. - YANG, L.A. - ZHANG, J.F. - KUANG, X.W. In CHINESE PHYSICS B. JAN 2011, vol. 20, no. 1., WOS

[1.1] MINJ, A. - CAVALCOLI, D. - CAVALLINI, A. In NANOTECHNOLOGY. MAR 23 2012, vol. 23, no. 11., WOS

[1.1] XUE, J.S. - ZHANG, J.C. - ZHANG, K. - ZHAO, Y. - ZHANG, L.X. - MA, X.H. - LI, X.G. - MENG, F.N. - HAO, Y. In JOURNAL OF APPLIED PHYSICS. JUN 1 2012, vol. 111, no. 11., WOS

[1.2] Rafei, A.E. Callet, G., Mouginot, G., Faraj, J., Laurent, S., Prigent, M., Quere, R., Jardel, O., Delage, S. In EuMW 2011 , art. no. 6102856 , pp. 5-8, SCOPUS

ADCA73 DONOVAL, D. - FLOROVIČ, M. - GREGUŠOVÁ, Dagmar - KOVÁČ, Jaroslav - KORDOŠ, Peter. High temperature performance of AlGaN/GaN HFETs and MOSHFETs. In *Microelectronics reliability*, 2008, vol. 48, p. 1669-1672. (1.010 - IF2007). (2008 - Current Contents). ISSN 0026-2714.

Ohlasy:

[1.1] FONTSERE, A. - PEREZ-TOMAS, A. - PLACIDI, M. - BARON, N. - CHENOT, S. - MORENO, J.C. - CORDIER, Y. In ECS SOLID STATE LETTERS. 2013, vol. 2, no. 1, p. P4-P7., WOS

[1.1] HUSNA, F. - LACHAB, M. - SULTANA, M. - ADIVARAHAN, V. - FAREED, Q. - KHAN, A. In IEEE TRANSACTIONS ON ELECTRON DEVICES. SEP 2012, vol. 59, no. 9, p. 2424-2429., WOS

[1.1] JANKOWSKI, J. - EL-AHMAR, S. - OSZWALDOWSKI, M. In SENSORS. JAN 2011, vol. 11, no. 1, p. 876-885., WOS

[1.1] LIU, H.Y. - LEE, C.S. - HSU, W.C. - TSENG, L.Y. - CHOU, B.Y. - HO, C.S. - WU, C.L. In IEEE TRANSACTIONS ON ELECTRON DEVICES. JUL 2013, vol. 60, no. 7, p. 2231-2237., WOS

[1.1] PEREZ-TOMAS, A. - FONTSERE, A. - PLACIDI, M. - BARON, N. - CHENOT, S. - MORENO, J.C. - CORDIER, Y. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. DEC 2012, vol. 27, no. 12., WOS

[1.1] PEREZ-TOMAS, A. - FONTSERE, A. - JENNINGS, M.R. - GAMMON, P.M. In MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING. OCT 2013, vol. 16, no. 5, SI, p. 1336-1345., WOS

[1.2] Maize, K., Heller, E., Dorsey, D.,Shakouri, A. Annual IEEE Semiconductor Thermal Measurement and Management Symposium (2012) art. no. 6188846 , pp. 173-181, SCOPUS

ADCA74 DONOVAL, D. - CHVÁLA, A. - ŠRAMATÝ, R. - KOVÁČ, Ján - MORVAN, E. - DUA, C. - DI FORTE POISSON, M.A. - KORDOŠ, Peter. Transport properties and barrier height evaluation in Ni/InAlN/GaN Schottky diodes. In *Journal of Applied Physics*, 2011, vol. 109, 063711. (2.079 - IF2010). (2011 - Current Contents). ISSN 0021-8979.

Ohlasy:

[1.1] ARSLAN, E. - CAKMAK, H. - OZBAY, E. In MICROELECTRONIC ENGINEERING. DEC 2012, vol. 100, p. 51-56., WOS

[1.1] BOBBY, A. - GUPTA, P.S. - ANTONY, B.K. In EUROPEAN PHYSICAL JOURNAL-APPLIED PHYSICS. OCT 2012, vol. 60, no. 1., WOS

[1.1] BOBBY, A. - SHIWAKOTI, N. - VERMA, S. - GUPTA, P.S. - ANTONY, B.K. In MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING. MAY 2014, vol. 21, p. 116-121., WOS

[1.1] BOBBY, A. - VERMA, S. - ASOKAN, K. - SARUN, P.M. - ANTONY, B.K. In PHYSICA B-CONDENSED MATTER. DEC 15 2013, vol. 431, p. 6-10., WOS

[1.1] ELHAJI, A. - EVANS-FREEMAN, J.H. - EL-NAHASS, M.M. - KAPPERS, M.J. - HUMPHRIES, C.J. In MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING. JAN 2014, vol. 17, p. 94-99., WOS

[1.1] LUGANI, L. - PY, M.A. - CARLIN, J.F. - GRANDJEAN, N. In

JOURNAL OF APPLIED PHYSICS. FEB 21 2014, vol. 115, no. 7., WOS
[1.1] WANG, L. - LU, M. - WANG, X.A. - YU, Y.Q. - ZHAO, X.Z. - LV, P. - SONG, H.W. - ZHANG, X.W. - LUO, L.B. - WU, C.Y. - ZHANG, Y. - JIE, J.S. In JOURNAL OF MATERIALS CHEMISTRY A. 2013, vol. 1, no. 4, p. 1148-1154., WOS
[1.1] WU, M. - ZHENG, D.Y. - WANG, Y. - CHEN, W.W. - ZHANG, K. - MA, X.H. - ZHANG, J.C. - HAO, Y. In CHINESE PHYSICS B. SEP 2014, vol. 23, no. 9., WOS
[1.1] XIE, S. - FENG, Z.H. - ZHANG, S.L. - LIU, B. - MAO, L.H. In 2011 INTERNATIONAL CONFERENCE OF ELECTRON DEVICES AND SOLID-STATE CIRCUITS (EDSSC). 2011., WOS

ADCA75 DRŽÍK, Milan - LÖSCHNER, H. - HAUGENEDER, E. - FALLMANN, W. - HUDEK, Peter - RANGELOW, I.W. - SAROV, Y. - LALINSKÝ, Tibor - CHLPÍK, J. Mechanical characterization of membrane like microelectronic component. In *Microelectronic Engineering*. - Amsterdam : Elsevier Science Publishers, 2006, vol. 83, p. 1036-1042. ISSN 0167-9317.
Ohlasy:
[1.1] CORNEZ, Didier - ELGOYHEN, Jocelyn - HUTSON, David - PERCIER, Cecile - PLISSARD, Perrine - BEGBIE, Mark - CHAEHOI, Aboubacar - KIRK, Katherine J. Electrical and optical characterisation of aluminium nitride piezoelectric films on silicon nitride membranes. In JOURNAL OF ELECTROCERAMICS. ISSN 1385-3449, 2011, vol. 27, no. 1, pp. 33-37., WOS

ADCA76 DUBECKÝ, František - ZAŤKO, Bohumír - HUBÍK, P. - GOMBIA, E. - BOHÁČEK, Pavol - HURAN, Jozef. A new kind of quasi-ohmic metallization in semi-insulating GaAs: study of electrical characteristics. In *Nuclear Instruments and Methods in Physics Research A*, 2009, vol. 607, p. 132-134. (1.019 - IF2008). ISSN 0168-9002.
Ohlasy:
[1.1] LEAU, W.K. - CHU, J.P. - LIN, C.H. In APPLIED SURFACE SCIENCE. JUN 1 2011, vol. 257, no. 16, p. 7286-7290., WOS

ADCA77 DUBECKÝ, František - OLEJNÍKOVÁ, Božena. C-V analysis of the Schottky barrier in semi-insulating semiconductors. In *Journal of Applied Physics*, 1991, vol. 69, p. 1769.
Ohlasy:
[1.1] SHANMUGAM, M. - DURCAN, C.A. - YU, B. In NANOSCALE. 2012, vol. 4, no. 23, p. 7399-7405., WOS

ADCA78 DUBECKÝ, František - PERĎOCHOVÁ, A. - ŠČEPKO, Pavol - ZAŤKO, Bohumír - SEKERKA, Vladimír - NEČAS, V. - SEKÁČOVÁ, Mária - HUDEC, Milan - BOHÁČEK, Pavol - HURAN, Jozef. Digital X-ray portable scanner based on monolithic semi-insulating GaAs detectors : general description and first „quantum“ images. In *Nuclear Instruments and Methods in Physics Research A*. Sect. A.Accelerators, Spectrometers, Detectors, and Associated Equipment. - Amsterdam : North-Holland, 2005, vol. 546, p. 118-124. ISSN 0168-9002.
Ohlasy:
[1.1] VEALE, M.C. - BELL, S.J. - DUARTE, D.D. - FRENCH, M.J. -

SCHNEIDER, A. - SELLER, P. - WILSON, M.D. - LOZINSKAYA, A.D. - NOVIKOV, V.A. - TOLBANOV, O.P. - TYAZHEV, A. - ZARUBIN, A.N. In NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT. JUL 11 2014, vol. 752, p. 6-14., WOS

[1.2] Prokopyev, D.G., Tatarnikov, D.A.,Lagunova, Z.V. Proceedings - 2012 7th International Forum on Strategic Technology, IFOST (2012), art. no. 6357750, SCOPUS

ADCA79 DUBECKÝ, František - FORNARI, R. - DARMO, Juraj - PIKNA, M. - GOMBIA, E. - KREMPASKÝ, Marián - SEKÁČOVÁ, Mária - HUDEK, Peter - RUČEK, Miloslav. Electrical and detection properties of the particle detectors based on LEC semi-insulating InP. In *Nuclear Instruments and Methods in Physics Research A*, 1998, vol. 408, p. 491-495. (0.890 - IF1997). (1998 - Current Contents).

Ohlasy:

[1.1] YATSKIV, R. - GRYM, J. - ZDANSKY, K. In JOURNAL OF INSTRUMENTATION. JAN 2011, vol. 6., WOS

[1.1] YATSKIV, R. - GRYM, J. In JOURNAL OF INSTRUMENTATION. OCT 2012, vol. 7., WOS

[3] Avenel-Le Guerroue, M.L.: PhD Thesis. Grenoble: CEA - LETI - Direction de la Recherche Technologique 2012.

ADCA80 DUBECKÝ, František - FERRARI, C. - KORYTÁR, Dušan - GOMBIA, E. - NEČAS, V. Performance of semi-insulating GaAs-based radiation detectors: Role of key physical parameters of base mnaterials. In *Nuclear Instruments and Methods in Physics Research A*.Accelerators, Spectrometers, Detectors, and Associated Equipment, 2007, vol. 576, p. 27-31. (1.190 - IF2006). (2007 - Current Contents). ISSN 0168-9002.

Ohlasy:

[1.1] D'AILLON, E.G. - AVENEL, M.L. - FARCAGE, D. - VERGER, L. In NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT. NOV 1 2013, vol. 727, p. 126-130., WOS

[1.1] MANIFACIER, J.C. In SOLID-STATE ELECTRONICS. FEB 2013, vol. 80, p. 45-54., WOS

[1.1] MOULEESWARAN, D. - KOYAMA, T. - TANAKA, A. - HAYAKAWA, Y. In JOURNAL OF CRYSTAL GROWTH. JAN 1 2013, vol. 362, p. 238-242., WOS

[3] Avenel-Le Guerroue, M.L.: PhD Thesis. Grenoble: CEA - LETI - Direction de la Recherche Technologique 2012.

ADCA81 DUBECKÝ, František - HULICIUS, E. - FRIGERI, P. - ŠAGÁTOVÁ-PERĎOCHOVÁ, A. - ZAŤKO, Bohumír - HUBÍK, P. - GOMBIA, E. - BOHÁČEK, Pavol - PANGRÁC, J. - FRANCHI, S. - NEČAS, V. Performance study of radiation detector based on semi-insulating GaAs with P+ homo- and heterojunction blocking electrode. In *Nuclear Instruments and Methods in Physics Research A*. Sect. A. - Amsterdam : North-Holland, 2006, vol. 563, p. 159-162. (2006 - Current Contents). ISSN 0168-9002.

Ohlasy:
[3] Avenel-Le Guerroue, M.L.: PhD Thesis. Grenoble: CEA - LETI - Direction de la Recherche Technologique 2012.

ADCA82 DUCHATEAU, J.L. - TURCK, B. - KREMPASKÝ, Ludovít - POLÁK, Milan. The self field effect in twisted superconducting composites. In *Cryogenics*, 1976, vol. 16, p. 97. ISSN 0011-2275.
Ohlasy:
[1.1] STENVALL, A. - SIAHRANG, M. - GRILLI, F. - SIROIS, F. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. APR 2013, vol. 26, no. 4., WOS
[1.1] ZHOU, C. - DHALLE, M. - TEN KATE, H. H. J. - NIJHUIS, A. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. SEP 2014, vol. 27, no. 9., WOS
[1.1] ZHOU, C. - MIYOSHI, Y. - VAN LANEN, E.P.A. - DHALLE, M. - NIJHUIS, A. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUN 2012, vol. 25, no. 6., WOS
[1.1] ZHOU, C. - MIYOSHI, Y. - VAN LANEN, E.P.A. - DHALLE, M. - NIJHUIS, A. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JAN 2012, vol. 25, no. 1., WOS

ADCA83 EICKELKAMP, M. - WEINGARTEN, M. - KHOSHROO, L.R. - KETTENISS, N. - BEHMENBURG, H. - HEUKEN, M. - DONOVAL, D. - CHVÁLA, A. - KORDOŠ, Peter - KALISCH, H. - VESCAN, A. Electrical properties of thermally oxidized AlInN/AlN/GaN-based metal oxide semiconductor hetero field effect transistors. In *Journal of Applied Physics*, 2011, vol. 110, 084501. (2.079 - IF2010). (2011 - Current Contents). ISSN 0021-8979. Dostupné na internete: <http://gateway.isiknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord&UT=WOS:000275756000009>.
Ohlasy:
[1.1] HUANG, S. - WEI, K. - TANG, Z.K. - YANG, S. - LIU, C. - GUO, L. - SHEN, B. - ZHANG, J.H. - KONG, X. - LIU, G.G. - ZHENG, Y.K. - LIU, X.Y. - CHEN, K.J. In JOURNAL OF APPLIED PHYSICS. OCT 14 2013, vol. 114, no. 14., WOS
[1.1] JARDEL, O. - JACQUET, J.C. - BACZKOWSKI, L. - CARISETTI, D. - LANCEREAU, D. - OLIVIER, M. - AUBRY, R. - POISSON, M.A.D. - DUA, C. - PIOTROWICZ, S. - DELAGE, S.L. In INTERNATIONAL JOURNAL OF MICROWAVE AND WIRELESS TECHNOLOGIES. DEC 2014, vol. 6, no. 6, SI, p. 565-572., WOS
[1.1] LACHAB, M. - SULTANA, M. - FAREED, Q. - HUSNA, F. - ADIVARAHAN, V. - KHAN, A. In JOURNAL OF PHYSICS D-APPLIED PHYSICS. APR 2 2014, vol. 47, no. 13., WOS
[1.1] LIU, H.F. - YAKOVLEV, N.L. - CHI, D.Z. - LIU, W. In JOURNAL OF SOLID STATE CHEMISTRY. JUN 2014, vol. 214, SI, p. 91-95., WOS
[1.1] POLYAKOV, A.Y. - SMIRNOV, N.B. - HA, M.W. - HAHN, C.K. - KOZHUKHOVA, E.A. - GOVORKOV, A.V. - RYZHUK, R.V. - KARGIN, N.I. - CHO, H.S. - LEE, I.H. In JOURNAL OF ALLOYS AND COMPOUNDS. OCT 25 2013, vol. 575, p. 17-23., WOS

[1.1] SULTANA, M. - MUHTADI, S. - LACHAB, M. - ADIVARAHAN, V. - KHAN, A. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. NOV 2014, vol. 29, no. 11., WOS

ADCA84 EISTERER, M. - HAESSLER, W. - KOVÁČ, Pavol. Critical currents in weakly textured MgB2: Nonlinear transport in anisotropic heterogeneous media. In *Physical Review B : condensed matter and materials physics*, 2009, vol. 80, art. no. 174516. (3.322 - IF2008). (2009 - Current Contents, WOS, SCOPUS). ISSN 1098-0121.

Ohlasy:

[1.1] SANDU, V. In MODERN PHYSICS LETTERS B. JUN 10 2012, vol. 26, no. 14., WOS

[1.1] SANDU, V. - ALDICA, G. - POPA, S. - BADICA, P. - CIMPOIASU, E. - DUMITRACHE, F. - SANDU, E. In JOURNAL OF APPLIED PHYSICS. DEC 15 2011, vol. 110, no. 12., WOS

ADCA85 ELIÁŠ, Peter - ŠTRICHOVANEC, Pavol - KOSTIČ, Ivan - NOVÁK, Jozef. Conformal, planarizing and bridging AZ5214-E layers deposited by a 'draping' technique on non-planar III-V substrates. In *Journal of Micromechanics and Microengineering*, 2006, vol. 16, p. 2608–2617. ISSN 0960-1317.

Ohlasy:

[1.1] ANDOK, R. - BENCUROVA, A. - HRKUT, P. - KONECNIKOVA, A. - MATAY, L. - NEMEC, P. - SKRINIAROVA, J. THE AZ 5214E RESIST IN EBDW LITHOGRAPHY AND ITS USE AS A RIE ETCH-MASK IN ETCHING THIN AG LAYERS IN N-2 PLASMA. In JOURNAL OF ELECTRICAL ENGINEERING-ELEKTROTECHNICKY CASOPIS. NOV-DEC 2013, vol. 64, no. 6, p. 371-375., WOS

ADCA86 ELIÁŠ, Peter - GREGUŠOVÁ, Dagmar - MARTAUS, Jozef - KOSTIČ, Ivan. Conformal AZ5214-E resist deposition on patterned (1 0 0) InP substrates. In *Journal of Micromechanics and Microengineering*, 2006, vol. 16, p. 191–197. ISSN 0960-1317.

Ohlasy:

[1.2] ANDOK, Robert - BENČUROVÁ, Anna - HRKÚT, Pavol - KONEČNÍKOVÁ, Anna - MATAY, Ladislav - NEMEC, Pavol - ŠKRINIAROVÁ, Jaroslava. The AZ 5214E resist in EBDW lithography and its use as a RIE ETCH-mask in etching thin Ag layers in N2 plasma. In Journal of Electrical Engineering. ISSN 13353632, 2013-11-19, 64, 6, pp. 371-375., SCOPUS

ADCA87 ELIÁŠ, Peter - KOSTIČ, Ivan - ŠOLTÝS, Ján - HASENÖHRL, Stanislav. Wet-etch bulk micromachining of (100) InP substrates. In *Journal of Micromechanics and Microengineering*, 2004, vol. 14, p. 1205–1214. ISSN 0960-1317.

Ohlasy:

[1.1] ANDRES-GARCIA, Belen - GARCIA-MUNOZ, Enrique - BAUERSCHMIDT, Sebastian - PREU, Sascha - MALZER, Stefan - DOEHLER, Gottfried H. - WANG, Lijun - SEGOVIA-VARGAS, Daniel. Gain Enhancement by Dielectric Horns in the Terahertz Band. In IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION. ISSN 0018-926X, 2011, vol. 59, no. 9, pp.

3164-3170., WOS

[1.1] NIA, I.H. - MOHSENI, H. Precise Formation of Dovetail Structures for InP-Based Devices. In ECS SOLID STATE LETTERS. 2013, vol. 2, no. 5, p. P44-P46., WOS

[1.1] WU, Wei - HASSANI, Iman - MOHSENI, Hooman. Interlevel Cascade Transition in Electrically Confined Quantum Wire Arrays. In ACS NANO. ISSN 1936-0851, 2011, vol. 5, no. 9, pp. 7488-7493., WOS

[1.1] YANG, H. - DAUNT, C. L. L. M. - HAN, W. - THOMAS, K. - CORBETT, B. - PETERS, F. H. Air-bridge high-speed InGaAs/InP waveguide photodiode. In OPTICAL SENSING AND DETECTION II. ISSN 0277-786X, 2012, vol. 8439, no., pp., WOS

[1.1] YANG, H. - DAUNT, C.L.L.M. - HAN, W. - THOMAS, K. - CORBETT, B. - PETERS, F.H. Air-bridge high-speed InGaAs/InP waveguide photodiode. In OPTICAL SENSING AND DETECTION II. 2012, vol. 8439., WOS

[3] Garcia, B.A. Enhancing the radiated power in the Terahertz band. PhD Thesis, Univ. Carlos III de Madrid. 2013.

[3] Kaspar, P. Active photonic crystal devices based on InP/InGaAsP/InP Slab waveguides. PhD Thesis, ETH Zürich. 2012.

ADCA88 FABBRICATORE, P. - PRIANO, C. - SCIUTTI, A. - GEMME, G. - MUSENICH, R. - PARODI, R. - GÖMÖRY, Fedor - THOMPSON, J.R. Flux pinning in Bi-2212/Ag-based wires and coils. In *Physical Review B*, 1996, vol. 54, p. 12 543-12 550. (2.834 - IF1995). (1996 - Current Contents).

Ohlasy:

[1.1] KOBLISCHKA, M. R. - MURALIDHAR, M. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. JAN 2014, vol. 496, p. 23-27., WOS

[1.1] MATIN, M. - CHANDRA, L.S.S. - CHATTOPADHYAY, M.K. - MEENA, R.K. - KAUL, R. - SINGH, M.N. - SINHA, A.K. - ROY, S.B. In JOURNAL OF APPLIED PHYSICS. APR 28 2013, vol. 113, no. 16., WOS

[1.1] PAREDES, O. - MORAN, O. - BACA, E. In JOURNAL OF APPLIED PHYSICS. JAN 28 2013, vol. 113, no. 4., WOS

[1.1] SANDU, V. In MODERN PHYSICS LETTERS B. JUN 10 2012, vol. 26, no. 14., WOS

[1.1] SUSNER, M.A. - SUMPTION, M.D. - RINDFLEISCH, M.A. - COLLINGS, E.W. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. JUL 2013, vol. 490, p. 20-25., WOS

ADCA89 FABBRICATORE, P. - GRECO, M. - MUSENICH, R. - KOVÁČ, Pavol - HUŠEK, Imrich - GÖMÖRY, Fedor. Influence of the sintering process on critical currents, irreversibility lines and pinning energies in multifilamentary MgB2 wires. In *Superconductor Science and Technology*, 2003, vol. 16, 364-370. (2.138 - IF2002). (2003 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] LI, G.Z. - ZWAYER, J.B. - KOVACS, C.J. - SUSNER, M.A. - SUMPTION, M.D. - RINDFLEISCH, M.A. - THONG, C.J. - TOMSIC, M. - COLLINGS, E.W. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2014, vol. 24, no. 3., WOS

[1.1] YUCEL, E. - TERZIOGLU, C. - VARILCI, A. - BELENLI, I. In

JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS. AUG 2011, vol. 22, no. 8, p. 1143-1153., WOS

ADCA90 FABBRICATORE, P. - FARINON, S. - INNOCENTI, S. - GÖMÖRY, Fedor. Magnetic flux shielding in superconducting strip arrays. In *Physical Review B*, 2000, vol. 61, p. 6413-6421. (3.008 - IF1999). (2000 - Current Contents).

Ohlasy:

[1.1] CISZEK, M. - ROGACKI, K. - KARPINSKI, J. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. NOV 2011, vol. 471, no. 21-22, p. 794-797., WOS

[1.1] GRINENKO, V. - FUCHS, G. - NENKOV, K. - HOLZAPFEL, B. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAR 2013, vol. 26, no. 3., WOS

[1.1] NARAYANA, S. - SATO, Y. In ADVANCED MATERIALS. JAN 2012, vol. 24, no. 1, p. 71-+., WOS

[1.1] NAVAU, C. - DEL-VALLE, N. - SANCHEZ, A. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. FEB 2013, vol. 23, no. 1., WOS

[1.1] SUN, J. - WATANABE, H. - HAMABE, M. - KAWAHARA, T. - IIYOSHI, A. - YAMAGUCHI, S. In 26TH INTERNATIONAL CONFERENCE ON LOW TEMPERATURE PHYSICS (LT26), PTS 1-5. 2012, vol. 400., WOS

[1.1] SUN, J. - WATANABE, H. - HAMABE, M. - KAWAHARA, T. - IIYOSHI, A. - YAMAGUCHI, S. In ADVANCES IN SUPERCONDUCTIVITY XXIV. 2012, vol. 27, p. 372-375., WOS

[1.1] SUN, J. - YAMAUCHI, S. - WATANABE, H. - HAMABE, M. - KAWAHARA, T. - YAMAGUCHI, S. In SUPERCONDUCTIVITY CENTENNIAL CONFERENCE 2011. 2012, vol. 36, p. 1290-1295., WOS

ADCA91 FARINON, S. - FABBRICATORE, P. - GÖMÖRY, Fedor. Critical state and magnetization loss in multifilamentary superconducting wire solved through the commercial finite element code ANSYS. In *Superconductor Science and Technology*, 2010, vol. 23, 115004. (2.694 - IF2009). (2010 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] GU, C. - QU, T.M. - LI, X.F. - HAN, Z.H. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. APR 2013, vol. 23, no. 2., WOS

[1.1] SUN, J. - WATANABE, H. - HAMABE, M. - KAWAHARA, T. - IIYOSHI, A. - YAMAGUCHI, S. In 26TH INTERNATIONAL CONFERENCE ON LOW TEMPERATURE PHYSICS (LT26), PTS 1-5. 2012, vol. 400., WOS

[1.1] SUN, J. - WATANABE, H. - HAMABE, M. - KAWAHARA, T. - IIYOSHI, A. - YAMAGUCHI, S. In ADVANCES IN SUPERCONDUCTIVITY XXIV. 2012, vol. 27, p. 372-375., WOS

[1.1] SUN, J. - WATANABE, H. - HAMABE, M. - YAMAMOTO, N. - KAWAHARA, T. - YAMAGUCHI, S. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. NOV 2013, vol. 494, p. 297-301., WOS

[1.1] SUN, J. - WATANABE, H. - HAMABE, M. - KAWAHARA, T. - YAMAGUCHI, S. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 2., WOS

[1.1] SUN, J. - WATANABE, H. - HAMABE, M. - KAWAHARA, T. -

YAMAGUCHI, S. In 11TH EUROPEAN CONFERENCE ON APPLIED SUPERCONDUCTIVITY (EUCAS2013), PTS 1-4. 2014, vol. 507., WOS

[1.1] SUN, J. - YAMAUCHI, S. - WATANABE, H. - HAMABE, M. - KAWAHARA, T. - YAMAGUCHI, S. In SUPERCONDUCTIVITY CENTENNIAL CONFERENCE 2011. 2012, vol. 36, p. 1290-1295., WOS

[1.2] Krüger, P. Optimisation of Hysteretic Losses in High-Temperature Superconducting Wires. PhD Thesis Karlsruhe: KIT Scientific Publishing, 2014. ISBN 978 3 73150 185 5 pp. 1-218, SCOPUS

ADCA92 FARINON, S. - FABBRICATORE, P. - GÖMÖRY, Fedor - GRECO, M. - SEILER, Eugen. Modeling of current density distribution in critical state by commercial FE codes. In *IEEE Transactions on Applied Superconductivity*, vol. 15, 2005, p. 2867-2870.

Ohlasy:

[1.1] LAHTINEN, V. - STENVALL, A. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. MAR 2014, vol. 27, no. 3, p. 641-650., WOS

[1.1] STENVALL, A. - LAHTINEN, V. - LYLY, M. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. OCT 2014, vol. 27, no. 10., WOS

[1.1] ZHANG, M. - KVITKOVIC, J. - KIM, J.H. - KIM, C.H. - PAMIDI, S.V. - COOMBS, T.A. In APPLIED PHYSICS LETTERS. SEP 3 2012, vol. 101, no. 10., WOS

[1.2] Cicek, A., Inanir, F. Progress in Exergy, Energy, and the Environment Eds. Ibrahim Dincer, Adnan Midilli, Haydar Kucuk. Springer 2014. ISBN: 978-3-319-04680-8. P. 453-458, SCOPUS

ADCA93 FEDOR, Ján - CAMBEL, Vladimír - GREGUŠOVÁ, Dagmar - HANZELKA, P. - DÉRER, Ján - VOLKO, Jozef. Scanning vector Hall probe microscope. In *Review of Scientific Instruments*, 2003, vol. 74, p. 5105-5110. (1.437 - IF2002). (2003 - Current Contents, WOS, SCOPUS). ISSN 0034-6748.

Ohlasy:

[1.1] TANG, C.C. - LIN, H.T. - WU, S.L. - CHEN, T.J. - WANG, M.J. - LING, D.C. - CHI, C.C. - CHEN, J.C. In REVIEW OF SCIENTIFIC INSTRUMENTS. AUG 2014, vol. 85, no. 8., WOS

ADCA94 FEILHAUER, Juraj - MOŠKO, Martin. Coexistence of diffusive resistance and ballistic persistent current in disordered metallic rings with rough edges: possible origin of puzzling experimental values. In *Physical Review B*, 2013, vol. 88, 125424. (3.767 - IF2012). (2013 - Current Contents, WOS, SCOPUS). ISSN 1098-0121.

Ohlasy:

[1.1] DOPPLER, J. - MENDEZ-BERMUDEZ, J.A. - FEIST, J. - DIETZ, O. - KRIMER, D.O. - MAKAROV, N.M. - IZRAILEV, F.M. - ROTTER, S. In NEW JOURNAL OF PHYSICS. MAY 9 2014, vol. 16., WOS

ADCA95 FEILHAUER, Juraj - MOŠKO, Martin. Conductance and persistent current in quasi-one-dimensional systems with grain boundaries: Effects of the strongly reflecting and columnar grains. In *Physical Review B*, 2011, vol. 84, art. no. 085454. (3.774 - IF2010). (2011 - Current Contents, WOS, SCOPUS). ISSN 1098-0121.

Ohlasy:
[1.1] MIL'NIKOV, G. - MORI, N. In PHYSICAL REVIEW B. OCT 7 2013, vol. 88, no. 15., WOS
[1.1] MIL'NIKOV, G. - MORI, N. In PHYSICAL REVIEW B. JAN 30 2013, vol. 87, no. 3., WOS
[1.1] Tamura, R. In: Physical Review B, Vol. 86, No. 20, 2012, Art. No.205416, WOS
[3] Shanks, W.: Yale PhD Thesis, arXiv: 1112.339v1, (2011)

ADCA96 FEILHAUER, Juraj - MOŠKO, Martin. Persistent current in a disordered mesoscopic ring with many channels: Scattering-matrix based calculation. In *Physica E*, 2008, vol. 40, p. 1582-1585. (0.830 - IF2007).
Ohlasy:
[1.1] LUO, Z.H. - LIANG, G.D. In ACTA PHYSICA SINICA. MAR 2011, vol. 60, no. 3., WOS
[1.1] LUO, Z.H. - LIANG, G.D. In ACTA PHYSICA SINICA. ISSN 1000-3290, MAR 2012, vol. 61, no. 5., WOS
[1.1] SHAKOURI, K. - ESMAEILZADEH, M. - SZAFRAN, B. - SALEHANI, H.K. In JOURNAL OF PHYSICS-CONDENSED MATTER. JUN 8 2011, vol. 23, no. 22., WOS

ADCA97 FEILHAUER, Juraj - MOŠKO, Martin. Quantum and Boltzmann transport in a quasi-one-dimensional wire with rough edges. In *Physical Review B*, 2011, vol. 83, 245328. (3.774 - IF2010). (2011 - Current Contents, WOS, SCOPUS). ISSN 1098-0121.
Ohlasy:
[1.1] ALCAZAR-LOPEZ, A. - MENDEZ-BERMUDEZ, J.A. In PHYSICAL REVIEW E. MAR 6 2013, vol. 87, no. 3., WOS
[1.1] DOPPLER, J. - MENDEZ-BERMUDEZ, J.A. - FEIST, J. - DIETZ, O. - KRIMER, D.O. - MAKAROV, N.M. - IZRAILEV, F.M. - ROTTER, S. In NEW JOURNAL OF PHYSICS. MAY 9 2014, vol. 16., WOS
[1.1] MIL'NIKOV, G. - MORI, N. In PHYSICAL REVIEW B. OCT 7 2013, vol. 88, no. 15., WOS
[1.1] MIL'NIKOV, G. - MORI, N. In PHYSICAL REVIEW B. JAN 30 2013, vol. 87, no. 3., WOS
[1.1] PENA, A. - GIRSCHIK, A. - LIBISCH, F. - ROTTER, S. - CHABANOV, A.A. In NATURE COMMUNICATIONS. MAR 2014, vol. 5., WOS
[1.1] TAMURA, R. In PHYSICAL REVIEW B. ISSN 1098-0121, NOV 9 2012, vol. 86, no. 20., WOS
[1.1] XIAO, X.B. - LI, F. - LIU, N.H. In CHINESE PHYSICS LETTERS. ISSN 0256-307X, AUG 2012, vol. 29, no. 8., WOS
[1.1] XIAO, X.B. - LI, H.L. - ZHOU, G.H. - LIU, N.H. In EUROPEAN PHYSICAL JOURNAL B. SEP 2012, vol. 85, no. 9., WOS
[1.1] XU, H.Y. - HEINZEL, T. In JOURNAL OF PHYSICS-CONDENSED MATTER. ISSN 0953-8984, NOV 14 2012, vol. 24, no. 45., WOS
[1.1] YEPEZ, M. In SPECIAL TOPICS ON TRANSPORT THEORY: ELECTRONS, WAVES, AND DIFFUSION IN CONFINED SYSTEMS: V LEOPOLDO GARCIA-COLIN MEXICAN MEETING ON MATHEMATICAL

AND EXPERIMENTAL PHYSICS. 2014, vol. 1579, p. 31-38., WOS
[1.1] YEPEZ, M. - SAENZ, J.J. In EPL. OCT 2014, vol. 108, no. 1., WOS

ADCA98 FENDRYCH, F. - KRAUS, L. - CHAYKA, O. - LOBOTKA, Peter - VÁVRA, Ivo - TOUS, J. - STUDNICKA, V. - FRAIT, Z. Preparation of nanostructured magnetic films by the plasma jet techniques. In *Monatshefte für Chemie*. - Wien : Springer, 2002, vol. 133, p. 773-784. ISSN 0026-9247.
Ohlasy:
[1.1] KHAJEH, M. - LAURENT, S. - DASTAFKAN, K. In CHEMICAL REVIEWS. OCT 2013, vol. 113, no. 10, p. 7728-7768., WOS
[1.2] Demydenko, M.G., Kostyuk, D.M., Protsenko, S.I., Shumakova, N.I.: Journal of Nano- and Electronic Physics 6 (2014), 04046, SCOPUS

ADCA99 FERRARI, C. - KORYTÁR, Dušan. A monolithic monochromator-collimator for high resolution x-ray diffraction. In *Journal of Applied Crystallography*, 2001, vol. 34, p. 608-612. ISSN 0021-8898.
Ohlasy:
[1.1] OBERTA, P. - MIKULIK, P. - KITTLER, M. - HRDY, J. In JOURNAL OF SYNCHROTRON RADIATION. MAY 2011, vol. 18, Part 3, p. 522-526., WOS

ADCA100 FERRARI, C. - BUFFAGNI, E. - BONNINI, E. - KORYTÁR, Dušan. High diffraction efficiency in crystal curved by surface damage. In *Journal of Applied Crystallography*, 2013, vol. 46, p. 1576-1581. (3.343 - IF2012). (2013 - Current Contents, WOS, SCOPUS). ISSN 0021-8898.
Ohlasy:
[1.1] CAMATTARI, R. - DOLCINI, E. - BELLUCCI, V. - MAZZOLARI, A. - GUIDI, V. In JOURNAL OF APPLIED CRYSTALLOGRAPHY. OCT 2014, vol. 47, 5, p. 1762-1764., WOS

ADCA101 FERRARI, C. - KORYTÁR, Dušan - KUMAR, J. Study of residual strains in wafer crystal by means of lattice tilt mapping. In *Il Nuovo Cimento D*, 1997, vol. 19, p. 165. (0.500 - IF1996). (1997 - Current Contents).
Ohlasy:
[1.1] DOMAGALA, J.Z. - PASZKOWICZ, W. - BAK-MISIUK, J. - ERMAKOVA, O.N. - DABKOWSKA, H. In RADIATION PHYSICS AND CHEMISTRY. DEC 2013, vol. 93, p. 174-183., WOS

ADCA102 FORMISANO, A. - ILYIN, Yu. - MUZZI, L. - MARTONE, R. - GISLON, P. - NIJHUIS, A. - POLÁK, Milan - SBORCHIA, C. - STEPANOV, B. DC and transient current distribution analysis from self-field measurements on ITER PFIS conductor. In *Fusion Engineering and Design*, 2005, vol. 75-79, p. 11-15. ISSN 0920-3796.
Ohlasy:
[1.1] NORGREN, M. In INVERSE PROBLEMS IN SCIENCE AND ENGINEERING. 2014, vol. 22, no. 7, p. 1196-1213., WOS
[1.1] TIAN, S.X. - CHEN, Z.M. - LI, Y. - ZUO, Y.B. - WANG, X.W. In INTERNATIONAL JOURNAL OF APPLIED ELECTROMAGNETICS AND MECHANICS. 2012, vol. 39, no. 1-4, p. 105-112., WOS

ADCA103 FRAIT, Z. - ŠTURC, P. - TEMST, K. - BRUYNSERAEDE, Y. - VÁVRA, Ivo. Microwave and d.c. differential giant magnetoresestance study of iron/chromium superlattices. In *Solid State Communications*, 1999, vol. 112, p. 569-573. (1.297 - IF1998). (1999 - Current Contents, SCOPUS). ISSN 0038-1098.

Ohlasy:

[1.1] ENDEAN, D.E. - HEYMAN, J.N. - MAAT, S. - DAHLBERG, E.D. In PHYSICAL REVIEW B. DEC 19 2011, vol. 84, no. 21., WOS

ADCA104 FRÖHLICH, Karol - AARIK, J. - ŤAPAJNA, Milan - ROSOVÁ, Alica - AIDLA, A. - DOBROČKA, Edmund - HUŠEKOVÁ, Kristína. Epitaxial growth of high-k TiO2 rutile films on RuO2 electrodes. In *Journal of Vacuum Science and Technology B*, 2009, vol. 27, p. 266-270. (1.445 - IF2008). (2009 - Current Contents). ISSN 1071-1023.

Ohlasy:

[1.1] CLIMA, S. - KACZER, B. - GOVOREANU, B. - POPOVICI, M. - SWERTS, J. - VERHULST, A.S. - JURCZAK, M. - DE GENDT, S. - POURTOIS, G. In IEEE ELECTRON DEVICE LETTERS. MAR 2013, vol. 34, no. 3, p. 402-404., WOS

[1.1] JEON, W. - LEE, W. - YOO, Y.W. - AN, C.H. - HAN, J.H. - KIM, S.K. - HWANG, C.S. In JOURNAL OF MATERIALS CHEMISTRY C. 2014, vol. 2, no. 46, p. 9993-10001., WOS

[1.1] JEON, W. - YOO, S. - KIM, H.K. - LEE, W. - AN, C.H. - CHUNG, M.J. - CHO, C.J. - KIM, S.K. - HWANG, C.S. In ACS APPLIED MATERIALS & INTERFACES. DEC 20 2014, vol. 6, no. 23, p. 21632-21637., WOS

[1.1] KACZER, B. - CLIMA, S. - TOMIDA, K. - GOVOREANU, B. - POPOVICI, M. - KIM, M.S. - SWERTS, J. - BELMONTE, A. - WANG, W.C. - AFANAS'EV, V.V. - VERHULST, A.S. - POURTOIS, G. - GROESENEKEN, G. - JURCZAK, M. In JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B. JAN 2013, vol. 31, no. 1., WOS

[1.1] KIM, S.K. - HAN, S. - JEON, W. - YOON, J.H. - HAN, J.H. - LEE, W. - HWANG, C.S. In ACS APPLIED MATERIALS & INTERFACES. SEP 2012, vol. 4, no. 9, p. 4726-4730., WOS

[1.1] KIM, S.K. - KIM, K.M. - JEONG, D.S. - JEON, W. - YOON, K.J. - HWANG, C.S. In JOURNAL OF MATERIALS RESEARCH. FEB 2013, vol. 28, no. 3, p. 313-325., WOS

[1.1] LEE, S.W. - HAN, J.H. - KIM, S.K. - HAN, S. - LEE, W. - HWANG, C.S. In CHEMISTRY OF MATERIALS. FEB 22 2011, vol. 23, no. 4, p. 976-983., WOS

[1.1] MIIKKULAINEN, V. - LESKELA, M. - RITALA, M. - PUURUNEN, R.L. In JOURNAL OF APPLIED PHYSICS. JAN 14 2013, vol. 113, no. 2., WOS

[1.1] PESSOA, R.S. - PEREIRA, F.P. - TESTONI, G.E. - CHIAPPIM, W. - MACIEL, H.S. - SANTOS, L.V. In 2014 29th Symposium on Microelectronics Technology and Devices (SBMicro). 2014., WOS

[1.1] POPOVICI, M. - SWERTS, J. - REDOLFI, A. - KACZER, B. - AOULAICHE, M. - RADU, I. - CLIMA, S. - EVERAERT, J.L. - VAN ELSHOCHT, S. - JURCZAK, M. In APPLIED PHYSICS LETTERS. FEB 24 2014, vol. 104, no. 8., WOS

[1.1] WANG, C.X. - OSADA, M. - EBINA, Y. - LI, B.W. - AKATSUKA, K. - FUKUDA, K. - SUGIMOTO, W. - MA, R.Z. - SASAKI, T. In ACS NANO.

MAR 2014, vol. 8, no. 3, p. 2658-2666., WOS

[1.1] WEI, D. - HOSSAIN, T. - GARCES, N.Y. - NEPAL, N. - MEYER, H.M. - KIRKHAM, M.J. - EDDY, C.R. - EDGAR, J.H. In ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY. 2013, vol. 2, no. 5, p. N110-N114., WOS

[1.2] Jithin, M.A., Kolia, L.G., Bhat, N., Mohan, S., Morozumi, Y., Kaushal, S. In Materials Research Society Symposium Proceedings Vol 1561, 2013, Pp 13-19, SCOPUS

ADCA105 FRÖHLICH, Karol - MACHAJDÍK, Daniel - CAMBEL, Vladimír - KOSTIČ, Ivan - PIGNARD, S. Epitaxial growth of low-resistivity RuO2 films on (1 1 0 2)-oriented Al2O3 substrate. In *Journal of Crystal Growth*, 2002, vol. 235, p. 377-383. ISSN 0022-0248.

Ohlasy:

[1.1] JIPA, I. - DANOVA, K. - POPOVSKA, N. - SIDDIQI, M.A. - SIDDIQUI, R.A. - ATAKAN, B. - CREMER, T. - MAIER, F. - MARBACH, H. - STEINRUCK, H.P. - HEINEMANN, F.W. - ZENNECK, U. Methylated [(arene)(1.3-cyclohexadiene)Ru(0)] complexes as low-melting MOCVD precursor complexes with a controlled follow-up chemistry. ISSN 0959-9428. 2011, vol. 21, no. 9, p. 3014-3024., WOS

[1.1] JIPA, I. - SIDDIQI, M.A. - SIDDIQUI, R.A. - ATAKAN, B. - MARBACH, H. - CREMER, T. - MAIER, F. - STEINRUCK, H.P. - DANOVA, K. - POPOVSKA, N. - HEINEMANN, F.W. - ZENNECK, U. Methylated [(benzene)(1.3-butadiene)Ru-0] derivates as novel MOCVD precursor with favorable properties. In Chemical Vapor Deposition. ISSN 0948-1907. 2011, vol. 17, iss. 1-3, p. 15-21., WOS

[1.1] TUCHSCHERER, A. - GEORGI, C. - ROTH, N. - SCHAARSCHMIDT, D. - RUFFER, T. - WAECHTLER, T. - SCHULZ, S.E. - OSWALD, S. - GESSNER, T. - LANG, H. Ruthenocenes and Half-Open Ruthenocenes: Synthesis, Characterization, and Their Use as CVD Precursors for Ruthenium Thin Film Deposition. In EUROPEAN JOURNAL OF INORGANIC CHEMISTRY. OCT 2012, no. 30, p. 4867-4876., WOS

ADCA106 FRÖHLICH, Karol - MACHAJDÍK, Daniel - HELLEMANS, L. - SNAUWAERT, J. Growth of high crystalline quality thin epitaxial Ceo2 films on (1102) sapphirer. In *Journal de Physique IV*, 1999, vol. 9, p. Pr8-341-347. (0.252 - IF1998). (1999 - Current Contents).

Ohlasy:

[1.1] GOBEL, M.C. - GREGORI, G. - MAIER, J. In JOURNAL OF PHYSICAL CHEMISTRY C. NOV 7 2013, vol. 117, no. 44, p. 22560-22568., WOS

[1.1] RANGEL, R. - CHAVEZ-CHAVEZ, L. - MARTINEZ, E. - BARTOLO-PEREZ, P. In PHYSICA STATUS SOLIDI B-BASIC SOLID STATE PHYSICS. JUN 2012, vol. 249, no. 6, p. 1199-1205., WOS

[1.1] ZHAO, P. - ITO, A. - TU, R. - GOTO, T. In SURFACE & COATINGS TECHNOLOGY. MAY 15 2011, vol. 205, no. 16, p. 4079-4082., WOS

ADCA107 FRÖHLICH, Karol - MACHAJDÍK, Daniel - CAMBEL, Vladimír - FEDOR, Ján - PISCH, A. - LINDNER, J. Growth of Ru and RuO2 films by metal-organic

chemical vapour deposition. In *Journal de Physique IV*, 2001, vol. 11, pr3, p. 325-332.

Ohlasy:

[1.1] GREGORCZYK, K. - BANERJEE, P. - RUBLOFF, G.W. In MATERIALS LETTERS. APR 15 2012, vol. 73, p. 43-46., WOS

ADCA108 FRÖHLICH, Karol - ŤAPAJNA, Milan - ROSOVÁ, Alica - DOBROČKA, Edmund - HUŠEKOVÁ, Kristína - AARIK, J. - AIDLA, A. Growth of high-dielectric-constant TiO2 films in capacitors with RuO2 electrodes. In *Electrochemical and Solid State Letters*, 2008, vol. 11, p. G19-G21. (2.271 - IF2007). ISSN 1099-0062.

Ohlasy:

[1.1] HAN, J.H. - HAN, S. - LEE, W. - LEE, S.W. - KIM, S.K. - GATINEAU, J. - DUSSARRAT, C. - HWANG, C.S. In APPLIED PHYSICS LETTERS. JUL 11 2011, vol. 99, no. 2., WOS

[1.1] HAN, J.H. - LEE, S.W. - KIM, S.K. - HAN, S. - LEE, W. - HWANG, C.S. In CHEMISTRY OF MATERIALS. APR 24 2012, vol. 24, no. 8, p. 1407-1414., WOS

[1.1] JEON, W. - YOO, S. - KIM, H. K. - LEE, W. - AN, C.H. - CHUNG, M. J. - CHO, C. J. - KIM, S. K. - HWANG, C. S. In ACS APPLIED MATERIALS & INTERFACES. DEC 20 2014, vol. 6, no. 23, p. 21632-21637., WOS

[1.1] KIM, S.K. - HAN, S. - HAN, J.H. - LEE, W. - HWANG, C.S. In PHYSICA STATUS SOLIDI-RAPID RESEARCH LETTERS. AUG 2011, vol. 5, no. 8, p. 262-264., WOS

[1.1] KIM, S.K. - HAN, S. - JEON, W. - YOON, J.H. - HAN, J.H. - LEE, W. - HWANG, C.S. In ACS APPLIED MATERIALS & INTERFACES. SEP 2012, vol. 4, no. 9, p. 4726-4730., WOS

[1.1] KO, C.T. - HAN, Y.Y. - CHEN, C.H. - SHIEH, J. - CHEN, M.J. In JOURNAL OF PHYSICAL CHEMISTRY C. DEC 12 2013, vol. 117, no. 49, p. 26204-26212., WOS

[1.1] KO, C.-T. - HAN, Y.-Y. - WANG, W.-C. - SHIEH, J. - CHEN, M.-J. In ACS APPLIED MATERIALS & INTERFACES. MAR 26 2014, vol. 6, no. 6, p. 4179-4185., WOS

[1.1] LESKELA, M. - RITALA, M. - NILSEN, O. In MRS BULLETIN. NOV 2011, vol. 36, no. 11, p. 877-884., WOS

[1.1] MIIKKULAINEN, V. - LESKELA, M. - RITALA, M. - PUURUNEN, R.L. In JOURNAL OF APPLIED PHYSICS. JAN 14 2013, vol. 113, no. 2., WOS

[1.1] OVER, H. In CHEMICAL REVIEWS. JUN 2012, vol. 112, no. 6, p. 3356-3426., WOS

[1.1] PARK, J.-Y. - YEO, S. - CHEON, T. - KIM, S.-H. - KIM, M.-K. - KIM, H. - HONG, T. E. - LEE, D.-J. In JOURNAL OF ALLOYS AND COMPOUNDS. OCT 15 2014, vol. 610, p. 529-539., WOS

[1.1] PENG, J. - SHENG, C. - SHI, J. - LI, X. - ZHANG, J. In JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY. SEP 2014, vol. 71, no. 3, p. 458-463., WOS

[1.1] POPOVICI, M. - DELABIE, A. - ADELMANN, C. - MEERSSCHAUT, J. - FRANQUET, A. - TALLARIDA, M. - VAN DEN BERG, J. - RICHARD, O. - SWERTS, J. - TOMIDA, K. - KIM, M.S. - TIELENS, H. -

BENDER, H. - CONARD, T. - JURCZAK, M. - VAN ELSHOCHT, S. - SCHMEISSER, D. In ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY. 2013, vol. 2, no. 1, p. N23-N27., WOS

[1.1] POPOVICI, M. - KIM, M.S. - TOMIDA, K. - SWERTS, J. - TIELENS, H. - MOUSSA, A. - RICHARD, O. - BENDER, H. - FRANQUET, A. - CONARD, T. - ALTIMIME, L. - VAN ELSHOCHT, S. - KITTL, J.A. In MICROELECTRONIC ENGINEERING. JUL 2011, vol. 88, no. 7, p. 1517-1520., WOS

[1.1] POPOVICI, M. - SWERTS, J. - TOMIDA, K. - RADISIC, D. - KIM, M.S. - KACZER, B. - RICHARD, O. - BENDER, H. - DELABIE, A. - MOUSSA, A. - VRANCKEN, C. - OPSOMER, K. - FRANQUET, A. - PAWLAK, M.A. - SCHAEKERS, M. - ALTIMIME, L. - VAN ELSHOCHT, S. - KITTL, J.A. In PHYSICA STATUS SOLIDI-RAPID RESEARCH LETTERS. JAN 2011, vol. 5, no. 1, p. 19-21., WOS

[1.1] PU, H.F. - LI, H.L. - YANG, Z. - ZHOU, Q.F. - DONG, C.Y. - ZHANG, Q. In ECS SOLID STATE LETTERS. 2013, vol. 2, no. 10, p. N35-N38., WOS

[1.1] VAN DEN BERG, J.A. - READING, M.A. - BAILEY, P. - NOAKES, T.C.Q. - ADELMANN, C. - POPOVICI, M. - TIELENS, H. - CONARD, T. - DE GENDT, S. - VAN ELSHOCHT, S. In APPLIED SURFACE SCIENCE. SEP 15 2013, vol. 281, p. 8-16., WOS

[1.1] WANG, X.W. - GORDON, R.G. In CRYSTAL GROWTH & DESIGN. MAR 2013, vol. 13, no. 3, p. 1316-1321., WOS

[1.1] YANG, Z. - PU, H. - CUI, C. - ZHANG, L. - DONG, C. - ZHANG, Q. In IEEE ELECTRON DEVICE LETTERS. MAY 2014, vol. 35, no. 5, p. 557-559., WOS

[1.1] ZHU, L. - LUO, J.K. - SHAO, G. - MILNE, W.I. In SOLAR ENERGY MATERIALS AND SOLAR CELLS. APR 2013, vol. 111, p. 141-145., WOS

[1.2] Hwang, C.S., Kim, S.K., Lee, S.W. In Atomic Layer Deposition for Semiconductors. Springer 2013 ISBN: 978-1-4614-8053-22013 pp. 73-122, SCOPUS

[1.2] Kim, M.-S. , Popovici, M., Swerts, J., Pawlak, M.A., Tomida, K., Kaczer, B., Opsomer, K., Schaekers, M., Tielens, H., Vrancken, C., Van Elshocht, S., Debusschere, I., Altimime, L., Kittl, J.A. In 3rd IEEE International Memory Workshop, IMW 2011 , art. no. 5873203, SCOPUS

[2.1] ELENA HERNANDEZ-TORRES, M. - TERESA OJEDA-CARRERA, M. - SANCHEZ-CANTU, M. - RUTILO SILVA-GONZALEZ, N. - MIGUEL GRACIA-JIMENEZ, J. In CHEMICAL PAPERS. SEP 2014, vol. 68, no. 9, p. 1257-1264., WOS

ADCA109 FRÖHLICH, Karol - MACHAJDÍK, Daniel - ROSOVÁ, Alica - VÁVRA, Ivo - WEISS, F. - BOCHU, B. - SENATEUR, J.P. Growth of SrTiO3 thin epitaxial films by aerosol MOCVD. In *Thin Solid Films*, 1995, vol. 260, p. 187-191. (1.410 - IF1994). (1995 - Current Contents).

Ohlasy:

[1.1] PARKHOMENKO, R. - ALEXEYEV, A. - MOROZOVA, N. - IGUMENOV, I. In JOURNAL OF COORDINATION CHEMISTRY. 2012, vol. 65, no. 18, p. 3227-3237., WOS

[1.1] SUN, F. - KHASSAF, H. - ALPAY, S.P. In JOURNAL OF MATERIALS SCIENCE. SEP 2014, vol. 49, no. 17, p. 5978-5985., WOS

[1.1] WEISS, C.V. - ZHANG, J. - SPIES, M. - ABDALLAH, L.S. - ZOLLNER, S. - COLE, M.W. - ALPAY, S.P. In JOURNAL OF APPLIED PHYSICS. MAR 1 2012, vol. 111, no. 5., WOS

ADCA110 FRÖHLICH, Karol - LUPTÁK, Roman - DOBROČKA, Edmund - HUŠEKOVÁ, Kristína - ČIČO, Karol - ROSOVÁ, Alica - LUKOCIUS, M. - ABRUTIS, A. - PÍSEČNÝ, Pavol - ESPINOS, J.P. Characterization of rare earth oxides based MOSFET gate stacks prepared by metal-organic chemical vapour deposition. In *Materials science in semiconductor processing*, 2006, vol. 9, p.1065-1072. (2006 - Current Contents). ISSN 1369-8001.

Ohlasy:

[1.1] AHREN, Maria - SELEGARD, Linnea - SODERLIND, Fredrik - LINARES, Mathieu - KAUCZOR, Joanna - NORMAN, Patrick - KALL, Per-Olov - UVDAL, Kajsa. A simple polyol-free synthesis route to Gd2O3 nanoparticles for MRI applications: an experimental and theoretical study. In JOURNAL OF NANOPARTICLE RESEARCH. ISSN 1388-0764, 2012, vol. 14, no. 8, pp., WOS

[1.1] DALY, Scott R. - KIM, Do Young - GIROLAMI, Gregory S. Lanthanide N,N-Dimethylaminodiboranates as a New Class of Highly Volatile Chemical Vapor Deposition Precursors. In INORGANIC CHEMISTRY. ISSN 0020-1669, 2012, vol. 51, no. 13, pp. 7050-7065., WOS

[1.1] HUANG, Liu-Ying - LI, Ai-Dong - FU, Ying-Ying - ZHANG, Wen-Qi - LIU, Xiao-Jie - WU, Di. Characteristics of Gd2-xLaxO3 high-k films by metal-organic chemical vapor deposition. In MICROELECTRONIC ENGINEERING. ISSN 0167-9317, 2012, vol. 94, no., pp. 38-43., WOS

[1.2] BARQUINHA, Pedro - MARTINS, Rodrigo - PEREIRA, Luis - FORTUNATO, Elvira. Transparent Oxide Electronics: From Materials to Devices. In Transparent Oxide Electronics: From Materials to Devices, 2012-03-15, pp., SCOPUS

[10] HUDEC, B. Structures for nanoscale DRAM memories. PhD Thesis, Institute of Electrical Engineering, Slovak Academy of Sciences. 2012, 105 pp., Google Scholar

ADCA111 FRÖHLICH, Karol. Chemical vapour deposition of superconducting Nb3Ge controlled by diffusion in the gas phase. In *Thin Solid Films*, 1987, vol. 150, p. 311-317.

Ohlasy:

[1.1] LEE, S. - IN, J. - KIM, S.I. - PARK, Y.C. - KIM, H. - YOON, H. - KIM, J. - LEE, S. - KIM, B. In JOURNAL OF MATERIALS CHEMISTRY C. 2013, vol. 1, no. 8, p. 1674-1679., WOS

ADCA112 FRÖHLICH, Karol - CAMBEL, Vladimír - MACHAJDÍK, Daniel - BAUMANN, P.K. - LINDNER, J. - SCHUMACHER, M. - JUERGENSEN, H. Low-temperature growth of RuO2 films for conductive electrode applications. In *Materials science in semiconductor processing*, 2003, vol. . 5, p. 173-177.

Ohlasy:

[1.1] METHAAPANON, R. - GEYER, S.M. - BRENNAN, S. - BENT, S.F. In CHEMISTRY OF MATERIALS. SEP 10 2013, vol. 25, no. 17, p. 3458-3463., WOS

ADCA113 FRÖHLICH, Karol - VÁVRA, Ivo - GÖMÖRY, Fedor - ŠOUC, Ján - BYDŽOVSKÝ, J. - KOVÁČ, P. - DOBROVODSKÝ, Jozef - MARYŠKO, M. Microstructure-dependent magnetoresistance in La1-xMnO3 thin films. In *Journal of Magnetism and Magnetic Materials*, 2000, vol. 211, p. 67-72. (1.195 - IF1999). (2000 - Current Contents, WOS, SCOPUS). ISSN 0304-8853.

Ohlasy:

[1.1] VRADMAN, L. - NAVROTSKY, A. In JOURNAL OF THE AMERICAN CERAMIC SOCIETY. OCT 2013, vol. 96, no. 10, p. 3202-3209., WOS

[1.1] VRADMAN, L. - ZANA, J. - KIRSCHNER, A. - HERSKOWITZ, M. In PHYSICAL CHEMISTRY CHEMICAL PHYSICS. 2013, vol. 15, no. 26, p. 10914-10920., WOS

ADCA114 FRÖHLICH, Karol - HUDEC, Boris - AARIK, J. - TARRE, A. - MACHAJDÍK, Daniel - KASIKOV, A. - HUŠEKOVÁ, Kristína - GAŽI, Štefan. Post-deposition processing and oxygen content of TiO2-based capacitors. In *Microelectronic Engineering*, 2011, vol. 88, p. 1525-1528. (1.569 - IF2010). (2011 - Current Contents). ISSN 0167-9317.

Ohlasy:

[1.1] BAYATI, M.R. - JOSHI, S. - NARAYAN, R.J. - NARAYAN, J. In JOURNAL OF MATERIALS RESEARCH. JUL 2013, vol. 28, no. 13, SI, p. 1669-1679., WOS

ADCA115 FRÖHLICH, Karol - HUŠEKOVÁ, Kristína - MACHAJDÍK, Daniel - LUPTÁK, Roman - ŤAPAJNA, Milan - HOOKER, J.C. - ROOZEBOOM, F. - KOBZEV, A.P. - WIEMER, C. - FERRARI, C. - FANCIULLI, M. - ROSSEL, C. - CABRAL, C., Jr. Preparation of SrRuO3 films for advanced CMOS metal gates. In *Materials science in semiconductor processing*, 2004, vol. 7, p. 265-269.

Ohlasy:

[1.1] CHOI, C. - AHN, J. - CHOI, R. In JAPANESE JOURNAL OF APPLIED PHYSICS. FEB 2012, vol. 51, no. 2, 2., WOS

[1.1] CHOI, C. - ANDO, T. - NARAYANAN, V. In APPLIED PHYSICS LETTERS. FEB 21 2011, vol. 98, no. 8., WOS

ADCA116 FRÖHLICH, Karol - HUŠEKOVÁ, Kristína - MACHAJDÍK, Daniel - HOOKER, J.C. - PEREZ, N. - FANCIULLI, M. - FERRARI, S. - WIEMER, C. - DIMOULAS, A. - VELLIANITIS, G. - ROOZEBOOM, F. Ru and RuO2 gate electrodes for advanced CMOS technology. In *Materials Science and Engineering*. B.Solid-State Materials for Advanced Technology, 2004, vol. 109, p. 117–121. (1.070 - IF2003). (2004 - Current Contents, WOS, SCOPUS). ISSN 0921-5107.

Ohlasy:

[1.1] GU, Q. - LONG, J.L. - FAN, L.Z. - CHEN, L.M. - ZHAO, L.L. - LIN, H.X. - WANG, X.X. In JOURNAL OF CATALYSIS. JUL 2013, vol. 303, p. 141-155., WOS

[1.1] CHEN, J.Y. - HUANG, S.L. - WU, P.W. - LIN, P. In THIN SOLID FILMS. FEB 1 2013, vol. 529, p. 426-429., WOS

[1.1] KIM, H.K. - YU, I.H. - LEE, J.H. - PARK, T.J. - HWANG, C.S. In APPLIED PHYSICS LETTERS. OCT 22 2012, vol. 101, no. 17., WOS

[1.1] KIM, J.H. - AHN, J.H. - KANG, S.W. - ROH, J.S. - KWON, S.H. - KIM, J.Y. In CURRENT APPLIED PHYSICS. SEP 2012, vol. 12, SI, p.

S160-S163., WOS
[1.1] KUKLI, K. - KEMELL, M. - PUUKILAINEN, E. - AARIK, J. - AIDLA, A. - SAJAVAARA, T. - LAITINEN, M. - TALLARIDA, M. - SUNDQVIST, J. - RITALA, M. - LESKELA, M. In JOURNAL OF THE ELECTROCHEMICAL SOCIETY. 2011, vol. 158, no. 3, p. D158-D165., WOS
[1.1] LEE, J.H. - LIN, Y.C. - CHEN, B.H. In IEEE TRANSACTIONS ON ELECTRON DEVICES. MAR 2011, vol. 58, no. 3, p. 672-676., WOS
[1.1] LEE, J.H. - LIN, Y.C. - CHEN, M.Y. In IEEE TRANSACTIONS ON ELECTRON DEVICES. NOV 2011, vol. 58, no. 11, p. 3920-3924., WOS
[1.1] SALAUN, A. - TROMMER, J. - NEWCOMB, S.B. - POVEY, I.M. - SALAUN, M. - KEENEY, L. - O'MAHONY, A. - PEMBLE, M.E. In CHEMICAL VAPOR DEPOSITION. JUN 2011, vol. 17, no. 4-6, p. 114-122., WOS
[1.1] TUCHSCHERER, A. - GEORGI, C. - ROTH, N. - SCHAARSCHMIDT, D. - RUFFER, T. - WAECHTLER, T. - SCHULZ, S.E. - OSWALD, S. - GESSNER, T. - LANG, H. In EUROPEAN JOURNAL OF INORGANIC CHEMISTRY. OCT 2012, no. 30, p. 4867-4876., WOS
[1.1] WANG, X.W. - GORDON, R.G. In CRYSTAL GROWTH & DESIGN. MAR 2013, vol. 13, no. 3, p. 1316-1321., WOS

ADCA117 FRÖHLICH, Karol - ŠOUC, Ján - MACHAJDÍK, Daniel - JERGEL, Matej - SNAUWAERT, J. - HELLEMANS, L. Surface quality of epitaxial CeO2 thin films grown on sapphire by aerosol metal organic chemical vapour deposition. In *Chemical Vapour Deposition*, 1998, vol. 4, p. 216-220. (1.360 - IF1997). (1998 - Current Contents).
Ohlasy:
[1.1] GOBEL, M.C. - GREGORI, G. - MAIER, J. In JOURNAL OF PHYSICAL CHEMISTRY C. NOV 7 2013, vol. 117, no. 44, p. 22560-22568., WOS
[1.1] VARGAS-GARCIA, J.R. - TU, R. - GOTO, T. In THIN SOLID FILMS. JAN 1 2012, vol. 520, no. 6, p. 1851-1855., WOS
[1.1] ZHAO, P. - ITO, A. - TU, R. - GOTO, T. In SURFACE & COATINGS TECHNOLOGY. MAY 15 2011, vol. 205, no. 16, p. 4079-4082., WOS

ADCA118 FRÖHLICH, Karol - MACHAJDÍK, Daniel - WEISS, F. - BOCHU, B. Thin epitaxial CeO2 films prepared by aerosol MOCVD. In *Materials Letters*, 1994, vol. 21, p. 377.
Ohlasy:
[1.1] ZHAO, P.- HUANG, Z. - MAO, Y. - WANG, Y. - TAKASHI, G. In CERAMICS INTERNATIONAL. DEC 2014, vol. 40, no. 10, A, p. 15919-15923., WOS

ADCA119 FRÖHLICH, Karol. TiO2-based structures for nanoscale memory applications : invited review. In *Materials science in semiconductor processing*, 2013, vol. 16, p. 1186-1195. (1.338 - IF2012). (2013 - Current Contents). ISSN 1369-8001.
Ohlasy:
[1.1] ACHARYYA, D. - HAZRA, A. - BHATTACHARYYA, P. In MICROELECTRONICS RELIABILITY. MAR 2014, vol. 54, no. 3, p. 541-560., WOS
[1.1] PARK, J.-Y. - YEO, S. - CHEON, T. - KIM, S.-H. - KIM, M.-K. -

KIM, H. - HONG, T. E. - LEE, D.-J. In JOURNAL OF ALLOYS AND COMPOUNDS. OCT 15 2014, vol. 610, p. 529-539., WOS

[1.1] WU, D. - MAO, F. - YANG, Z. - WANG, S. - ZHOU, Z. In MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING. JUL 2014, vol. 23, p. 72-77., WOS

[1.1] ZHANG, G. Z. - WU, H. - CHEN, C. - WANG, T. - WANG, P. Y. - MAI, L. Q. - YUE, J. - LIU, C. In APPLIED PHYSICS LETTERS. APR 21 2014, vol. 104, no. 16., WOS

ADCA120 FROLEK, Lubomír - DEMENČÍK, Eduard. Measurement of AC profiles of magnetic field above HTSc tape using Hall probe technique with help of DAQ cards and triggering. In *IEEE Transactions on Applied Superconductivity*, vol. 15, 2005, p. 3660-3663.

Ohlasy:

[1.1] USAK, P. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. APR 2011, vol. 24, no. 4., WOS

[1.1] ZHANG, X.C. - LIU, J.Q. - LI, M.K. - FU, Y.X. In COMPUTATIONAL MATERIALS SCIENCE, PTS 1-3. 2011, vol. 268-270, Part 1-3, p. 1591-1594., WOS

ADCA121 FUKS, D. - KIV, A. - SHAPIRO, D.V. - GOLOVANOV, V. - ŠMATKO, Vasilij - DONCHEV, I. Degradation processes in surface layers of indium oxide. In *IEEE Transactions on Device and Materials Reliability*, 2012, vol. 12, p. 133-138. (1.543 - IF2011). (2012 - Current Contents). ISSN 1530-4388.

Ohlasy:

[1.1] ZHANG, B. - ZHANG, N.N. - CHEN, J.F. - HOU, Y. - YANG, S. - GUO, J.W. - YANG, X.H. - ZHONG, J.H. - WANG, H.F. - HU, P. - ZHAO, H.J. - YANG, H.G. In SCIENTIFIC REPORTS. OCT 31 2013, vol. 3., WOS

ADCA122 FUKUI, S. - TSUKAMOTO, O. - AMEMYIA, N. - HLÁSNIK, Ivan. Dependence of self field AC losses in AC multifilamentary composites on phase of external AC magnetic field. In *IEEE Transactions on Applied Superconductivity*, 1995, vol. 5, p. 733-736.

Ohlasy:

[1.2] Wang, Y. Fundamental Elements of Applied Superconductivity in Electrical Engineering. Science Press 2013. ISBN: 9781118451144., SCOPUS

ADCA123 GARCIA, M. - JERGEL, Milan - CONDE-GALLARDO, A. - FALCONY, C. - PLESCH, G. Optical properties of Co and Co-Fe-Cr thin films deposited from an aerosol on glass substrates. In *Materials Chemistry and Physics*, 1998, vol. 56, p. 21-26. (1998 - Current Contents).

Ohlasy:

[1.1] HOU, X.H. - CHOY, K.L. - BRUN, N. - SERIN, V. In JOURNAL OF NANOMATERIALS. 2013., WOS

ADCA124 GENDIAR, Andrej - KRČMÁR, Roman - WEYRAUCH, M. Large system asymplttics of persistent currents in mesoscopic quantum rings. In *Physical Review B*, 2009, vol. 79, art. no. 205118. (3.322 - IF2008). (2009 - Current Contents, WOS, SCOPUS). ISSN 1098-0121.

Ohlasy:
[1.1] METZNER, W. - SALMHOFER, M. - HONERKAMP, C. - MEDEN, V. - SCHONHAMMER, K. In REVIEWS OF MODERN PHYSICS. MAR 12 2012, vol. 84, no. 1, p. 299-352., WOS
[1.1] MOLINER, M. - SCHMITTECKERT, P. In PHYSICAL REVIEW LETTERS. SEP 17 2013, vol. 111, no. 12., WOS

ADCA125 GENDIAR, Andrej - NISHINO, T. Latent heat calculation of the three-dimensional q=3, 4, and 5 potts models by the tensor product variational approach. In *Physical Review E*, 2002, vol. 65, p. 046702. (2.235 - IF2001). (2002 - Current Contents). ISSN 1539-3755.
Ohlasy:
[1.1] DAI, Y.W. - CHO, S.Y. - BATCHELOR, M.T. - ZHOU, H.Q. In PHYSICAL REVIEW E. JUN 30 2014, vol. 89, no. 6., WOS
[1.1] CHAN, Y.B. In JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL. MAR 2 2012, vol. 45, no. 8., WOS
[1.1] WANG, S. - XIE, Z.Y. - CHEN, J. - NORMAND, B. - XIANG, T. In CHINESE PHYSICS LETTERS. JUL 2014, vol. 31, no. 7., WOS

ADCA126 GENDIAR, Andrej - NISHINO, T. Phase diagram of the 3D Axial-Next-Nearest-Neigbor Ising model. In *Physical Review B.* - New York : APS Publishing, 2005, vol. 71, p. 024404-10. (3.075 - IF2004). (2005 - Current Contents). ISSN 1098-0121.
Ohlasy:
[1.1] GARCIA-SAEZ, A. - LATORRE, J.I. In PHYSICAL REVIEW B. FEB 25 2013, vol. 87, no. 8., WOS
[1.1] CHAKRABARTY, S. - DOBROSAVLJEVIC, V. - SEIDEL, A. - NUSSINOV, Z. In PHYSICAL REVIEW E. OCT 18 2012, vol. 86, no. 4, 1., WOS
[1.1] MURTAZAEV, A.K. - IBAEV, Z.G. In JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS. JUL 2011, vol. 113, no. 1, p. 106-112., WOS
[1.1] MURTAZAEV, A.K. - IBAEV, J.G. In SOLID STATE COMMUNICATIONS. FEB 2012, vol. 152, no. 3, p. 177-179., WOS
[1.1] MURTAZAEV, A.K. - IBAEV, J.G. In MAGNETISM AND MAGNETIC MATERIALS V. 2012, vol. 190, p. 391-395., WOS
[1.1] NASCIMENTO, E.S. - DE LIMA, J.P. - SALINAS, S.R. In PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS. SEP 1 2014, vol. 409, p. 78-86., WOS
[1.1] VAHEDI, J. - MAHDAVIFAR, S. In EUROPEAN PHYSICAL JOURNAL B. MAY 2012, vol. 85, no. 5., WOS
[1.1] WANG, S. - XIE, Z.Y. - CHEN, J. - NORMAND, B. - XIANG, T. In CHINESE PHYSICS LETTERS. JUL 2014, vol. 31, no. 7., WOS
[1.1] XIE, Z.Y. - CHEN, J. - QIN, M.P. - ZHU, J.W. - YANG, L.P. - XIANG, T. In PHYSICAL REVIEW B. JUL 30 2012, vol. 86, no. 4., WOS
[1.1] ZHANG, K. - CHARBONNEAU, P. In PHYSICAL REVIEW B. JUN 9 2011, vol. 83, no. 21., WOS

ADCA127 GENDIAR, Andrej - KRČMÁR, Roman - NISHINO, T. Spherical deformation for one-dimensional quantum systems (vol 122, pg 953, 2009) : errata. In *Progress Theoretical Physics*, 2010, vol. 123, p. 393.

Ohlasy:

[1.1] HIKIHARA, T. - SUZUKI, T. In PHYSICAL REVIEW A. APR 29 2013, vol. 87, no. 4., WOS

[1.1] HOTTA, C. - SHIBATA, N. In PHYSICAL REVIEW B. JUL 24 2012, vol. 86, no. 4., WOS

[1.1] KATSURA, H. In JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL. MAR 23 2012, vol. 45, no. 11., WOS

[1.1] KATSURA, H. In JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL. JUN 24 2011, vol. 44, no. 25., WOS

[1.1] MARUYAMA, I. - KATSURA, H. - HIKIHARA, T. In PHYSICAL REVIEW B. OCT 28 2011, vol. 84, no. 16., WOS

[1.1] SHIBATA, N. - HOTTA, C. In PHYSICAL REVIEW B. SEP 16 2011, vol. 84, no. 11., WOS

ADCA128 GENDIAR, Andrej - KRČMÁR, Roman - NISHINO, T. Spherical deformation for one-dimensional quantum systems. In *Progress Theoretical Physics*, 2009, vol. 122, p. 953-967. (1.661 - IF2008).

Ohlasy:

[1.1] COJOCARU, S. In ROMANIAN REPORTS IN PHYSICS. 2012, vol. 64, p. 1207-1211., WOS

[1.1] HIKIHARA, T. - SUZUKI, T. In PHYSICAL REVIEW A. APR 29 2013, vol. 87, no. 4., WOS

[1.1] HOTTA, C. - NISHIMOTO, S. - SHIBATA, N. In PHYSICAL REVIEW B. MAR 21 2013, vol. 87, no. 11., WOS

[1.1] HOTTA, C. - SHIBATA, N. In PHYSICAL REVIEW B. JUL 24 2012, vol. 86, no. 4., WOS

[1.1] KATSURA, H. In JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL. JUN 24 2011, vol. 44, no. 25., WOS

[1.1] KATSURA, H. In JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL. MAR 23 2012, vol. 45, no. 11., WOS

[1.1] NISHIMOTO, S. In PHYSICAL REVIEW B. NOV 4 2011, vol. 84, no. 19., WOS

[1.2] Maruyama, I., Katsura, H., Hikihara, T. In Physical Review B - Condensed Matter and Materials Physics 84 (2011) , art. no. 165132, SCOPUS

[1.2] Shibata, N., Hotta, C. In Physical Review B - Condensed Matter and Materials Physics 84 (2011) , art. no. 115116, SCOPUS

ADCA129 GENDIAR, Andrej - MAESHIMA, N. - NISHINO, T. Stable optimization of tensor product variational state. In *Progress Theoretical Physics*, 2003, vol. 110, p. 691-699.

Ohlasy:

[1.1] BAUER, B. - CORBOZ, P. - ORUS, R. - TROYER, M. In PHYSICAL REVIEW B. MAR 18 2011, vol. 83, no. 12., WOS

[1.1] CHEN, X. - GU, Z.C. - LIU, Z.X. - WEN, X.G. In PHYSICAL REVIEW B. APR 4 2013, vol. 87, no. 15., WOS

[1.1] KINDER, J.M. - RALPH, C.C. - CHAN, G.K.L. In QUANTUM INFORMATION AND COMPUTATION FOR CHEMISTRY. 2014, vol. 154, p.

179-191., WOS
[1.1] PHIEN, H.N. - VIDAL, G. - MCCULLOCH, I.P. In PHYSICAL REVIEW B. DEC 10 2012, vol. 86, no. 24., WOS

ADCA130 GENDIAR, Andrej - DANIŠKA, M. - LEE, Y. - NISHINO, T. Suppression of finite-size effects in one-dimensional correlated systems. In *Physical Review A*, 2011, vol. 83, no. 5, 052118. (2.861 - IF2010). (2011 - Current Contents). ISSN 1050-2947.
Ohlasy:
[1.1] HIKIHARA, Toshiya - SUZUKI, Takafumi. Long-distance entanglement in one-dimensional quantum systems under sinusoidal deformation. In PHYSICAL REVIEW A. ISSN 1050-2947, 2013, vol. 87, no. 4, 042337., WOS
[1.1] HOTTA, C. - SHIBATA, N. In PHYSICAL REVIEW B. JUL 24 2012, vol. 86, no. 4., WOS
[1.1] HOTTA, Chisa - NISHIMOTO, Satoshi - SHIBATA, Naokazu. Grand canonical finite size numerical approaches in one and two dimensions: Real space energy renormalization and edge state generation. In PHYSICAL REVIEW B. ISSN 1098-0121, 2013, vol. 87, no. 11, 115128., WOS
[1.1] CHEN, A.H. - GAO, X.L. In PHYSICAL REVIEW B. APR 10 2012, vol. 85, no. 13., WOS
[1.1] KATSURA, H. In JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL. MAR 23 2012, vol. 45, no. 11., WOS
[1.1] MARUYAMA, Isao - KATSURA, Hosho - HIKIHARA, Toshiya. Sine-square deformation of free fermion systems in one and higher dimensions. In PHYSICAL REVIEW B, 2011, vol.84, no.16, 165132., WOS
[1.1] NEBENDAHL, V. - DUER, W. Improved numerical methods for infinite spin chains with long-range interactions. In PHYSICAL REVIEW B. ISSN 1098-0121, 2013, vol. 87, no. 7, 075413., WOS
[1.1] SHIBATA, Naokazu - HOTTA, Chisa. Boundary effects in the density-matrix renormalization group calculation. In PHYSICAL REVIEW B, 2011, vol.84, no.11, 115116., WOS

ADCA131 GHERARDI, L. - GÖMÖRY, Fedor - MELE, R. - COLETTA, G. A.c. losses in Bi-2223 tapes for power applications. In *Superconductor Science and Technology*, 1997, vol. 10, p. 909. (1.447 - IF1996). (1997 - Current Contents, SCOPUS). ISSN 0953-2048.
Ohlasy:
[1.1] JIAO, C.Q. - XIA, Z.J. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. AUG 2014, vol. 27, no. 8, p. 1813-1818., WOS
[1.1] JUUL, J.S. - MOLGAARD, E.T. - JENSEN, J. - ANDERSEN, N.H. - ABRAHAMSEN, A.B. - WILLEN, D. - TRAEHOLT, C. - THIDEMANN, C. - LENTGE, H. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. DEC 2011, vol. 21, no. 6, p. 3599-3603., WOS
[1.1] STENVALL, A. - GRILLI, F. - VOJENCIAK, M. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. AUG 2011, vol. 24, no. 8., WOS

ADCA132 GHERARDI, L. - BETTINELLI, D. - SPREAFICO, S. - GÖMÖRY, Fedor. Estimation of Jc(B) dependence from self-field AC losses measured on Bi-2223/Ag

tapes. In *Physica C : Superconductivity and Its Applications*, 1998, vol. 310, p. 52-56. (2.199 - IF1997). (1998 - Current Contents, WOS, SCOPUS). ISSN 0921-4534.

Ohlasy:

[1.1] TAXT, H. - MAGNUSSON, N. - RUNDE, M. In CRYOGENICS. FEB 2013, vol. 54, p. 44-49., WOS

ADCA133 GILABERT, A. - MEDICI, M.G. - GRAJCAR, M. - KARLOVSKÝ, Karol - DITTMAN, R. - PLECENIK, Andrej. Influence of illumination on the properties of Bi2Sr2CaCu2O8+y. In *Applied Physics Letters*, 1999, vol. 74, no., p. 3869-3871. (3.349 - IF1998). (1999 - Current Contents, SCOPUS). ISSN 0003-6951.

Ohlasy:

[1.1] RAFFY, H. In HIGH-TEMPERATURE SUPERCONDUCTORS. 2011, p. 174-207., WOS

[1.1] TRUCCATO, M. - IMBRAGUGLIO, D. - AGOSTINO, A. - CAGLIERO, S. - PAGLIERO, A. - MOTZKAU, H. - RYDH, A. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. OCT 2012, vol. 25, no. 10., WOS

ADCA134 GILABERT, A. - PLECENIK, Andrej - FRÖHLICH, Karol - GAŽI, Štefan - PRIPKO, Mojmír - MOZOLOVÁ, Želmíra - MACHAJDÍK, Daniel - BEŇAČKA, Štefan - MEDICI, M.G. - GRAJCAR, M. - KÚŠ, P. Photoinduced insulator-metal transition in La0.81MnO3/Al2O3/Nb tunnel junctions. In *Applied Physics Letters*, 2001, vol. 78, p. 1712-1714. (3.906 - IF2000). ISSN 0003-6951.

Ohlasy:

[1.1] NI, H. - YU, D. - ZHAO, K. - KONG, Y.C. - WONG, H.K. - ZHAO, S.Q. - ZHANG, W.S. In JOURNAL OF APPLIED PHYSICS. AUG 1 2011, vol. 110, no. 3., WOS

[1.2] Yu, D., Ni, H., Zhao, K., Zhao, S.Q., Da, S.L., Zhang, W.S., Yang, P.R., Kong, Y.-C., Wong, H.K. In Proceedings of 2011 International Conference on Electronic and Mechanical Engineering and Information Technology, EMEIT 2011 2 , art. no. 6023151 , pp. 725-728, SCOPUS

ADCA135 GLOWACKI, B.A. - MAJOROŠ, Milan. A method for decresing transport ac losses in multitilamentary and multistrip superconductors. In *Superconductor Science and Technology*, 2000, vol. 13, 971-973. (1.728 - IF1999). (2000 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] CAI, X.W. - KESGIN, I. - SCHMIDT, R. - CHEN, Y.M. - SELVAMANICKAM, V. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 3., WOS

[1.1] VOJENCIAK, M. - SOUC, J. - GOMORY, F. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUL 2011, vol. 24, no. 7., WOS

[1.2] Cicek, A., Inanir, F. Progress in Exergy, Energy, and the Environment Eds. Ibrahim Dincer, Adnan Midilli, Haydar Kucuk. Springer 2014. ISBN: 978-3-319-04680-8. P. 453-458, SCOPUS

ADCA136 GLOWACKI, B.A. - MAJOROŠ, Milan - RUTTER, N.A. - CAMPBELL, A.M. A new method for decreasing transport ac losses in multifilamentary coated

superconductors. In *Physica C : superconductivity and its applicacions*, 2001, vol. 357, p. 1213-1217. (1.489 - IF2000). (2001 - Current Contents, WOS, SCOPUS). ISSN 0921-4534.

Ohlasy:

[1.1] DEL-VALLE, N. - NAVAU, C. - SANCHEZ, A. - DINNER, R.B. In AIP ADVANCES. JUN 2012, vol. 2, no. 2., WOS

ADCA137 GLOWACKI, B.A. - MAJOROŠ, Milan - RUTTER, N.A. - CAMPBELL, A.M. Superconducting-magnetic heterostructures as a new method of decreasing transport AC losses in multifilamentary and coated superconductors. In *Cryogenics*, 2001, vol. 41, no. 2, p. 103-109. (0.554 - IF2000). ISSN 0011-2275.

Ohlasy:

[1.1] MA, G.T. - RAUH, H. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. OCT 2013, vol. 26, no. 10., WOS

[1.1] TAKACS, S. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAY 2013, vol. 26, no. 5., WOS

ADCA138 GLOWACKI, B.A. - MAJOROŠ, Milan - VICKERS, M. - EVETTS, J.E. - SHI, Y. - MCDOUGALL, I. Superconductivity of powder-in-tube MgB2 wires. In *Superconductor Science and Technology*, 2001, vol. 14, p. 193-199. (1.250 - IF2000). (2001 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] ASKERZADE, I.N. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. JAN 2011, vol. 24, no. 1-2, p. 275-278., WOS

[1.1] BRUNNER, B. - KOVAC, P. - REISSNER, M. - HUSEK, I. - MELISEK, T. - PARDO, E. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. OCT 15 2014, vol. 505, p. 39-43., WOS

[1.1] CAI, Q. - MA, Z.Q. - ZHAO, Q. - LIU, Y.C. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. AUG 2011, vol. 24, no. 6, p. 2013-2017., WOS

[1.1] CAI, Q. - MA, Z.Q. - LIU, Y.C. - ZHAO, Q. - GAO, Z.M. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. AUG 2012, vol. 22, no. 4., WOS

[1.1] DEVADAS, K.M. - RAHUL, S. - THOMAS, S. - VARGHESE, N. - VINOD, K. - SYAMAPRASAD, U. - PRADHAN, S. - CHATTOPADHYAY, M.K. - ROY, S.B. In JOURNAL OF ALLOYS AND COMPOUNDS. AUG 4 2011, vol. 509, no. 31, p. 8038-8041., WOS

[1.1] ELSABAWY, K.M. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. AUG 2011, vol. 24, no. 6, p. 1853-1861., WOS

[1.1] FLUKIGER, R. - HOSSAIN, M.S.A. - KULICH, M. - SENATORE, C. In ADVANCES IN CRYOGENIC ENGINEERING, VOL 58. 2012, vol. 1435, p. 353-362., WOS

[1.1] FUJII, H. - ITOH, S. - OZAWA, K. - KITAGUCHI, H. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 3., WOS

[1.1] FUJII, H. - OZAWA, K. - KITAGUCHI, H. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. OCT 2012, vol. 25, no. 10., WOS

[1.1] FUJII, H. - OZAWA, K. - KITAGUCHI, H. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUN 2012, vol. 25, no. 6., WOS

[1.1] FUJII, H. - OZAWA, K. - KITAGUCHI, H. In SUPERCONDUCTOR

SCIENCE & TECHNOLOGY. MAR 2014, vol. 27, no. 3., WOS
[1.1] HUSEK, I. - KOVAC, P. - ROSOVA, A. - MELISEK, T. - PACHLA, W. - HAIN, M. In JOURNAL OF ALLOYS AND COMPOUNDS. MAR 5 2014, vol. 588, p. 366-369., WOS
[1.1] KIM, C.J. - YI, J.H. - JUN, B.H. - YOU, B.Y. - PARK, S.D. - CHOO, K.N. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. JUL 15 2014, vol. 502, p. 4-9., WOS
[1.1] KIM, J.H. - OH, S. - HEO, Y.U. - HATA, S. - KUMAKURA, H. - MATSUMOTO, A. - MITSUHARA, M. - CHOI, S. - SHIMADA, Y. - MAEDA, M. - MACMANUS-DRISCOLL, J.L. - DOU, S.X. In NPG ASIA MATERIALS. JAN 2012, vol. 4., WOS
[1.1] KOVAC, P. - HUSEK, I. - MELISEK, T. - KOPERA, L. - KOVAC, J. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUN 2014, vol. 27, no. 6., WOS
[1.1] KULICH, M. - KOVAC, P. - WEBER, H.W. - HASSLER, W. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUN 2011, vol. 24, no. 6., WOS
[1.1] KUMAKURA, H. In JOURNAL OF THE PHYSICAL SOCIETY OF JAPAN. JAN 2012, vol. 81, no. 1., WOS
[1.1] LEI, H.C. - WANG, K.F. - HU, R.W. - RYU, H. - ABEYKOON, M. - BOZIN, E.S. - PETROVIC, C. In SCIENCE AND TECHNOLOGY OF ADVANCED MATERIALS. OCT 2012, vol. 13, no. 5., WOS
[1.1] LI, G.Z. - SUMPTION, M.D. - ZWAYER, J.B. - SUSNER, M.A. - RINDFLEISCH, M.A. - THONG, C.J. - TOMSIC, M.J. - COLLINGS, E.W. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. SEP 2013, vol. 26, no. 9., WOS
[1.1] MAEDA, M. - KIM, J.H. - OH, S. - LI, W.X. - TAKASE, K. - KUROIWA, Y. - DOU, S.X. - TAKANO, Y. In JOURNAL OF THE AMERICAN CERAMIC SOCIETY. SEP 2013, vol. 96, no. 9, p. 2893-2897., WOS
[1.1] MARTINEZ, E. - NAVARRO, R. - ANDRES, J.M. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. DEC 2013, vol. 26, no. 12., WOS
[1.1] MA, Z.Q. - LIU, Y.C. In INTERNATIONAL MATERIALS REVIEWS. NOV 2011, vol. 56, no. 5-6, p. 267-286., WOS
[1.1] MIZUTANI, S. - YAMAMOTO, A. - SHIMOYAMA, J. - OGINO, H. - KISHIO, K. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. NOV 2014, vol. 27, no. 11., WOS
[1.1] MIZUTANI, S. - YAMAMOTO, A. - SHIMOYAMA, J. - OGINO, H. - KISHIO, K. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. APR 2014, vol. 27, no. 4., WOS
[1.1] NIYOMSILPCHAI, N. - CHANGJAN, A. - UDOMSANNUTHIRUN, P. In APPLIED PHYSICS AND MATERIAL APPLICATIONS. 2013, vol. 770, p. 291-294., WOS
[1.1] PATEL, D. - MAEDA, M. - CHOI, S. - KIM, S.J. - SHAHABUDDIN, M. - PARAKANDY, J.M. - AL HOSSAIN, M.S. - KIM, J.H. In SCRIPTA MATERIALIA. OCT 1 2014, vol. 88, p. 13-16., WOS
[1.1] RANOT, M. - KANG, W.N. In CURRENT APPLIED PHYSICS. MAR 2012, vol. 12, no. 2, p. 353-363., WOS
[1.1] SHAHABUDDIN, M. - ALZAYED, N.S. - OH, S. - CHOI, S. -

MAEDA, M. - SHAH, M.S. - MOTAMAN, A. - AL HOSSAIN, M.S. - KIM, J.H. In SOLID STATE COMMUNICATIONS. MAR 2014, vol. 181, p. 20-23., WOS

[1.1] SINHA, B.B. - CHUNG, K.C. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. MAY 2013, vol. 26, no. 5, SI, p. 1507-1511., WOS

[1.1] SUDESH - KUMAR, N. - DAS, S. - BERNHARD, C. - VARMA, G.D. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. SEP 2013, vol. 26, no. 9., WOS

[1.1] TAKAHASHI, M. - KUMAKURA, H. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. NOV 2012, vol. 25, no. 11., WOS

[1.1] VIGNOLO, M. - BOVONE, G. - BERNINI, C. - PALENZONA, A. - KAWALE, S. - ROMANO, G. - SIRI, A.S. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. OCT 2013, vol. 26, no. 10., WOS

[1.1] YANG, Y. - SUSNER, M.A. - SUMPTION, M.D. - RINDFLEISCH, M. - TOMSIC, M. - COLLINGS, E.W. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. APR 2012, vol. 22, no. 2., WOS

[1.1] YE, S.J. - MATSUMOTO, A. - TOGANO, K. - OHMURA, T. - KUMAKURA, H. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. OCT 2013, vol. 26, no. 10., WOS

[1.1] YE, S.J. - MATSUMOTO, A. - ZHANG, Y.C. - KUMAKURA, H. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. AUG 2014, vol. 27, no. 8., WOS

[1.1] YE, S.J. - MATSUMOTO, A. - TOGANO, K. - ZHANG, Y.C. - OHMURA, T. - KUMAKURA, H. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAY 2014, vol. 27, no. 5., WOS

[1.1] YE, S.J. - SONG, M. - MATSUMOTO, A. - TOGANO, K. - ZHANG, Y. - KUMAKURA, H. - TAKEGUCHI, M. - TERANISHI, R. - KIYOSHI, T. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. DEC 2012, vol. 25, no. 12., WOS

[1.1] YE, S.J. - SONG, M.H. - MATSUMOTO, A. - TOGANO, K. - TAKEGUCHI, M. - OHMURA, T. - KUMAKURA, H. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. DEC 2013, vol. 26, no. 12., WOS

[1.2] Sinha, B.B., Jang, S.H., Chung, K.C. 2014 Progress in Superconductivity and Cryogenics (PSAC) 16 (2), pp. 24-28, SCOPUS

ADCA139 GLOWACKI, B.A. - MAJOROŠ, Milan. Transport ac losses in Bi-2223 multifilamentary tapes-conductor materials aspect. In *Superconductor Science and Technology*, 2000, vol. 13, p. 483-487. (1.728 - IF1999). (2000 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] KRUGER, P. - GRILLI, F. - VOJENCIAK, M. - ZERMENO, V.M.R. - DEMENCIK, E. - FARINON, S. In APPLIED PHYSICS LETTERS. MAY 20 2013, vol. 102, no. 20., WOS

[1.1] MA, G.T. - RAUH, H. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. OCT 2013, vol. 26, no. 10., WOS

ADCA140 GÖMÖRY, Fedor - ŠOUC, Ján - PARDO, Enric - SEILER, Eugen - SOLOVYOV, Mykola - FROLEK, Lubomír - SKARBA, M. - KONOPKA, P. -

PEKARČÍKOVÁ, M. - JANOVEC, J. AC loss in pancake coil made from 12mm wide ReBCO tape. In *IEEE Transactions on Applied Superconductivity*, 2013, vol. 23, 5900406. (1.199 - IF2012). (2013 - Current Contents, SCOPUS). ISSN 1051-8223.

Ohlasy:

[1.1] BRAMBILLA, R. - GRILLI, F. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. DEC 2014, vol. 27, no. 12., WOS

[1.1] JEONG, S. In CRYOGENICS. JUL-AUG 2014, vol. 62, p. 193-201., WOS

[1.1] PARK, J. - KIM, S. - PARK, I. - JEONG, S. In CRYOGENICS. SEP-OCT 2014, vol. 63, p. 77-84., WOS

[1.1] PITEL, J. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. DEC 2013, vol. 26, no. 12., WOS

ADCA141 GÖMÖRY, Fedor - VOJENČIAK, Michal - PARDO, Enric - SOLOVYOV, Mykola - ŠOUC, Ján. AC losses in coated conductors. In *Superconductor Science and Technology*, 2010, vol. 23, 034012. (2.694 - IF2009). (2010 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] AHN, M.C. - JANG, J.Y. - KO, T.K. - LEE, H. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 2, p. 1250-1253., WOS

[1.1] AINSLIE, M.D. - FLACK, T.J. - HONG, Z.Y. - COOMBS, T.A. In COMPEL-THE INTERNATIONAL JOURNAL FOR COMPUTATION AND MATHEMATICS IN ELECTRICAL AND ELECTRONIC ENGINEERING. 2011, vol. 30, no. 2, p. 762-774., WOS

[1.1] AINSLIE, M.D. - RODRIGUEZ-ZERMENO, V.M. - HONG, Z.Y. - YUAN, W.J. - FLACK, T.J. - COOMBS, T.A. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. APR 2011, vol. 24, no. 4., WOS

[1.1] AINSLIE, M.D. - YUAN, W.J. - HONG, Z.Y. - PEI, R.L. - FLACK, T.J. - COOMBS, T.A. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 3, p. 3265-3268., WOS

[1.1] AINSLIE, M.D. - YUAN, W.J. - FLACK, T.J. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 2., WOS

[1.1] BYKOVSKY, N.V. - FETISOV, S.S. - NOSOV, A.A. - ZUBKO, V.V. - VYSOTSKY, V.S. In 11TH EUROPEAN CONFERENCE ON APPLIED SUPERCONDUCTIVITY (EUCAS2013), PTS 1-4. 2014, vol. 507., WOS

[1.1] CAI, L. - XU, J. - LI, S. - LI, Z.Y. - JIN, Z. - RYU, K. - HWANG, S.D. - XU, X. - WEI, Z. - HONG, Z.Y. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2014, vol. 24, no. 3., WOS

[1.1] CARRERA, M. - GRANADOS, X. - AMOROS, J. - PUIG, T. - OBRADORS, X. In SUPERCONDUCTIVITY CENTENNIAL CONFERENCE 2011. 2012, vol. 36, p. 1625-1630., WOS

[1.1] DEL-VALLE, N. - AGRAMUNT-PUIG, S. - NAVAU, C. - SANCHEZ, A. In JOURNAL OF APPLIED PHYSICS. JAN 1 2012, vol. 111, no. 1., WOS

[1.1] FARINON, S. - FABBRICATORE, P. - GRILLI, F. - KRUGER, P.A.C. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. OCT 2012, vol. 25, no. 7, p. 2343-2350., WOS

[1.1] FETISOV, S.S. - ZUBKO, V.V. - NOSOV, A.A. - POLYAKOVA, N.V. - VYSOTSKY, V.S. In SUPERCONDUCTIVITY CENTENNIAL CONFERENCE 2011. 2012, vol. 36, p. 1319-1323., WOS
[1.1] FURMAN, G. - SPEKTOR, M. - MEEROVICH, V. - SOKOLOVSKY, V. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. JAN 2011, vol. 24, no. 1-2, p. 1045-1051., WOS
[1.1] GAITZSCH, U. - HANISCH, J. - HUHNE, R. - RODIG, C. - FREUDENBERGER, J. - HOLZAPFEL, B. - SCHULTZ, L. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. AUG 2013, vol. 26, no. 8., WOS
[1.1] GENENKO, Y.A. - RAUH, H. - KRUGER, P. In APPLIED PHYSICS LETTERS. APR 11 2011, vol. 98, no. 15., WOS
[1.1] GU, C. - QU, T.M. - LI, X.F. - HAN, Z.H. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. APR 2013, vol. 23, no. 2., WOS
[1.1] HE, A. - XUE, C. - YONG, H.D. - ZHOU, Y.H. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. FEB 2014, vol. 27, no. 2., WOS
[1.1] CHEN, Y.R. - ZHANG, M. - CHUDY, M. - MATSUDA, K. - COOMBS, T. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. JUN 2013, vol. 489, p. 1-7., WOS
[1.1] CHEN, Y.R. - ZHANG, M. - CHUDY, M. - WANG, W. - ZHONG, Z.Y. - HUANG, Z. - COOMBS, T. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 3., WOS
[1.1] CHEN, Y.R. - ZHANG, M. - CHUDY, M. - MATSUDA, K. - COOMBS, T. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. APR 2013, vol. 487, p. 31-36., WOS
[1.1] KILIC, A. - OLUTAS, M. - KILIC, K. - ALTINKOK, A. In JOURNAL OF APPLIED PHYSICS. DEC 1 2011, vol. 110, no. 11., WOS
[1.1] MAWATARI, Y. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUL 2013, vol. 26, no. 7., WOS
[1.1] MA, G.T. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUN 2014, vol. 27, no. 6., WOS
[1.1] PHILIPPE, M.P. - FAGNARD, J.F. - KIRSCH, S. - XU, Z. - DENNIS, A.R. - SHI, Y.H. - CARDWELL, D.A. - VANDERHEYDEN, B. - VANDERBEMDEN, P. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. JUL 15 2014, vol. 502, p. 20-30., WOS
[1.1] QUERALTO, A. - DEL PINO, A.P. - RICART, S. - OBRADORS, X. - PUIG, T. In JOURNAL OF ALLOYS AND COMPOUNDS. OCT 15 2013, vol. 574, p. 246-254., WOS
[1.1] RAUH, H. - MA, G.T. In JOURNAL OF APPLIED PHYSICS. NOV 21 2013, vol. 114, no. 19., WOS
[1.1] XIA, J. - ZHOU, Y.H. In SCIENCE CHINA-TECHNOLOGICAL SCIENCES. APR 2014, vol. 57, no. 4, p. 765-772., WOS
[1.1] XUE, Cun - ZHOU, Youhe. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. AUG 2014, vol. 24, no. 4., WOS
[1.1] YEN, F. - CHEN, X. - WANG, R.B. - ZHU, J.M. - LI, J. - MA, G.T. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. DEC 2013, vol. 23, no. 6., WOS
[1.1] YONG, H.D. - ZHAO, M. - JING, Z. - ZHOU, Y.H. In JOURNAL OF APPLIED PHYSICS. SEP 28 2014, vol. 116, no. 12., WOS

[1.1] ZERMENO, V.M.R. - ABRAHAMSEN, A.B. - MIJATOVIC, N. - SORENSEN, M.P. - JENSEN, B.B. - PEDERSEN, N.F. In SUPERCONDUCTIVITY CENTENNIAL CONFERENCE 2011. 2012, vol. 36, p. 786-790., WOS

[1.1] ZHANG, M. - KIM, J.H. - PAMIDI, S. - CHUDY, M. - YUAN, W.J. - COOMBS, T.A. In JOURNAL OF APPLIED PHYSICS. APR 15 2012, vol. 111, no. 8., WOS

[1.1] ZHANG, M. - KVITKOVIC, J. - KIM, J.H. - KIM, C.H. - PAMIDI, S.V. - COOMBS, T.A. In APPLIED PHYSICS LETTERS. SEP 3 2012, vol. 101, no. 10., WOS

ADCA142 GÖMÖRY, Fedor - INANIR, F. AC losses in coil wound from round wire coated by a superconducting layer. In *IEEE Transactions on Applied Superconductivity*, 2012, vol. 22, 4704704. (1.041 - IF2011). (2012 - Current Contents, SCOPUS). ISSN 1051-8223.

Ohlasy:

[1.1] KAWABATA, S. - MOTOMURA, R. - HIRAYAMA, T. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 2., WOS

[1.1] LAHTINEN, V. - STENVALL, A. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. MAR 2014, vol. 27, no. 3, p. 641-650., WOS

ADCA143 GÖMÖRY, Fedor - TAKÁCS, Silvester - LOBOTKA, Peter - FRÖHLICH, Karol - PLECHÁČEK, Vladimír. AC magnetization of high Tc superconductors at low superimposed DC fields. In *Physica C*, 1989, vol. 160, p. 1-7.

Ohlasy:

[1.1] THAKUR, K.P. - RAJ, A. - BRANDT, E.H. - SASTRY, P.V.P.S.S. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. APR 2011, vol. 24, no. 4., WOS

ADCA144 GÖMÖRY, Fedor - ŠOUC, Ján - VOJENČIAK, Michal. AC transport loss of coated conductors in anti-parallel arrangement. In *IEEE Transactions on Applied Superconductivity*, 2011, vol. 21, p. 3307-3310. (1.035 - IF2010). (2011 - Current Contents, WOS, SCOPUS). ISSN 1051-8223.

Ohlasy:

[1.1] NGUYEN, D.N. - COULTER, J.Y. - WILLIS, J.O. - ASHWORTH, S.P. - KRAEMER, H.P. - SCHMIDT, W. - CARTER, B. - OTTO, A. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAR 2011, vol. 24, no. 3., WOS

ADCA145 GÖMÖRY, Fedor - GHERARDI, L. - MELE, R. - MORIN, D. - CROTTI, G. Critical state and AC losses in multifilamentary BiSrCaCuO-2223/Ag tapes studies by transport and magnetic measurements. In *Physica C : Superconductivity and Its Applications*, 1997, vol. 279, p. 39. (1.723 - IF1996). (1997 - Current Contents, SCOPUS). ISSN 0921-4534.

Ohlasy:

[1.1] VOJENCIAK, M. - GRILLI, F. - STENVALL, A. - KLING, A. - GOLDACKER, W. In CRYOGENICS. OCT 2013, vol. 57, p. 189-194., WOS

ADCA146 GÖMÖRY, Fedor - TEBANO, R. - SANCHEZ, A. - PARDO, Enric - NAVAU, C. - HUŠEK, Imrich - STRÝČEK, František - KOVÁČ, Pavol. Current profiles and ac losses of a superconducting strip with an elliptic cross-section in a perpendicular magnetic field. In *Superconductor Science and Technology*, 2002, vol. 15, p. 1311-1315. (1.511 - IF2001). (2002 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] MAWATARI, Y. In PHYSICAL REVIEW B. APR 15 2011, vol. 83, no. 13., WOS

[1.1] ROSTILA, L. - BRISIGOTTI, S. - GRASSO, G. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. JAN 2011, vol. 24, no. 1-2, p. 313-317., WOS

[1.1] RUIZ, H.S. - BADIA-MAJOS, A. - GENENKO, Y.A. - RAUH, H. - YAMPOLSKII, S.V. In APPLIED PHYSICS LETTERS. MAR 12 2012, vol. 100, no. 11., WOS

[1.1] RUIZ, H.S. - BADIA-MAJOS, A. - GENENKO, Y.A. - YAMPOLSKII, S.V. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 3., WOS

[1.1] RUIZ, H.S. - BADIA-MAJOS, A. In JOURNAL OF APPLIED PHYSICS. MAY 21 2013, vol. 113, no. 19., WOS

ADCA147 GÖMÖRY, Fedor - LOBOTKA, Peter. Determination of shielding current density in bulk cylindrical samples of high Tc superconductors from AC susceptibility measurement. In *Solid State Communications*, 1988, vol. 66, p. 645-649.

Ohlasy:

[1.1] ANSARI, I.A. - SHAHABUDDIN, M. - ALZAYED, N.S. In PHYSICA SCRIPTA. DEC 2011, vol. 84, no. 6., WOS

[1.1] CHEN, D.X. - VIA, G. - NAVAU, C. - DEL-VALLE, N. - SANCHEZ, A. - WANG, S.S. - ROUCO, V. - PALAU, A. - PUIG, T. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUL 2011, vol. 24, no. 7., WOS

[1.1] KHURRAM, A.A. - KHAN, N.A. - AHMAD, S. - AWAIS, A. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. JAN 2011, vol. 471, no. 1-2, p. 35-41., WOS

[1.1] YILDIRIM, G. - ZALAOGLU, Y. - AKDOGAN, M. - ALTINTAS, S.P. - VARILCI, A. - TERZIOGLU, C. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. OCT 2011, vol. 24, no. 7, p. 2153-2159., WOS

ADCA148 GÖMÖRY, Fedor - SOLOVYOV, Mykola - ŠOUC, Ján - NAVAU, C. - CAMPS, J.P. - SANCHEZ, A. Experimental realization of a magnetic cloak. In *Science*, 2012, vol. 335, p. 1466-1468. (31.201 - IF2011). (2012 - Current Contents). ISSN 0036-8075.

Ohlasy:

[1.1] ALDICA, Gheorghe - BURDUSEL, Mihail - BADICA, Petre. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. OCT 15 2014, vol. 505, p. 18-23., WOS

[1.1] BANSAI, R. In IEEE MICROWAVE MAGAZINE. JAN-FEB 2013, vol. 14, no. 1, p. 22-+., WOS

[1.1] BJORK, R. - SMITH, A. - BAHL, C.R.H. In JOURNAL OF APPLIED PHYSICS. AUG 7 2013, vol. 114, no. 5., WOS
[1.1] ELASSY, K. S. - RAFAT, N. H. - KHEDR, M.E. - ALY, M. H. In APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING. MAY 2014, vol. 115, no. 2, p. 531-539., WOS
[1.1] FLEURY, R. - ALU, A. In PROGRESS IN ELECTROMAGNETICS RESEARCH-PIER. 2014, vol. 147, p. 171-202., WOS
[1.1] GBUR, G. In PROGRESS IN OPTICS, VOL 58. 2013, vol. 58, p. 65-114., WOS
[1.1] GOZZELINO, L. - AGOSTINO, A. - GERBALDO, R. - GHIGO, G. - LAVIANO, F. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. NOV 2012, vol. 25, no. 11., WOS
[1.1] GOZZELINO, L. - GERBALDO, R. - GHIGO, G. - LAVIANO, F. - AGOSTINO, A. - BONOMETTI, E. - CHIAMPI, M. - MANZIN, A. - ZILBERTI, L. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 3., WOS
[1.1] GOZZELINO, L. - GERBALDO, R. - GHIGO, G. - LAVIANO, F. - AGOSTINO, A. - BONOMETTI, E. - CHIAMPI, M. - MANZIN, A. - ZILBERTI, L. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. MAY 2013, vol. 26, no. 5, SI, p. 1513-1516., WOS
[1.1] HAN, Tiancheng - YE, Huapeng - LUO, Yu - YEO, Swee Ping - TENG, Jinghua - ZHANG, Shuang - QIU, Cheng-Wei. In ADVANCED MATERIALS. JUN 4 2014, vol. 26, no. 21, p. 3478-3483., WOS
[1.1] HAN, T. - BAI, X. - THONG, J.T. L. - LI, B. - QIU, C.-W. In ADVANCED MATERIALS. MAR 2014, vol. 26, no. 11, p. 1731-1734., WOS
[1.1] HAN, T. - BAI, X. - GAO, D. - THONG, J. T. L. - LI, B. - QIU, C.-W. In PHYSICAL REVIEW LETTERS. FEB 3 2014, vol. 112, no. 5., WOS
[1.1] HAN, T.C. - WU, Z.M. In PROGRESS IN ELECTROMAGNETICS RESEARCH-PIER. 2013, vol. 143, p. 131-141., WOS
[1.1] HAN, T.C. - YUAN, T. - LI, B.W. - QIU, C.W. In SCIENTIFIC REPORTS. APR 3 2013, vol. 3., WOS
[1.1] CHEN, P.Y. - SORIC, J. - ALU, A. In ADVANCED MATERIALS. NOV 20 2012, vol. 24, no. 44, p. OP281-OP304., WOS
[1.1] JIANG, W.X. - GE, S. - LUO, C.Y. - CUI, T.J. In APPLIED PHYSICS LETTERS. NOV 18 2013, vol. 103, no. 21., WOS
[1.1] JIANG, W.X. - LUO, C.Y. - MA, H.F. - MEI, Z.L. - CUI, T.J. In SCIENTIFIC REPORTS. DEC 11 2012, vol. 2., WOS
[1.1] JIANG, W.X. - LUO, C.Y. - MEI, Z.L. - CUI, T.J. In APPLIED PHYSICS LETTERS. JAN 7 2013, vol. 102, no. 1., WOS
[1.1] JIAO CHONG-QING - LI YUE-YUE. In ACTA PHYSICA SINICA. NOV 5 2014, vol. 63, no. 21., WOS
[1.1] JIAO, C.Q. - NIU, S. In ACTA PHYSICA SINICA. JUN 2013, vol. 62, no. 11., WOS
[1.1] JUNG, Philipp - USTINOV, Alexey V. - ANLAGE, Steven M. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUL 2014, vol. 27, no. 7., WOS
[1.1] KADIC, Muamer - DUPONT, Guillaume - ENOCH, Stefan - GUENNEAU, Sebastien. In PHYSICAL REVIEW A. OCT 10 2014, vol. 90, no. 4., WOS
[1.1] KAWAYAMA, I. - ZHANG, C.H. - WANG, H.B. - TONOUCHI, M.

In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. SEP 2013, vol. 26, no. 9., WOS
[1.1] KROON, L. In 2014 8TH INTERNATIONAL CONGRESS ON ADVANCED ELECTROMAGNETIC MATERIALS IN MICROWAVES AND OPTICS (METAMATERIALS). 2014., WOS
[1.1] LANDY, N. - SMITH, D.R. In NATURE MATERIALS. JAN 2013, vol. 12, no. 1, p. 25-28., WOS
[1.1] LIU, F. - LIANG, Z.X. - LI, J.S. In PHYSICAL REVIEW LETTERS. JUL 16 2013, vol. 111, no. 3., WOS
[1.1] LIU, M. - MEI, Z.L. - MA, X. - CUI, T.J. In APPLIED PHYSICS LETTERS. JUL 30 2012, vol. 101, no. 5., WOS
[1.1] LIU, Yichao - JIANG, Wei - HE, Sailing - MA, Yungui. In OPTICS EXPRESS. JUL 14 2014, vol. 22, no. 14, p. 17006-17015., WOS
[1.1] MAWATARI, Y. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUL 2013, vol. 26, no. 7., WOS
[1.1] MA, Guang-Tong. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUN 2014, vol. 27, no. 6., WOS
[1.1] MA, Q. - MEI, Z.L. - ZHU, S.K. - JIN, T.Y. - CUI, T.J. In PHYSICAL REVIEW LETTERS. OCT 22 2013, vol. 111, no. 17., WOS
[1.1] MA, X. - MEI, Z.L. - YANG, F. - CUI, T.J. In PROCEEDINGS OF THE 2012 INTERNATIONAL WORKSHOP ON METAMATERIALS (META) (2012), art. no. 6464925, WOS
[1.1] MA, Yungui - LIU, Yichao - RAZA, Muhammad - WANG, Yudong - HE, Sailing. In PHYSICAL REVIEW LETTERS. NOV 12 2014, vol. 113, no. 20., WOS
[1.1] MEI, Z.L. - LIU, Y.S. - YANG, F. - CUI, T.J. In OPTICS EXPRESS. NOV 5 2012, vol. 20, no. 23, p. 25758-25765., WOS
[1.1] MOCCIA, M. - CASTALDI, G. - SAVO, S. - SATO, Y. - GALDI, V. In PHYSICAL REVIEW X. MAY 12 2014, vol. 4, no. 2., WOS
[1.1] MOCCIA, M. - CASTALDI, G. - SAVO, S. - SATO, Y. - GALDI, V. In 2014 8TH INTERNATIONAL CONGRESS ON ADVANCED ELECTROMAGNETIC MATERIALS IN MICROWAVES AND OPTICS (METAMATERIALS). 2014., WOS
[1.1] MONTICONE, F. - ALU, A. In PHYSICAL REVIEW X. OCT 21 2013, vol. 3, no. 4., WOS
[1.1] NARAYANA, S. - SAVO, S. - SATO, Y. In APPLIED PHYSICS LETTERS. MAY 20 2013, vol. 102, no. 20., WOS
[1.1] NIU, S. - JIAO, C.Q. - LI, L. In ACTA PHYSICA SINICA. NOV 2013, vol. 62, no. 21., WOS
[1.1] PANIAGUA-DOMINGUEZ, R. - ABUJETAS, D.R. - FROUFE-PEREZ, L.S. - SAENZ, J.J. - SANCHEZ-GIL, J.A. In OPTICS EXPRESS. SEP 23 2013, vol. 21, no. 19, p. 22076-22089., WOS
[1.1] SCHITTNY, Robert - KADIC, Muamer - BUECKMANN, Tiemo - WEGENER, Martin. In SCIENCE. JUL 25 2014, vol. 345, no. 6195, p. 427-429., WOS
[1.1] SUN, Fei - HE, Sailing. In SCIENTIFIC REPORTS. OCT 13 2014, vol. 4., WOS
[1.1] SUN, F. - HE, S.L. In PROGRESS IN ELECTROMAGNETICS RESEARCH-PIER. 2013, vol. 142, p. 579-590., WOS
[1.1] SUN, F. - HE, S.L. In PROGRESS IN ELECTROMAGNETICS

RESEARCH-PIER. 2013, vol. 137, p. 149-157., WOS
[1.1] TADA, S. - TSUCHIYA, Y. - NAKAJIMA, Y. - TAMEGAI, T. - NAGASAWA, S. - HIDAKA, M. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. NOV 2013, vol. 494, p. 113-116., WOS
[1.1] TAMEGAI, T. - TSUCHIYA, Y. - TADA, S. - IBUKA, J. - MINE, A. - PYON, S. - MAWATARI, Y. - NAGASAWA, S. - HIDAKA, M. - MAEZAWA, M. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. AUG 15 2014, vol. 503, p. 62-69., WOS
[1.1] TSUCHIYA, Y. - MAWATARI, Y. - IBUKA, J. - TADA, S. - PYON, S. - NAGASAWA, S. - HIDAKA, M. - MAEZAWA, M. - TAMEGAI, T. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. SEP 2013, vol. 26, no. 9., WOS
[1.1] UNLU, M. - HASHEMI, M. R. - BERRY, C. W. - LI, S. - YANG, S. -H. - JARRAHI, M. In SCIENTIFIC REPORTS. JUL 16 2014, vol. 4., WOS
[1.1] WANG, Ke - ZHAO, Jie - CHENG, Qiang - DONG, Di Sha - CUI, Tie Jun. In SCIENTIFIC REPORTS. AUG 4 2014, vol. 4., WOS
[1.1] WANG, R. F. - MEI, Z. L. - YANG, X. Y. - MA, X. - CUI, T. J. In PHYSICAL REVIEW B. APR 7 2014, vol. 89, no. 16., WOS
[1.1] WANG, R.F. - MEI, Z.L. - CUI, T.J. In APPLIED PHYSICS LETTERS. MAY 27 2013, vol. 102, no. 21., WOS
[1.1] XU, H. - SHI, X. - GAO, F.- SUN, H. - ZHANG, B. In PHYSICAL REVIEW LETTERS. FEB 3 2014, vol. 112, no. 5., WOS
[1.1] YAMPOLSKII, S. V. - GENENKO, Y. A. In APPLIED PHYSICS LETTERS. APR 7 2014, vol. 104, no. 14., WOS
[1.1] YAMPOLSKII, S. V. - GENENKO, Y. A. In APPLIED PHYSICS LETTERS. JAN 20 2014, vol. 104, no. 3., WOS
[1.1] YANG, F. - MEI, Z.L. - JIN, T.Y. - CUI, T.J. In PHYSICAL REVIEW LETTERS. AUG 2 2012, vol. 109, no. 5., WOS
[1.1] YANG, F. - MEI, Z.L. - YANG, X.Y. - JIN, T.Y. - CUI, T.J. In ADVANCED FUNCTIONAL MATERIALS. SEP 20 2013, vol. 23, no. 35, p. 4306-4310., WOS
[1.1] YANG, Y. - GAO, L. - LOPEZ, G.P. - YELLEN, B.B. In ACS NANO. MAR 2013, vol. 7, no. 3, p. 2705-2716., WOS
[1.1] YAO, Kan - CHEN, Huanyang - LIU, Yongmin - JIANG, Xunya. In NEW JOURNAL OF PHYSICS. JUN 5 2014, vol. 16., WOS
[1.1] YONG, Huadong - ZHAO, Meng - JING, Ze - ZHOU, Youhe. In JOURNAL OF APPLIED PHYSICS. SEP 28 2014, vol. 116, no. 12., WOS
[1.1] ZENG, Lunwu - SONG, Runxia. In APPLIED PHYSICS LETTERS. MAY 19 2014, vol. 104, no. 20., WOS
[1.1] ZENG, Lunwu - TANG, Zhongliang - LI, Hua - ZHAO, Yanyan - DAI, Cunli - SONG, Runxia. In MODERN PHYSICS LETTERS B. MAY 20 2014, vol. 28, no. 12., WOS
[1.1] ZENG, L. In PHYSICS LETTERS A. FEB 28 2014, vol. 378, no. 13, p. 923-926., WOS
[1.1] ZENG, L.W. - SONG, R.X. In SCIENTIFIC REPORTS. NOV 28 2013, vol. 3., WOS
[1.1] ZHANG, B.L. In LIGHT-SCIENCE & APPLICATIONS. OCT 2012, vol. 1., WOS
[1.1] ZHELUDEV, N.I. - KIVSHAR, Y.S. In NATURE MATERIALS. NOV 2012, vol. 11, no. 11, p. 917-924., WOS

[1.1] ZHU, W. - PREMARATNE, M. - HUANG, Y. In JOURNAL OF ELECTROMAGNETIC WAVES AND APPLICATIONS. 2012, vol. 26, no. 17-18, p. 2315-2322., WOS

[1.2] Bansal, R.: IEEE Antennas and Propagation Magazine 54 (2012) 198, SCOPUS

[1.2] Cheng, Q., Tang, W., Ma, H., Jiang, W., Bao, D.: 8th European Conference on Antennas and Propagation, EuCAP 2014 6901745, pp. 276-277, SCOPUS

[1.2] Li, Y.Y., Jiao, C.Q.: 2014 Progress in Electromagnetics Research Symposium pp. 257-261, SCOPUS

[1.2] Xu, W.-K., Lu, S.-W., Ma, K.-M., Xiong, X.-H.: Gongneng Cailiao/Journal of Functional Materials 45 (2014), pp. 04017-04022+04026, SCOPUS

ADCA149 GÖMÖRY, Fedor - ŠOUC, Ján - LAUDIS, Andrej - KOVÁČ, Pavol - HUŠEK, Imrich. Experimental study of the effect of filament orientation on the transport and magnetic AC loss in Bi-2223/Ag multifilamentary tapes. In *Superconductor Science and Technology*, 2000, vol. 13, p. 1580-1586. (1.728 - IF1999). (2000 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] HUANG, C.G. - YONG, H.D. - ZHOU, Y.H. In JOURNAL OF LOW TEMPERATURE PHYSICS. JUL 2013, vol. 172, no. 1-2, p. 59-69., WOS

ADCA150 GÖMÖRY, Fedor. Fast inductive method for determination of critical current density in bulk high Tc superconductors. In *Solid State Communications*, 1989, vol. 70, no. 9, p. 879-883.

Ohlasy:

[1.1] ANSARI, I.A. - SHAHABUDDIN, M. - ALZAYED, N.S. In PHYSICA SCRIPTA. DEC 2011, vol. 84, no. 6., WOS

[1.1] SHARMA, S. - PRAKASH, J. - THAKUR, G.S. - SATYA, A.T. - BHARATHI, A. - GANGULI, A.K. - SUNDAR, C.S. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUN 2011, vol. 24, no. 6., WOS

ADCA151 GÖMÖRY, Fedor. Characterization of high-temperature superconductors by AC susceptibility measurement : Topical Review. In *Superconductor Science and Technology*, 1997, vol. 10, p. 523-542. (1.447 - IF1996). (1997 - Current Contents, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] ABDEL-HAFIEZ, M. - ASWARTHAM, S. - WURMEHL, S. - GRINENKO, V. - HESS, C. - DRECHSLER, S.L. - JOHNSTON, S. - WOLTER, A.U.B. - BUCHNER, B. - ROSNER, H. - BOERI, L. In PHYSICAL REVIEW B. APR 30 2012, vol. 85, no. 13., WOS

[1.1] AMVRAZI, I. - PISSAS, M. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. AUG 15 2014, vol. 503, p. 42-47., WOS

[1.1] ANOOJA, J.B. - ASWATHY, P.M. - VARGHESE, N. - ALOYSIUS, R.P. - SYAMAPRASAD, U. In JOURNAL OF THE AMERICAN CERAMIC SOCIETY. JUL 2014, vol. 97, no. 7, p. 2099-2104., WOS

[1.1] ANSARI, I.A. - SHAHABUDDIN, M. - ALZAYED, N.S. In PHYSICA SCRIPTA. DEC 2011, vol. 84, no. 6., WOS

[1.1] BABAEI-BROJENY, A.A. - ZADEH, A.S. - MOLAVI, M. In 26TH INTERNATIONAL CONFERENCE ON LOW TEMPERATURE PHYSICS (LT26), PTS 1-5. 2012, vol. 400., WOS
[1.1] BABAEI-BROJENY, A.A. - SHARBAF-ZADEH, A. - MOLAVI, M. - SOHRABI, M. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. AUG 15 2014, vol. 503, p. 33-35., WOS
[1.1] BUCHKOV, K. - NENKOV, K. - ZALESKI, A. - NAZAROVA, E. - POLICHETTI, M. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. FEB 2012, vol. 473, p. 48-56., WOS
[1.1] CELENTANO, G. - DE MARZI, G. - GAUDIO, S. - AUGIERI, A. - GALLUZZI, V. - MANCINI, A. - RUFOLONI, A. - VANNOZZI, A. - DELLA CORTE, A. - GAMBARDELLA, U. - SAGGESE, A. - JIANG, J.J. - WEISS, J. - HELLSTROM, E. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 3, p. 2874-2877., WOS
[1.1] CIOU, Y.S. - LEE, M.K. - CHARNAYA, E.V. - TIEN, C. - CHANG, L.J. - KUMZEROV, Y.A. - SAMOYLOVICH, M.I. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAY 2013, vol. 26, no. 5., WOS
[1.1] CIOU, Y.S. - TIEN, C. - CHARNAYA, E.V. - XING, D.Y. - LEE, M.K. - KUMZEROV, Y.A. - PIROZERSKII, A.L. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. JUL 2012, vol. 477, p. 51-55., WOS
[1.1] CLAVERO, C. - BERINGER, D.B. - ROACH, W.M. - SKUZA, J.R. - WONG, K.C. - BATCHELOR, A.D. - REECE, C.E. - LUKASZEW, R.A. In CRYSTAL GROWTH & DESIGN. MAY 2012, vol. 12, no. 5, p. 2588-2593., WOS
[1.1] FARINON, S. - FABBRICATORE, P. - GRILLI, F. - KRUGER, P.A.C. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. OCT 2012, vol. 25, no. 7, p. 2343-2350., WOS
[1.1] GE, J.Y. - GUTIERREZ, J. - LI, M.T. - ZHANG, J.C. - MOSHCHALKOV, V.V. In APPLIED PHYSICS LETTERS. JUL 29 2013, vol. 103, no. 5., WOS
[1.1] GOLOVCHANSKIY, I.A. - PAN, A.V. - SHCHERBAKOVA, O.V. - FEDOSEEV, S.A. In JOURNAL OF APPLIED PHYSICS. OCT 28 2013, vol. 114, no. 16., WOS
[1.1] GUCLU, N. - KOLEMEN, U. In MATERIALS SCIENCE-POLAND. SEP 2011, vol. 29, no. 3, p. 209-215., WOS
[1.1] GUO, Z.C. - SUO, H.L. - LIU, Z.Y. - SANDU, V. - ALDICA, G. - BADICA, P. In OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS. NOV-DEC 2012, vol. 6, no. 11-12, p. 976-979., WOS
[1.1] CHAKRABARTI, A. - NEOGY, C. In CRYOGENICS. MAY-JUN 2013, vol. 55-56, p. 35-46., WOS
[1.1] JANU, Z. - SOUKUP, F. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. JUN 15 2014, vol. 501, p. 55-61., WOS
[1.1] KIRSCH, S. - FAGNARD, J.F. - VANDERBEMDEN, P. - VANDERHEYDEN, B. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. NOV 2013, vol. 26, no. 11., WOS
[1.1] KUMAR, J. - SHARMA, D. - AHLUWALIA, P.K. - AWANA, V.P.S. In MATERIALS CHEMISTRY AND PHYSICS. MAY 15 2013, vol. 139, no. 2-3, p. 681-688., WOS

[1.1] LEE, M.K. - CHARNAYA, E.V. - TIEN, C. - CHANG, L.J. - KUMZEROV, Y.A. In JOURNAL OF APPLIED PHYSICS. MAR 21 2013, vol. 113, no. 11., WOS
[1.1] LIU, G.H. - ZHANG, L. - LI, Y.B. - YU, J.Y. - DENG, Y. - TANG, Z. - DING, S.Y. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. DEC 2013, vol. 495, p. 1-4., WOS
[1.1] LI, X.F. - GRIVEL, J.C. - ABRAHAMSEN, A.B. - ANDERSEN, N.H. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. JUL 2012, vol. 477, p. 6-14., WOS
[1.1] MANCUSI, D. - GIUBILEO, F. - MIZUGUCHI, Y. - PACE, S. - POLICHETTI, M. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. DEC 15 2014, vol. 507, p. 47-54., WOS
[1.1] MORGHI, R. - NAFIDI, A. - ABOULKASSIM, A. - KHALLOUQ, K. - CHAIB, H. - KHALAL, A. - TIRBIYINE, A. - TAOUFIK, A. - SOUCASE, B.M. - GARCIA, M.A.M. - SINGH, K.C. In JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS. NOV-DEC 2013, vol. 15, no. 11-12, p. 1306-1310., WOS
[1.1] MUMTAZ, M. - KHAN, N.A. - ABBAS, S. In SCRIPTA MATERIALIA. OCT 2013, vol. 69, no. 7, p. 517-520., WOS
[1.1] NAVAU, C. - DEL-VALLE, N. - SANCHEZ, A. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. FEB 2013, vol. 23, no. 1., WOS
[1.1] PAULSEN, C. - HYKEL, D.J. - HASSELBACH, K. - AOKI, D. In PHYSICAL REVIEW LETTERS. DEC 3 2012, vol. 109, no. 23., WOS
[1.1] POLICHETTI, M. - ZOLA, D. - LUO, J.L. - CHEN, G.F. - LI, Z. - WANG, N.L. - NOCE, C. - PACE, S. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. FEB 2012, vol. 25, no. 2., WOS
[1.1] PRANDO, G. - CARRETTA, P. - DE RENZI, R. - SANNA, S. - PALENZONA, A. - PUTTI, M. - TROPEANO, M. In PHYSICAL REVIEW B. MAY 17 2011, vol. 83, no. 17., WOS
[1.1] PRANDO, G. - CARRETTA, P. - DE RENZI, R. - SANNA, S. - GRAFE, H.J. - WURMEHL, S. - BUCHNER, B. In PHYSICAL REVIEW B. APR 24 2012, vol. 85, no. 14., WOS
[1.1] PRANDO, G. - GIRAUD, R. - ASWARTHAM, S. - VAKALIUK, O. - ABDEL-HAFIEZ, M. - HESS, C. - WURMEHL, S. - WOLTER, A.U.B. - BUCHNER, B. In JOURNAL OF PHYSICS-CONDENSED MATTER. DEC 18 2013, vol. 25, no. 50., WOS
[1.1] RAES, B. - SILVA, C.C.D.S. - SILHANEK, A.V. - CABRAL, L.R.E. - MOSHCHALKOV, V.V. - VAN DE VONDEL, J. In PHYSICAL REVIEW B. OCT 13 2014, vol. 90, no. 13., WOS
[1.1] RAES, B. - VAN DE VONDEL, J. - SILHANEK, A.V. - SILVA, C.C.D. - GUTIERREZ, J. - KRAMER, R.B.G. - MOSHCHALKOV, V.V. In PHYSICAL REVIEW B. AUG 23 2012, vol. 86, no. 6., WOS
[1.1] SALEM, A.F. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. DEC 2014, vol. 27, no. 12, p. 2707-2711., WOS
[1.1] SHARMA, D. - KUMAR, R. - AWANA, V.P.S. In CERAMICS INTERNATIONAL. MAR 2013, vol. 39, no. 2, p. 1143-1152., WOS
[1.1] SHARMA, S. - PRAKASH, J. - THAKUR, G.S. - SATYA, A.T. - BHARATHI, A. - GANGULI, A.K. - SUNDAR, C.S. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUN 2011, vol. 24, no. 6., WOS

[1.1] SHARMA, S. - PRAKASH, J. - THAKUR, G.S. - BHARATHI, A. - GANGULI, A.K. - SUNDAR, C.S. In SOLID STATE PHYSICS: PROCEEDINGS OF THE 55TH DAE SOLID STATE PHYSICS SYMPOSIUM 2010, PTS A AND B. ISSN 0094-243X, 2011, vol. 1349, p. 899-900., WOS

[1.1] SUGAWARA, T. - IIDA, H. - AOKI, H. - KIMURA, N. In JOURNAL OF THE PHYSICAL SOCIETY OF JAPAN. MAY 2012, vol. 81, no. 5., WOS

[1.1] VANDERBEMDEN, P. - MOLENBERG, I. - SIMEONOVA, P. - LOVCHINOV, V. In 18TH INTERNATIONAL SCHOOL ON CONDENSED MATTER PHYSICS: CHALLENGES OF NANOSCALE SCIENCE: THEORY, MATERIALS, APPLICATIONS. 2014, vol. 558., WOS

[1.1] XUE, C. - HE, A. - YONG, H.D. - ZHOU, Y.H. In AIP ADVANCES. DEC 2013, vol. 3, no. 12., WOS

[1.1] ZHANG, L. - DING, S.Y. - LIU, G.H. - LI, P. - TANG, Z. - LI, Y.B. - HUANG, K. - ZHU, X.B. - SUN, Y.P. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. MAY 2012, vol. 475, p. 38-42., WOS

[1.2] Miu, L., Mele, P., Ivan, I., Ionescu, A.M., Crisan, A., Badica, P., Miu, D.: In Size Effects in Nanostructures Basics and Applications. ISBN: 978-3-662-44478-8. Springer Series in Materials Science (2014) Vol. 205, pp. 293-317, SCOPUS

[1.2] Silhanek, A.V., Gutierrez, J., Kramer, R.B.G., Ataklti, G.W., Van De Vondel, J., Moshchalkov, V.V., Sanchez, A. In Physical Review B - Condensed Matter and Materials Physics 83 (2011) , art. no. 024509, SCOPUS

[1.2] Sugawara, T., Kimura, N., Aoki, H. In Journal of the Physical Society of Japan 80 (SUPPL. A) (2011), art. no. SA067, SCOPUS

ADCA152 GÖMÖRY, Fedor. Improvement of the self-field critical current of a high-Tc superconducting tape by the edge cover from soft ferromagnetic material. In *Applied Physics Letters*, 2006, vol. 89, 072506. (4.127 - IF2005). (2006 - Current Contents, SCOPUS). ISSN 0003-6951.

Ohlasy:

[1.1] GRINENKO, V. - FUCHS, G. - NENKOV, K. - HOLZAPFEL, B. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAR 2013, vol. 26, no. 3., WOS

[1.1] LECLERC, J. - BERGER, K. - DOUINE, B. - LEVEQUE, J. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2012, vol. 22, no. 3., WOS

[1.1] LOUSBERG, G.P. - FAGNARD, J.F. - CHAUD, X. - AUSLOOS, M. - VANDERBEMDEN, P. - VANDERHEYDEN, B. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAR 2011, vol. 24, no. 3., WOS

[1.1] MA, G.T. - RAUH, H. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. OCT 2013, vol. 26, no. 10., WOS

[1.1] WANG, S.P. - ZHU, Q.X. - ZHU, W. - MIN, F. In JOURNAL OF APPLIED MATHEMATICS. 2013., WOS

[1.1] XIE, P. - QU, T.M. - SONG, P. - GU, C. - HUANG, K.T. - HAN, Z. - ZENG, P. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. NOV 2011, vol. 471, no. 21-22, p. 1103-1106., WOS

[1.1] XUE, C. - ZHOU, Y. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. AUG 2014, vol. 24, no. 4., WOS

ADCA153 GÖMÖRY, Fedor - TAKÁCS, Silvester. Irreversibility line and non-linearity in the AC response caused by fllux pinning in high Tc superconductors. In *Physica C : superconductivity and its applicacions*, 1993, vol. 217, p. 297. (2.044 - IF1992). (1993 - Current Contents, SCOPUS). ISSN 0921-4534.

Ohlasy:

[1.1] DING, Y. - SUN, Y. - WANG, X.D. - SHI, Z.X. - REN, Z.A. - YANG, J. - LU, W. In JOURNAL OF ALLOYS AND COMPOUNDS. FEB 3 2011, vol. 509, no. 5, p. 1424-1429., WOS

ADCA154 GÖMÖRY, Fedor. Low frequency magnetic measurements on high-Tc superconducting materials. In *Thermochimica Acta*, 1991, vol. 174, p. 299-320.

Ohlasy:

[1.1] MANCUSI, D. - GIUBILEO, F. - MIZUGUCHI, Y. - PACE, S. - POLICHETTI, M. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. DEC 15 2014, vol. 507, p. 47-54., WOS

ADCA155 GÖMÖRY, Fedor - PARDO, Enric - VOJENČIAK, Michal - ŠOUC, Ján. Magnetic flux penetration and transport AC loss in superconductor coated conductor on ferromagnetic substrate. In *IEEE Transactions on Applied Superconductivity*, 2009, vol. 19, p. 3102-3105. (0.919 - IF2008). (2009 - Current Contents, SCOPUS).

Ohlasy:

[1.1] JIANG, Z.A. - THAKUR, K.P. - STAINES, M. - BADCOCK, R.A. - LONG, N.J. - BUCKLEY, R.G. - AMEMIYA, N. - CAPLIN, A.D. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 3, p. 3289-3292., WOS

[1.1] YONG, H.D. - ZHAO, M. - JING, Z. - ZHOU, Y.H. In JOURNAL OF APPLIED PHYSICS. SEP 28 2014, vol. 116, no. 12., WOS

ADCA156 GÖMÖRY, Fedor - VOJENČIAK, Michal - PARDO, Enric - ŠOUC, Ján. Magnetic flux penetration and AC loss in a composite superconducting wire with ferromagnetic parts. In *Superconductor Science and Technology*, 2009, vol. 22, 034017. (1.847 - IF2008). (2009 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] AINSLIE, M.D. - YUAN, W.J. - FLACK, T.J. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 2., WOS

[1.1] CAMPBELL, A.M. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. DEC 2014, vol. 27, no. 12., WOS

[1.1] CARRERA, M. - GRANADOS, X. - AMOROS, J. - PUIG, T. - OBRADORS, X. In SUPERCONDUCTIVITY CENTENNIAL CONFERENCE 2011. 2012, vol. 36, p. 1625-1630., WOS

[1.1] DEL-VALLE, N. - AGRAMUNT-PUIG, S. - NAVAU, C. - SANCHEZ, A. In JOURNAL OF APPLIED PHYSICS. JAN 1 2012, vol. 111, no. 1., WOS

[1.1] FARINON, S. - FABBRICATORE, P. - GRILLI, F. - KRUGER, P.A.C. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. OCT 2012, vol. 25, no. 7, p. 2343-2350., WOS

[1.1] FETISOV, S.S. - ZUBKO, V.V. - NOSOV, A.A. - POLYAKOVA, N.V. - VYSOTSKY, V.S. In SUPERCONDUCTIVITY CENTENNIAL

CONFERENCE 2011. 2012, vol. 36, p. 1319-1323., WOS
[1.1] GU, C. - QU, T.M. - LI, X.F. - HAN, Z.H. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. APR 2013, vol. 23, no. 2., WOS
[1.1] LAHTINEN, V. - STENVALL, A. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. MAR 2014, vol. 27, no. 3, p. 641-650., WOS
[1.1] LYLY, M. - HOLM, M. - STENVALL, A. - MIKKONEN, R. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. FEB 2013, vol. 23, no. 1., WOS
[1.1] LYLY, M. - ZERMENO, V. - STENVALL, A. - LAHTINEN, V. - MIKKONEN, R. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 3., WOS
[1.1] MA, G.T. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. OCT 2013, vol. 23, no. 5., WOS
[1.1] MA, G.T. - RAUH, H. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. OCT 2013, vol. 26, no. 10., WOS
[1.1] NAVAU, C. - DEL-VALLE, N. - SANCHEZ, A. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. FEB 2013, vol. 23, no. 1., WOS
[1.1] RAUH, H. - MA, G.T. In JOURNAL OF APPLIED PHYSICS. NOV 21 2013, vol. 114, no. 19., WOS
[1.1] RUIZ, H.S. - BADIA-MAJOS, A. - GENENKO, Y.A. - RAUH, H. - YAMPOLSKII, S.V. In APPLIED PHYSICS LETTERS. MAR 12 2012, vol. 100, no. 11., WOS
[1.1] STENVALL, A. - LAHTINEN, V. - LYLY, M. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. OCT 2014, vol. 27, no. 10., WOS
[1.1] XIE, P. - QU, T.M. - SONG, P. - GU, C. - HUANG, K.T. - HAN, Z. - ZENG, P. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. NOV 2011, vol. 471, no. 21-22, p. 1103-1106., WOS
[1.1] ZERMENO, V.M.R. - ABRAHAMSEN, A.B. - MIJATOVIC, N. - SORENSEN, M.P. - JENSEN, B.B. - PEDERSEN, N.F. In SUPERCONDUCTIVITY CENTENNIAL CONFERENCE 2011. 2012, vol. 36, p. 786-790., WOS
[1.1] ZHANG, M. - KIM, J.H. - PAMIDI, S. - CHUDY, M. - YUAN, W.J. - COOMBS, T.A. In JOURNAL OF APPLIED PHYSICS. APR 15 2012, vol. 111, no. 8., WOS
[1.1] ZHANG, M. - KVITKOVIC, J. - KIM, J.H. - KIM, C.H. - PAMIDI, S.V. - COOMBS, T.A. In APPLIED PHYSICS LETTERS. SEP 3 2012, vol. 101, no. 10., WOS
[1.1] ZOU, S.N. - GU, C. - QU, T.M. - HAN, Z. In REVIEW OF SCIENTIFIC INSTRUMENTS. OCT 2013, vol. 84, no. 10., WOS

ADCA157 GÖMÖRY, Fedor - ŠOUC, Ján - FABBRICATORE, P. - FARINON, S. - STRÝČEK, František - KOVÁČ, Pavol - HUŠEK, Imrich. Magnetic hysteresis loss in Bi-2223/Ag tapes with different filament arrangement. In *Physica C*, 2002, vol. 371, p. 229-236. (0.806 - IF2001). (2002 - Current Contents, WOS, SCOPUS). ISSN 0921-4534.

Ohlasy:
[1.1] OKU, T. In NANOTECHNOLOGY REVIEWS. OCT 2014, vol. 3, no. 5, SI, p. 413-444., WOS

ADCA158 GÖMÖRY, Fedor - FROLEK, Lubomír - ŠOUC, Ján - COLETTA, G. - SPREAFICO, S. Measurement od DC critical current in superconducting cable with non-uniformity. In *IEEE Transactions on Applied Superconductivity*, 2003, vol. 13, p. 1968-1972.
Ohlasy:
[1.1] SUN, J. - YAMAUCHI, S. - SUGINO, M. - WATANABE, H. - HAMABE, M. - KAWAHARA, T. - YAMAGUCHI, S. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. NOV 2011, vol. 471, no. 21-22, p. 1313-1316., WOS
[1.2] Barth, C. High Temperature Superconductor Cable Concepts for Fusion Magnets. PhD Thesis Karlsruhe: KIT Scientific Publishing, 2013., SCOPUS

ADCA159 GÖMÖRY, Fedor - FROLEK, Lubomír - ŠOUC, Ján. Non-uniform current distribution as the cause of false voltage signals in the ac loss measurement on a superconducting cable. In *Superconductor Science and Technology*, 2005, vol. 18, p. 780-790. (1.556 - IF2004). (2005 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.
Ohlasy:
[1.1] JIANG, Z. - THAKUR, K.P. - LONG, N.J. - BADCOCK, R.A. - STAINES, M. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. NOV 2011, vol. 471, no. 21-22, p. 999-1002., WOS
[1.1] JIANG, Z.A. - LONG, N.J. - STAINES, M. - BADCOCK, R.A. - BUCKLEY, R.G. - TALANTSEV, E. - AMEMIYA, N. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 2., WOS
[1.1] JIANG, Z.A. - THAKUR, K.P. - STAINES, M. - BADCOCK, R.A. - LONG, N.J. - BUCKLEY, R.G. - AMEMIYA, N. - CAPLIN, A.D. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 3, p. 3289-3292., WOS
[1.1] JIANG, Z.N. - THAKUR, K.P. - STAINES, M. - BADCOCK, R.A. - LONG, N.J. - BUCKLEY, R.G. - CAPLIN, A.D. - AMEMIYA, N. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUN 2011, vol. 24, no. 6., WOS
[1.1] NGUYEN, D.A. - ASHWORTH, S.P. - DUCKWORTH, R. - CARTER, W. - FLESHLER, S. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 2, p. 996-1000., WOS
[1.1] NGUYEN, D.N. - KIM, C.H. - KIM, J.H. - PAMIDI, S. - ASHWORTH, S.P. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. SEP 2013, vol. 26, no. 9., WOS
[1.1] SCHLACHTER, S.I. - GOLDACKER, W. In HIGH TEMPERATURE SUPERCONDUCTORS (HTS) FOR ENERGY APPLICATIONS. 2012, no. 27, p. 69-100., WOS

ADCA160 GÖMÖRY, Fedor - FROLEK, Lubomír - ŠOUC, Ján - LAUDIS, Andrej - KOVÁČ, Pavol - HUŠEK, Imrich. Partitioning of transport AC loss in a

superconducting tape into magnetic and resistive components. In *IEEE Transactions on Applied Superconductivity*, 2001, vol. 11, no. 1, p. 2967-2970. (0.791 - IF2000).

Ohlasy:

[1.1] DAI, J.S. - WANG, Y.S. - ZHAO, W.J. - XIA, L.M. - SUN, D. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. OCT 2014, vol. 24, no. 5., WOS

[1.1] DAI, J.S. - WANG, Y.S. - ZHAO, W.J. - XIA, L.M. - SUN, D. In 2013 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices (ASEMD). 2013, p. 124-127., WOS

[1.1] SUAREZ, P. - ALVAREZ, A. - CEBALLOS, J.M. - PEREZ, B. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 2, p. 1267-1270., WOS

[1.2] Dai, J.S., Wang, Y.S., Zhao, W.J., Xia, L.M., Sun, D. IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2013 6780723, pp. 124-127, SCOPUS

ADCA161 GÖMÖRY, Fedor - FROLEK, Lubomír - ŠOUC, Ján - GRILLI, F. Phase shifts of parallel currents in a single-layer model of superconducting cables. In *IEEE Transactions on Applied Superconductivity*, vol. 15, 2005, p. 1779-1782.

Ohlasy:

[1.1] JUUL, J.S. - MOLGAARD, E.T. - JENSEN, J. - ANDERSEN, N.H. - ABRAHAMSEN, A.B. - WILLEN, D. - TRAEHOLT, C. - THIDEMANN, C. - LENTGE, H. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. DEC 2011, vol. 21, no. 6, p. 3599-3603., WOS

ADCA162 GÖMÖRY, Fedor - ŠOUC, Ján - VOJENČIAK, Michal - KLINČOK, Boris. Phenomenological description of flux pinning in non-uniform high-temperature superconductors in magnetic fields lower than self-field. In *Superconductor Science and Technology*, 2007, vol. 20, p. S271-S277. (1.440 - IF2006). (2007 - Current Contents, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] INANIR, F. - YILDIZ, S. - OKUTAN, M. - KOLEMEN, U. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. FEB 2013, vol. 485, p. 30-34., WOS

[1.1] VILJAMAA, J. - ROSTILA, L. - KOVAC, P. - MELISEK, T. - HINTERBERGER, A. - REISSNER, M. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. JAN 2011, vol. 24, no. 1-2, p. 287-297., WOS

[1.2] Bäcker, M. In Zeitschrift fur Kristallographie 226 (2011) , pp. 343-351, SCOPUS

ADCA163 GÖMÖRY, Fedor - ŠOUC, Ján - VOJENČIAK, Michal - SEILER, Eugen - KLINČOK, Boris - CEBALLOS, J.M. - PARDO, Enric - SANCHEZ, A. - NAVAU, C. - FARINON, S. - FABBRICATORE, P. Predicting AC loss in practical superconductors. In *Superconductor Science and Technology*, 2006, vol. 19, p. S60-S66. (1.896 - IF2005). (2006 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] HE, A. - XUE, C. - YONG, H.D. - ZHOU, Y.H. In JOURNAL OF APPLIED PHYSICS. NOV 28 2013, vol. 114, no. 20., WOS

[1.1] HUANG, C.G. - ZHOU, Y.H. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. JUL 2013, vol. 490, p. 5-9., WOS
[1.1] LAHTINEN, V. - STENVALL, A. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. MAR 2014, vol. 27, no. 3, p. 641-650., WOS
[1.1] ROSTILA, L. - BRISIGOTTI, S. - GRASSO, G. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. JAN 2011, vol. 24, no. 1-2, p. 313-317., WOS

ADCA164 GÖMÖRY, Fedor - ŠOUC, Ján - VOJENČIAK, Michal - ALAMGIR, A.K. - HAN, Z. - GU, Ch. Reduction of ac transport and magnetization loss of a high-Tc superconducting tape by placing soft ferromagnetic materials at the edges. In *Applied Physics Letters*, 2007, vol. 90, p. 092506. (3.977 - IF2006). (2007 - Current Contents, SCOPUS). ISSN 0003-6951.

Ohlasy:
[1.1] HE, A. - XUE, C. - YONG, H.D. - ZHOU, Y.H. In JOURNAL OF APPLIED PHYSICS. NOV 28 2013, vol. 114, no. 20., WOS
[1.1] KIM, J.H. - KIM, C.H. - PATIL, P. - KVITKOVIC, J. - PAMIDI, S. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 3, p. 3230-3233., WOS
[1.1] KRUGER, P.A.C. - GRILLI, F. - FARINON, S. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. NOV 2011, vol. 471, no. 21-22, p. 1083-1085., WOS
[1.1] MA, G.T. - RAUH, H. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. OCT 2013, vol. 26, no. 10., WOS
[1.1] XUE, C. - ZHOU, Y. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. AUG 2014, vol. 24, no. 4., WOS
[1.2] Krüger, P. Optimisation of Hysteretic Losses in High-Temperature Superconducting Wires. PhD Thesis Karlsruhe: KIT Scientific Publishing, 2014. ISBN 978 3 73150 185 5 pp. 1-218, SCOPUS

ADCA165 GÖMÖRY, Fedor - KLINČOK, Boris. Self-field critical current of a conductor with an elliptical cross-section. In *Superconductor Science and Technology*, 2006, vol. 19, p. 732-737. (1.896 - IF2005). (2006 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:
[1.1] GRILLI, F. - CHERVYAKOV, A. - ZERMENO, V. - MARIAN, A. - GRASSO, G. - GOLDACKER, W. - RUBBIA, C. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. SEP 15 2014, vol. 504, p. 167-171., WOS
[1.1] GRILLI, F. - SIROIS, F. - ZERMENO, V.M.R. - VOJENCIAK, M. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. DEC 2014, vol. 24, no. 6., WOS
[1.1] HAMABE, M. - SUGINO, M. - WATANABE, H. - KAWAHARA, T. - YAMAGUCHI, S. - ISHIGURO, Y. - KAWAMURA, K. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 2, p. 1038-1041., WOS
[1.1] VOJENCIAK, M. - GRILLI, F. - TERZIEVA, S. - GOLDACKER, W. - KOVACOVA, M. - KLING, A. In SUPERCONDUCTOR SCIENCE &

TECHNOLOGY. SEP 2011, vol. 24, no. 9., WOS
[1.1] XUE, C. - ZHOU, Y.H. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. AUG 2014, vol. 24, no. 4., WOS
[1.2] Krüger, P. Optimisation of Hysteretic Losses in High-Temperature Superconducting Wires. PhD Thesis Karlsruhe: KIT Scientific Publishing, 2014. ISBN 978 3 73150 185 5 pp. 1-218, SCOPUS

ADCA166 GÖMÖRY, Fedor - GHERARDI, L. Transport AC losses in round superconducting wire consisting of two concentric shells with different critical current density. In *Physica C*, 1997, vol. 280, p. 151. (1.723 - IF1996). (1997 - Current Contents, SCOPUS). ISSN 0921-4534.
Ohlasy:
[1.1] DAS, R. - OLIVEIRA, F.B. - GUIMARAES, F.G. - LOWTHER, D.A. In IEEE TRANSACTIONS ON MAGNETICS. FEB 2014, vol. 50, no. 2., WOS
[1.1] HUANG, C.G. - YONG, H.D. - ZHOU, Y.H. In JOURNAL OF LOW TEMPERATURE PHYSICS. JUL 2013, vol. 172, no. 1-2, p. 59-69., WOS
[1.1] JIAO, C.Q. - XIA, Z.J. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. AUG 2014, vol. 27, no. 8, p. 1813-1818., WOS
[1.1] JUUL, J.S. - MOLGAARD, E.T. - JENSEN, J. - ANDERSEN, N.H. - ABRAHAMSEN, A.B. - WILLEN, D. - TRAEHOLT, C. - THIDEMANN, C. - LENTGE, H. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. DEC 2011, vol. 21, no. 6, p. 3599-3603., WOS
[1.1] LIU, Q.F. - FENG, W.J. In 2013 SYMPOSIUM ON PIEZOELECTRICITY, ACOUSTIC WAVES AND DEVICE APPLICATIONS (SPAWDA). 2013, p. 227-230., WOS
[1.1] STENVALL, A. - GRILLI, F. - VOJENCIAK, M. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. AUG 2011, vol. 24, no. 8., WOS
[1.1] SU, X.L. - XIONG, L.T. - GAO, Y.W. - ZHOU, Y.H. In JOURNAL OF LOW TEMPERATURE PHYSICS. JUL 2013, vol. 172, no. 1-2, p. 154-161., WOS
[1.1] ZHENG, Y.L. - FENG, W.J. - LIU, Q.F. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. SEP 2013, vol. 26, no. 9, p. 2937-2947., WOS

ADCA167 GÖMÖRY, Fedor - LOBOTKA, Peter - FRÖHLICH, Karol. Variable temperature insert for AC susceptibility measurements at AC field amplitude up to 0.1T. In *Cryogenics*, 1994, vol. 34, p. 837.
Ohlasy:
[1.2] Laurent, P., Fagnard, J.-F., Vanderbemden, P. Advanced Instrument Engineering: Measurement, Calibration, and Design. Ed. A.Lay-Ekuakille. IGI Global: 2013. ISBN: 978-1-4666-4165-5. P. 208-222., SCOPUS

ADCA168 GRAJCAR, M. - PLECENIK, Andrej - SEIDEL, P. - PFUCH, A. Influence of inelastic effects on differential conductance of a high-Tc superconductor/metal junction. In *Physical Review B*, 1995, vol. 51, p. 16185-16189.
Ohlasy:
[1.1] LI, X.W. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. FEB 2013, vol. 485, p. 35-38., WOS

ADCA169 GREGOR, M. - MIČUNEK, R. - PLECENIK, T. - ROCH, T. - LUGSTEIN, A. - BERTAGNOLLI, E. - VÁVRA, Ivo - ŠTEFEČKA, M. - KUBINEC, M. - LEPORIS, M. - GAŠPARÍK, V. - KÚŠ, P. - PLECENIK, Andrej. Nano – bridges based on the superconducting MgB2 thin films. In *Physica C*, 2008, vol. 468, 785-788. (1.079 - IF2007). (2008 - Current Contents, WOS, SCOPUS). ISSN 0921-4534.

Ohlasy:

[1.1] CUADRA-SOLIS, P.J. - HERNANDEZ, J.M. - GARCIA-SANTIAGO, A. - TEJADA, J. - NOSKOVIC, J. - PIDIK, A. - GRAJCAR, M. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. JAN 2011, vol. 24, no. 1-2, p. 395-400., WOS

[1.1] YAKINCI, M.E. - AKSAN, M.A. - BALCI, Y. - ALTIN, S. - ONAL, Y. - AYDOGDU, Y. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. JAN 2011, vol. 24, no. 1-2, p. 235-239., WOS

[1.1] YAKINCI, Z.D. - AYDOGDU, Y. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. JAN 2011, vol. 24, no. 1-2, p. 523-527., WOS

ADCA170 GREGUŠOVÁ, Dagmar - JURKOVIČ, Michal - HAŠČÍK, Štefan - BLAHO, Michal - SEIFERTOVÁ, Alena - FEDOR, Ján - ŤAPAJNA, Milan - FRÖHLICH, Karol - VOGRINČIČ, P. - LIDAY, J. - DERLUYN, J. - GERMAIN, M. - KUZMÍK, Ján. Adjustment of threshold voltage in AlN/AlGaN/GaN high-electron mobility transistors by plasma oxidation and Al2O3 atomic layer deposition overgrowth. In *Applied Physics Letters*, 2014, vol. 104, 013506. (3.515 - IF2013). (2014 - Current Contents). ISSN 0003-6951.

Ohlasy:

[1.1] NAGY, L. - STOPJAKOVA, V. - SATKA, A. In 2014 24TH INTERNATIONAL CONFERENCE RADIOELEKTRONIKA (RADIOELEKTRONIKA 2014). 2014., WOS

ADCA171 GREGUŠOVÁ, Dagmar - STOKLAS, Roman - ČIČO, Karol - LALINSKÝ, Tibor - KORDOŠ, Peter. AlGaN/GaN metal-oxide-semiconductor heterostructure field-effect transistors with 4nm thick Al2O3 gate oxide. In *Semiconductor Science and Technology*, 2007, vol. 22, p. 947-951. (1.590 - IF2006). (2007 - Current Contents). ISSN 0268-1242.

Ohlasy:

[1.1] BOUGUENNA, D. - STAMBOULI, A.B. - MAAZA, N.M. - ZADO, A. - AS, D.J. In SUPERLATTICES AND MICROSTRUCTURES. OCT 2013, vol. 62, p. 260-268., WOS

[1.1] CORRION, A.L. - SHINOHARA, K. - REGAN, D. - MILOSAVLJEVIC, I. - HASHIMOTO, P. - WILLADSEN, P.J. - SCHMITZ, A. - KIM, S.J. - BUTLER, C.M. - BROWN, D. - BURNHAM, S.D. - MICOVIC, M. In IEEE ELECTRON DEVICE LETTERS. AUG 2011, vol. 32, no. 8, p. 1062-1064., WOS

[1.1] EICKELKAMP, M. - WEINGARTEN, M. - KHOSHROO, L.R. - KETTENISS, N. - BEHMENBURG, H. - HEUKEN, M. - KALISCH, H. - JANSEN, R.H. - VESCAN, A. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 8, NO 7-8. 2011, vol. 8, no. 7-8., WOS

[1.1] ESPOSTO, M. - KRISHNAMOORTHY, S. - NATH, D.N. - BAJAJ, S.

- HUNG, T.H. - RAJAN, S. In APPLIED PHYSICS LETTERS. SEP 26 2011, vol. 99, no. 13., WOS

[1.1] GATABI, I.R. - JOHNSON, D.W. - WOO, J.H. - BABB, M.E. - HARRIS, H.R. In 2013 8TH INTERNATIONAL CONFERENCE ON DESIGN & TECHNOLOGY OF INTEGRATED SYSTEMS IN NANOSCALE ERA (DTIS). 2013, p. 62-67., WOS

[1.1] HAHN, H. - ALAM, A. - HEUKEN, M. - KALISCH, H. - VESCAN, A. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. JUN 2012, vol. 27, no. 6., WOS

[1.1] HANNA, M.J. - ZHAO, H. - LEE, J.C. In APPLIED PHYSICS LETTERS. OCT 8 2012, vol. 101, no. 15., WOS

[1.1] HORI, Y. - YATABE, Z. - HASHIZUME, T. In JOURNAL OF APPLIED PHYSICS. DEC 28 2013, vol. 114, no. 24., WOS

[1.1] HUNG, T.H. - ESPOSTO, M. - RAJAN, S. In APPLIED PHYSICS LETTERS. OCT 17 2011, vol. 99, no. 16., WOS

[1.1] HUNG, T.H. - KRISHNAMOORTHY, S. - ESPOSTO, M. - NATH, D.N. - PARK, P.S. - RAJAN, S. In APPLIED PHYSICS LETTERS. FEB 18 2013, vol. 102, no. 7., WOS

[1.1] JACKSON, C.M. - AREHART, A.R. - CINKILIC, E. - MCSKIMMING, B. - SPECK, J.S. - RINGEL, S.A. In JOURNAL OF APPLIED PHYSICS. MAY 28 2013, vol. 113, no. 20., WOS

[1.1] LIU, H.Y. - LEE, C.S. - HSU, W.C. - TSENG, L.Y. - CHOU, B.Y. - HO, C.S. - WU, C.L. In IEEE TRANSACTIONS ON ELECTRON DEVICES. JUL 2013, vol. 60, no. 7, p. 2231-2237., WOS

[1.1] MIYAZAKI, E. - GODA, Y. - KISHIMOTO, S. - MIZUTANI, T. In SOLID-STATE ELECTRONICS. AUG 2011, vol. 62, no. 1, p. 152-155., WOS

[1.1] SATO, T. - OKAYASU, J. - TAKIKAWA, M. - SUZUKI, T. In IEEE ELECTRON DEVICE LETTERS. MAR 2013, vol. 34, no. 3, p. 375-377., WOS

[1.1] TAJIMA, M. - HASHIZUME, T. In JAPANESE JOURNAL OF APPLIED PHYSICS. JUN 2011, vol. 50, no. 6, Part 1., WOS

[1.1] TIAN, B.L. - CHEN, C. - ZHANG, J.H. - LI, Y.R. - CHEN, Y.F. - LIU, X.Z. - ZHOU, J.J. - LI, L. - CHEN, C. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. AUG 2011, vol. 26, no. 8., WOS

[1.1] TIAN, B.L. - CHEN, C. - ZHANG, J.H. - ZHANG, W.L. - LIU, X.Z. In CHINESE PHYSICS LETTERS. FEB 2013, vol. 30, no. 2., WOS

[1.1] VENKATACHALAM, A. - JAMES, W. - GRAHAM, S. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. AUG 2011, vol. 26, no. 8., WOS

[1.2] Lee, B., Choi, Y.-H., Kirkpatrick, C., Huang, A.Q., Misra, V. In 2011 International Semiconductor Device Research Symposium, ISDRS 2011 , art. no. 6135162, SCOPUS

[1.2] Zhang, F., Zhu, J., Luo, W.-B., Hao, L.-Z., Li, Y.-R. In Gongneng Cailiao/Journal of Functional Materials 42 (2011) , pp. 992-995, SCOPUS

ADCA172 GREGUŠOVÁ, Dagmar - CAMBEL, Vladimír - FEDOR, Ján - KÚDELA, Róbert - ŠOLTÝS, Ján - LALINSKÝ, Tibor - KOSTIČ, Ivan - BENDING, S.J. Fabrication of a vector Hall sensor for magnetic microscopy. In *Applied Physics Letters*, 2003, vol. 82, p. 3704-3706. (2003 - Current Contents, SCOPUS). ISSN 0003-6951.

Ohlasy:

[1.1] VOROB'EV, Alexander - CHESNITSKIY, Anton - TOROPOV, Alexander - PRINZ, Victor. Three-axis Hall transducer based on semiconductor microtubes. In APPLIED PHYSICS LETTERS. ISSN 0003-6951, 2013, vol. 103, no. 17, pp., WOS

ADCA173 GREGUŠOVÁ, Dagmar - STOKLAS, Roman - EICKELKAMP, M. - FOX, A. - NOVÁK, Jozef - VESCAN, A. - GRÜTZMACHER, D. - KORDOŠ, Peter. Characterization of AlGaN/GaN MISHFETs on a Si substrate by static and high-frequency measurements. In *Semiconductor Science and Technology*, 2009, vol. 24, 075014. (1.434 - IF2008). (2009 - Current Contents). ISSN 0268-1242.

Ohlasy:

[1.1] LIU, H.-Y. - HSU, W.-C. - LEE, C.-S. - CHOU, B.-Y. - LIAO, Y.B. - CHIANG, M.-H. In IEEE TRANSACTIONS ON ELECTRON DEVICES. AUG 2014, vol. 61, no. 8, p. 2760-2766., WOS

ADCA174 GREGUŠOVÁ, Dagmar - ELIÁŠ, Peter - ÖSZI, Zsolt - KÚDELA, Róbert - ŠOLTÝS, Ján - FEDOR, Ján - CAMBEL, Vladimír - KOSTIČ, Ivan. Technology and properties of a vector hall sensor. In *Microelectronics Journal*, 2006, vol. 37, p. 1543-1546.

Ohlasy:

[1.1] PETERS, Volker - BERAN, Philip - HOHE, Hans-Peter. Switchable Attenuation of Low Magnetic Fields for Integrated Vertical Hall Sensors Using a Ferromagnetic Layer. In IEEE TRANSACTIONS ON MAGNETICS. ISSN 0018-9464, 2013, vol. 49, no. 1, pp. 109-112., WOS

ADCA175 GREGUŠOVÁ, Dagmar - STOKLAS, Roman - MIZUE, Ch. - HORI, Y. - NOVÁK, Jozef - HASHIZUME, T. - KORDOŠ, Peter. Trap states in AlGaN/GaN metal-oxide-semiconductor structures with Al2O3 prepared by atomic layer deposition. In *Journal of Applied Physics*, 2010, vol. 107, 106104. (2.072 - IF2009). (2010 - Current Contents, WOS, SCOPUS). ISSN 0021-8979.

Ohlasy:

[1.1] ANAND, M.J. - NG, G.I. - VICKNESH, S. - ARULKUMARAN, S. - RANJAN, K. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 10, NO 11. 2013, vol. 10, no. 11, p. 1421-1425., WOS

[1.1] BAKEROOT, B. - YOU, S. - WU, T-L. - HU, J. - VAN HOVE, M. - DE JAEGER, B. - GEENS, K. - STOFFELS, S. - DECOUTERE, S. In JOURNAL OF APPLIED PHYSICS. OCT 7 2014, vol. 116, no. 13., WOS

[1.1] COLON, A. - SHI, J. In SOLID-STATE ELECTRONICS. SEP 2014, vol. 99, p. 25-30., WOS

[1.1] HAHN, H. - BENKHELIFA, F. - AMBACHER, O. - ALAM, A. - HEUKEN, M. - YACOUB, H. - NOCULAK, A. - KALISCH, H. - VESCAN, A. In JAPANESE JOURNAL OF APPLIED PHYSICS. SEP 2013, vol. 52, no. 9, 1., WOS

[1.1] HUNG, T.H. - ESPOSTO, M. - RAJAN, S. In APPLIED PHYSICS LETTERS. OCT 17 2011, vol. 99, no. 16., WOS

[1.1] JACKSON, C.M. - AREHART, A.R. - CINKILIC, E. - MCSKIMMING, B. - SPECK, J.S. - RINGEL, S.A. In JOURNAL OF APPLIED PHYSICS. MAY 28 2013, vol. 113, no. 20., WOS

[1.1] KODAMA, S. - TOKUDA, H. - KUZUHARA, M. In 2014 IEEE INTERNATIONAL MEETING FOR FUTURE OF ELECTRON DEVICES, KANSAI (IMFEDK). 2014., WOS

[1.1] KONG, Y. - ZHOU, J. - KONG, C. - ZHANG, Y. - DONG, X. - LU, H. - CHEN, T. - YANG, N. In IEEE ELECTRON DEVICE LETTERS. MAR 2014, vol. 35, no. 3, p. 336-338., WOS

[1.1] LIAO X.-Y. - ZHANG, K. - ZENG C. - ZHENG X.-F. - EN YUN-FEI - LAI P. - HAO, Y. In CHINESE PHYSICS B. MAY 2014, vol. 23, no. 5., WOS

[1.1] LIU, X.K. - LOW, E.K.F. - PAN, J.S. - LIU, W. - TEO, K.L. - TAN, L.S. - YEO, Y.C. In APPLIED PHYSICS LETTERS. AUG 29 2011, vol. 99, no. 9., WOS

[1.1] LONG, R.D. - MCINTYRE, P.C. In MATERIALS. JUL 2012, vol. 5, no. 7, p. 1297-1335., WOS

[1.1] LU, X. - MA, J. - JIANG, H. - LIU, C. - LAU, K. M. In APPLIED PHYSICS LETTERS. SEP 8 2014, vol. 105, no. 10., WOS

[1.1] MA, X.-H. - CHEN, W.-W.- HOU, B. - ZHANG, K. - ZHU, J.-J. - ZHANG, J.-C. - ZHENG X.-F. - HAO, Y. In APPLIED PHYSICS LETTERS. MAR 3 2014, vol. 104, no. 9., WOS

[1.1] NEPAL, N. - GARCES, N.Y. - MEYER, D.J. - HITE, J.K. - MASTRO, M.A. - EDDY, C.R. In APPLIED PHYSICS EXPRESS. MAY 2011, vol. 4, no. 5., WOS

[1.1] SCHAEFER, A. - BESMEHN, A. - LUYSBERG, M. - WINDEN, A. - STOICA, T. - SCHNEE, M. - ZANDER, W. - NIU, G. - SCHROEDER, T. - MANTL, S. - HARDTDEGEN, H. - MIKULICS, M. - SCHUBERT, J. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. JUL 2014, vol. 29, no. 7., WOS

[1.1] YE, G. - WANG, H. - ARULKUMARAN, S. - NG, G.I. - HOFSTETTER, R. - LI, Y. - ANAND, M.J. - ANG, K.S. - MAUNG, Y.K.T. - FOO, S.C. In APPLIED PHYSICS LETTERS. SEP 30 2013, vol. 103, no. 14., WOS

[1.1] ZHANG P. - ZHAO S.-L. - XUE J.-S. - ZHANG, K. - MA, X.-H. - ZHANG, J.-C. - HAO, Y. In CHINESE PHYSICS LETTERS. MAR 2014, vol. 31, no. 3., WOS

[1.1] ZHANG, K. - XUE, J.S. - CAO, M. - YANG, L.Y. - CHEN, Y.H. - ZHANG, J.C. - MA, X.H. - HAO, Y. In JOURNAL OF APPLIED PHYSICS. MAY 7 2013, vol. 113, no. 17., WOS

[1.1] ZHANG, K.- WU, M. - LEI, X. - CHEN, W. - ZHENG, X. - MA, X. - HAO, Y. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. JUL 2014, vol. 29, no. 7., WOS

[1.1] ZHAO, S.L. - ZHANG, K. - HA, W. - CHEN, Y.H. - ZHANG, P. - ZHANG, J.C. - MA, X.H. - HAO, Y. In APPLIED PHYSICS LETTERS. NOV 18 2013, vol. 103, no. 21., WOS

ADCA176 GREGUŠOVÁ, Dagmar - ELIÁŠ, Peter - MALACKÝ, Lubomír - KÚDELA, Róbert - ŠKRINIAROVÁ, J. Wet chemical MESA etching of InGaP and GaAs with solutions based on HCl, CH3COOH, and H2O2. In *Physica Status Solidi A*, 1995, vol. 151, p. 113-118.

Ohlasy:

[1.1] BURNS, D.W. In MEMS MATERIALS AND PROCESSES HANDBOOK. 2011, p. 457-665., WOS

ADCA177 GREGUŠOVÁ, Dagmar - HUŠEKOVÁ, Kristína - STOKLAS, Roman - BLAHO, Michal - JURKOVIČ, Michal - CARLIN, J.-F. - GRANDJEAN, N. - KORDOŠ, Peter. Zr2/InAlN/GaN metal-oxide-semiconductor heterostructure field-effect transistors with InAlN barrier of different compositions. In *Japanese Journal of Applied Physics*, 2013, vol. 52, 08JN07. (1.067 - IF2012). (2013 - Current Contents). ISSN 0021-4922.

Ohlasy:

[1.1] SCHAEFER, A. - BESMEHN, A. - LUYSBERG, M. - WINDEN, A. - STOICA, T. - SCHNEE, M. - ZANDER, W. - NIU, G. - SCHROEDER, T. - MANTL, S. - HARDTDEGEN, H. - MIKULICS, M. - SCHUBERT, J. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. JUL 2014, vol. 29, no. 7., WOS

ADCA178 GRILLI, F. - ZERMONO, V. - VOJENČIAK, Michal - PARDO, Enric - KARIO, A. - GOLDACKER, W. AC losses of pancake coils made of Roebel cable. In *IEEE Transactions on Applied Superconductivity*, 2013, vol. 23, 5900205. (1.199 - IF2012). (2013 - Current Contents, SCOPUS). ISSN 1051-8223.

Ohlasy:

[1.1] AMEMIYA, N. - TSUKAMOTO, T. - NII, M. - KOMEDA, T. - NAKAMURA, T. - JIANG, Z.N. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAR 2014, vol. 27, no. 3., WOS

[1.1] SOLOVYOV, M. - SOUC, J. - GOMORY, F. In 11TH EUROPEAN CONFERENCE ON APPLIED SUPERCONDUCTIVITY (EUCAS2013), PTS 1-4. 2014, vol. 507., WOS

ADCA179 GRILLI, F. - PARDO, Enric - STENVALL, A. - NGUYEN, D.N. - YUAN, W. - GÖMÖRY, Fedor. Computation of losses in HTS under the action of varying magnetic fields and currents. In *IEEE Transactions on Applied Superconductivity*, 2014, vol. 24, p. 8200433. (1.324 - IF2013). (2014 - Current Contents). ISSN 1051-8223.

Ohlasy:

[1.1] CHEN, X. Y. - JIN, J. X. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. OCT 2014, vol. 24, no. 5., WOS

[1.1] CHEN, X. Y. - JIN, J. X. - SUN, R. M. - TANG, C. L. - ZHU, Y. P. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. OCT 2014, vol. 24, no. 5., WOS

[1.1] CHEN, X.Y. - JIN, J. X. - XIN, Yi. - GUO, Y. G. - XU, W. - WEN, L. - ZHU, J. G. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. OCT 2014, vol. 24, no. 5., WOS

[1.1] CHUDY, M. - CHEN, Y. - ZHANG, M. - BAGHDADI, M. - LALK, J. - PRETORIUS, T. - COOMBS, T. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. FEB 2014, vol. 24, no. 1., WOS

[1.1] JIN, J. - XU, W. - CHEN, X. - WEN, L. - WANG, S. In IEEE TRANSACTIONS ON MAGNETICS. NOV 2014, vol. 50, no. 11., WOS

[1.1] MA, G.-T. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUN 2014, vol. 27, no. 6., WOS

[1.1] RAUH, H. - MA, G.T. In JOURNAL OF APPLIED PHYSICS. NOV 21 2013, vol. 114, no. 19., WOS

[1.1] STEPIEN, M. A. - GRZESIK, B. In 2014 IEEE 23RD

INTERNATIONAL SYMPOSIUM ON INDUSTRIAL ELECTRONICS (ISIE). 2014, p. 336-340., WOS

[1.1] SUN, R.M. - JIN, J. X. - CHEN, X. Y. - TANG, C. L. - ZHU, Y. P. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. OCT 2014, vol. 24, no. 5., WOS

[1.2] Krüger, P. Optimisation of Hysteretic Losses in High-Temperature Superconducting Wires. PhD Thesis Karlsruhe: KIT Scientific Publishing, 2014. ISBN 978 3 73150 185 5 pp. 1-218, SCOPUS

ADCA180 GRILLI, F. - RODRIGUEZ-ZERMENO, V.M. - PARDO, Enric - VOJENČIAK, Michal - BRAND, J. - KARIO, A. - GOLDACKER, W. Self-field effects and AC losses in pancake coils assembled from coated conductor Roebel cables. In *IEEE Transactions on Applied Superconductivity*, 2014, vol. 24, p. 4801005. (1.324 - IF2013). (2014 - Current Contents). ISSN 1051-8223.

Ohlasy:

[1.1] ZHANG, M. - YUAN, W.J. - HILTON, D.K. - CANASSY, M.D. - TROCIEWITZ, U.P. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. SEP 2014, vol. 27, no. 9., WOS

ADCA181 GRILLI, F. - PARDO, Enric. Simulation of ac loss in Roebel coated conductor cables. In *Superconductor Science and Technology*, 2010, vol. 23, 115018. (2.694 - IF2009). (2010 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] AMEMIYA, N. - TSUKAMOTO, T. - NII, M. - KOMEDA, T. - NAKAMURA, T. - JIANG, Z. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAR 2014, vol. 27, no. 3., WOS

[1.1] BAI, L. F. - LU, Y. F. - ZHANG, S. N. - JIN, L. H. - LIU, G. Q. - LI, C. S. - ZHANG, P. X. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. JUN 2014, vol. 27, no. 6, p. 1359-1362., WOS

[1.1] GOMORY, F. In HIGH TEMPERATURE SUPERCONDUCTORS (HTS) FOR ENERGY APPLICATIONS. 2012, no. 27, p. 216-256., WOS

[1.1] GRINENKO, V. - FUCHS, G. - NENKOV, K. - HOLZAPFEL, B. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAR 2013, vol. 26, no. 3., WOS

[1.1] GRINENKO, V. - FUCHS, G. - NENKOV, K. - STIEHLER, C. - VOJENCIAK, M. - REIS, T. - OSWALD, B. - HOLZAPFEL, B. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUL 2012, vol. 25, no. 7., WOS

[1.1] GU, C. - QU, T.M. - LI, X.F. - HAN, Z.H. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. APR 2013, vol. 23, no. 2., WOS

[1.1] JIANG, Z. - STAINES, M. - LONG, N. J. - BADCOCK, R. A. - BUMBY, C. - TALANTSEV, E. - HAMILTON, K. - BUCKLEY, R. G. - AMEMIYA, N. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUL 2014, vol. 27, no. 7., WOS

[1.1] LAHTINEN, V. - STENVALL, A. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. MAR 2014, vol. 27, no. 3, p. 641-650., WOS

[1.1] NII, M. - AMEMIYA, N. - NAKAMURA, T. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. SEP 2012, vol. 25, no. 9., WOS

[1.1] PRIGOZHIN, L. - SOKOLOVSKY, V. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUL 2011, vol. 24, no. 7., WOS

[1.2] Krüger, P.: Optimisation of Hysteretic Losses in High-Temperature Superconducting Wires. PhD Thesis Karlsruhe: KIT Sci Publ., 2014 ISBN 978-3-73150-185-5., SCOPUS

[1.2] Long, N.J., Badcock, R.A., Bumby, C.W., Jiang, Z., Buckley, R.G.: In Miryala, M.: Superconductivity: Recent developments and new production technologies. Nova Science Publishers, Inc. 2012 ISBN: 978-162257137-6 pp. 259-288, SCOPUS

ADCA182 GRINENKO, V. - FUKS, D. - NENKOV, K.A. - STIEHLER, C. - VOJENČIAK, Michal - REIS, T. - OSWALD, B. - HOLZAPFEL, B. Transport AC losses of YBCO pancake coils wound from parallel connected tapes. In *Superconductor Science and Technology*, 2012, vol. 25, 075006. (2.662 - IF2011). (2012 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] ARNDT, T. - GRUNDMANN, J. - KUHNERT, A. - KUMMETH, P. - NICK, W. - OOMEN, M. - SCHACHERER, C. - SCHMIDT, W. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. DEC 2014, vol. 27, no. 12., WOS

[1.1] GU, Chen - QU, Timing - LI, Xiaofen - HAN, Zhenghe. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. FEB 2014, vol. 24, no. 1., WOS

[1.1] NGUYEN, D.N. - KIM, C.H. - KIM, J.H. - PAMIDI, S. - ASHWORTH, S.P. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. SEP 2013, vol. 26, no. 9., WOS

ADCA183 GRIVEL, J.C. - PINHOLT, R. - ANDERSEN, H.Hellmuth - KOVÁČ, Pavol - HUŠEK, Imrich - HOMEYER, J. In situ investigations of phase transformations in Fe-sheathed MgB2 wires. In *Superconductor Science and Technology*, 2006, vol. 19, p. 96-101. (1.896 - IF2005). (2006 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] MA, Z.Q. - LIU, Y.C. In INTERNATIONAL MATERIALS REVIEWS. NOV 2011, vol. 56, no. 5-6, p. 267-286., WOS

[1.1] MA, Z.Q. - LIU, Y.C. In MATERIALS CHEMISTRY AND PHYSICS. MAR 15 2011, vol. 126, no. 1-2, p. 114-117., WOS

[1.1] VIGNOLO, M. - ROMANO, G. - BELLINGERI, E. - MARTINELLI, A. - NARDELLI, D. - BITCHKOV, A. - BERNINI, C. - MALAGOLI, A. - BRACCINI, V. - FERDEGHINI, C. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUN 2011, vol. 24, no. 6., WOS

ADCA184 GROVENOR, C.R.M. - GOODSIR, L. - SALTER, C.J. - KOVÁČ, Pavol - HUŠEK, Imrich. Interfacial reactions and oxygen distribution in MgB2 wires in Fe, stainless steel and Nb sheaths. In *Superconductor Science and Technology*, 2004, vol. 17, p. 479-484. (2.247 - IF2003). (2004 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] ROSTILA, L. - BRISIGOTTI, S. - GRASSO, G. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. JAN 2011, vol. 24, no.

1-2, p. 313-317., WOS
[1.1] SANDU, V. - ALDICA, G. - POPA, S. - BADICA, P. - CIMPOIASU, E. - DUMITRACHE, F. - SANDU, E. In JOURNAL OF APPLIED PHYSICS. DEC 15 2011, vol. 110, no. 12., WOS
[1.1] SANDU, V. - CHEE, C.Y. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. JAN 2013, vol. 26, no. 1, p. 125-131., WOS
[1.1] WANG, Q.Y. - ZHANG, P.X. - YAN, G. - SULPICE, A. - XIONG, X.M. - YANG, F. - LIU, G.Q. - JIAO, G.F. - LI, C.S. In RARE METAL MATERIALS AND ENGINEERING. MAY 2013, vol. 42, no. 5, p. 881-884., WOS
[1.1] YE, S.J. - MATSUMOTO, A. - TOGANO, K. - ZHANG, Y.C. - OHMURA, T. - KUMAKURA, H. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAY 2014, vol. 27, no. 5., WOS

ADCA185 GUARINO, G. - DONALDSON, W.R. - MIKULICS, M. - MARSO, M. - KORDOŠ, Peter - SOBOLEWSKI, R. Finite element simulation of metal-semiconductor-metal photodetector. In *Solid-State Electronics*, 2009, vol. 53, p. 1144-1148. (1.422 - IF2008). (2009 - Current Contents). ISSN 0038-1101.
Ohlasy:
[1.1] HARZALLAH, G. - REMRAM, M. In CHINESE OPTICS LETTERS. OCT 10 2011, vol. 9, no. 10., WOS
[1.1] WANG, P. - ZHEN, Q.H. - TANG, Q. - YANG, Y.T. - GUO, L.X. - DING, K. - HUANG, F. In OPTICS EXPRESS. JUL 29 2013, vol. 21, no. 15, p. 18387-18397., WOS

ADCA186 GULDAN, Arnošt - SCHILLER, J. - STEFFEN, A. - BALK, P. Formation and properties of TiSi2 films. In *Thin Solid Films*, vol. 100, 1983, p. 1. ISSN 0040-6090.
Ohlasy:
[1.1] TAM, P.L. - CAO, Y. - NYBORG, L. In SURFACE SCIENCE. FEB 2012, vol. 606, no. 3-4, p. 329-336., WOS

ADCA187 HAESSLER, W. - KOVÁČ, Pavol - EISTERER, M. - ABRAHAMSEN, A. - HERRMANN, M. - RODIG, C. - NENKOV, K.A. - HOLZAPFEL, B. - MELIŠEK, Tibor - KULICH, Miloslav - ZIMMERMANN, M.V. - BEDNARCIK, J. - GRIVEL, J.C. Anisotropy of the critical current in MgB2 tapes made of high energy milled precursor powder. In *Superconductor Science and Technology*, 2010, vol. 23, art. no. 065011. (2.694 - IF2009). (2010 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.
Ohlasy:
[1.1] FLUKIGER, R. - AL HOSSAIN, M.S. - SENATORE, C. - BUTA, F. - RINDFLEISCH, M. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 3, p. 2649-2654., WOS
[1.1] FLUKIGER, R. - HOSSAIN, M.S.A. - SENATORE, C. - RINDFLEISCH, M. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. NOV 2011, vol. 471, no. 21-22, p. 1119-1123., WOS
[1.1] WANG, C.D. - WANG, D.L. - ZHANG, X.P. - YAO, C. - WANG, C.L. - MA, Y.W. - OGURO, H. - AWAJI, S. - WATANABE, K. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. DEC 2012, vol. 25, no. 12., WOS

ADCA188 HAIGH, S. - KOVÁČ, Pavol - PRIKHNA, T.A. - SAVCHUK, Ya.M. - KILBURN, M.R. - SALTER, C.J. - HUTCHINSON, J. - GROVENOR, C.R.M. Chemical interactions in Ti doped MgB2 superconducting bulk samples and wires. In *Superconductor Science and Technology*, 2005, vol. 18, p. 1190-1196. (1.556 - IF2004). (2005 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] GROH, D. - SLOUGH, W.J. - PANDEY, R. - KARNA, S.P. - DANDEKAR, D. In PHYSICAL REVIEW B. MAR 15 2011, vol. 83, no. 11., WOS

[1.1] WANG, Y.B. - XUE, C. - FENG, Q.R. In ACTA PHYSICA SINICA. 2012, vol. 61, no. 19., WOS

ADCA189 HANIC, František - JERGEL, Milan - CHROMIK, Štefan - PLESCH, G. - ŠTRBÍK, Vladimír. Preparation of thin epitaxial multilayer YBa2Cu3O7-x(Ag) films by aerosol deposition. In *Bulletin of Materials Science*, 1991, vol. 14, p. 485-491. ISSN 0250-4707.

Ohlasy:

[1.2] Tonoyan, A.O., Davtyan, S.P. Ceramic Nanocomposites (2013) pp. 284-322, SCOPUS

ADCA190 HARTMANOVÁ, Mária - THURZO, Ilja - JERGEL, Matej - BARTOŠ, J. - KADLEC, K. - ŽELEZNÝ, V. - TUNEGA, Daniel - KUNDRACIK, F. - CHROMIK, Štefan - BRUNEL, M. Characterization of yttria-stabilized zirconia thin films deposited by electron beam evaporation on silicon substrates. In *Journal of Materials Science*, 1998, vol. 33, p. 969-975. (0.670 - IF1997).

Ohlasy:

[1.1] JADHAV, L.D. - JAMALE, A.P. - BHARADWAJ, S.R. - VARMA, S. - BHOSALE, C.H. In APPLIED SURFACE SCIENCE. OCT 1 2012, vol. 258, no. 24, p. 9501-9504., WOS

[1.1] KREISEL, J. - WEBER, M.C. - DIX, N. - SANCHEZ, F. - THOMAS, P.A. - FONTCUBERTA, J. In ADVANCED FUNCTIONAL MATERIALS. DEC 5 2012, vol. 22, no. 23, p. 5044-5049., WOS

[1.1] LI, Sa - WANG, Chang-An. Hierarchically porous YSZ hollow spheres with ultralow thermal conductivity. In MATERIALS RESEARCH BULLETIN. SEP 2014, vol. 57, p. 79-84., WOS

ADCA191 HARTMANOVÁ, Mária - LE, M.T. - JERGEL, Matej - ŠMATKO, Vasilij - KUNDRACIK, F. Structure and electrical conductivity of multicomponent metal oxides having scheelite structure. In *Russian Journal of Electrochemistry*, 2009, vol. 45, no. 6, p. 621-629. (0.431 - IF2008). (2009 - Current Contents). ISSN 1023-1935.

Ohlasy:

[1.1] JIANG, J.G. - WANG, M. - LI, R. - MA, L.J. - GUO, L.J. Fabricating CdS/BiVO4 and BiVO4/CdS heterostructured film photoelectrodes for photoelectrochemical applications. In INTERNATIONAL JOURNAL OF HYDROGEN ENERGY. SEP 30 2013, vol. 38, no. 29, p. 13069-13076., WOS

[1.1] KONTIC, R.- PATZKE, G.R. Synthetic trends for BiVO4 photocatalysts: Molybdenum substitution vs. TiO2 and SnO2 heterojunctions. In JOURNAL OF SOLID STATE CHEMISTRY, 2012, vol. 189, p. 38-48., WOS

[1.1] MAJI, B.K. - JENA, H. - KUTTY, K.V.G. Effect of La-Substitution on

the Electrical Conductivity of Sr1-xLaxMoO4+delta (x=0-0.3) Compounds. In JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE. SEP 2014, vol. 23, no. 9, p. 3126-3132., WOS

[1.1] NELL, A. - GETSOIAN, A. - WERNER, S. - KIWI-MINSKER, L. - BELL, A.T. Preparation and Characterization of High-Surface-Area Bi(1-x)/3V1-xMoxO4 Catalysts. In LANGMUIR. JAN 28 2014, vol. 30, no. 3, p. 873-880., WOS

[1.1] RETTIE, A.J.E. - LEE, H.C. - MARSHALL, L.G. - LIN, J.F. - CAPAN, C. - LINDEMUTH, J. - MCCLOY, J.S. - ZHOU, J.S. - BARD, A.J. - MULLINS, C.B. Combined Charge Carrier Transport and Photoelectrochemical Characterization of BiVO4 Single Crystals: Intrinsic Behavior of a Complex Metal Oxide. In JOURNAL OF THE AMERICAN CHEMICAL SOCIETY. JUL 31 2013, vol. 135, no. 30, p. 11389-11396., WOS

[1.1] SAMEERA, S. - RAO, P.P. - JAMES, V. - DIVYA, S. - RAJ, A.K.V. Influence of (LiLa)(1/2)MoO4 substitution on the pigmentary properties of BiVO4. In DYES AND PIGMENTS. MAY 2014, vol. 104, p. 41-47., WOS

[1.1] TIEN THE NGUYEN - THANG MINH LE - DUC DUC TRUONG - FEHRMANN, Rasmus - RIISAGER, Anders - VAN DRIESSCHE, Isabel. Synergy effects in mixed Bi2O3, MoO3 and V2O5 catalysts for selective oxidation of propylene. In RESEARCH ON CHEMICAL INTERMEDIATES. ISSN 0922-6168, 2012, vol. 38, no. 3-5, pp. 829., WOS

[1.1] ZHAI, Z. - GETSOIAN, A. - BELL, A.T. The kinetics of selective oxidation of propene on bismuth vanadium molybdenum oxide catalysts. In JOURNAL OF CATALYSIS. DEC 2013, vol. 308, p. 25-36., WOS

ADCA192 HARTMANOVÁ, Mária - JERGEL, Matej - THURZO, Ilja - KUNDRACIK, F. - GMUCOVÁ, Katarína - CHROMIK, Štefan - ORTEGA, L. Thin film electrolytes - yttria stabilized zirconia and ceria. In *Russian Journal of Electrochemistry*, 2003, vol. 39, p. 478-485. ISSN 1023-1935.

Ohlasy:

[1.1] ANANTHARAMAN, S.B. - BAURI, R. In CERAMICS INTERNATIONAL. DEC 2013, vol. 39, no. 8, p. 9421-9428., WOS

ADCA193 HASENÖHRL, Stanislav - KÚDELA, Róbert - NOVÁK, Jozef - TUOMI, T.O. - KNUUTTILA, L. Anisotropic surface structure in ordered strained InGaP. In *Materials Science and Engineering*. B.Solid-State Materials for Advanced Technology, 2002, vol. 88, p. 134-138. (1.022 - IF2001). (2002 - Current Contents, SCOPUS). ISSN 0921-5107.

Ohlasy:

[1.1] YE, Z.C. - SHU, Y.C. - CAO, X. - GONG, L.A. - PI, B.A. - YAO, J.H. - XING, X.D. - XU, J.J. In TRANSACTIONS OF NONFERROUS METALS SOCIETY OF CHINA. 2011, vol. 21, no. 1, p. 146-151., WOS

ADCA194 HASENÖHRL, Stanislav - NOVÁK, Jozef - VÁVRA, Ivo - ŠATKA, A. Material properties of graded composition InxGa1-xP buffer layers grown on GaP by organometallic vapor phase epitaxy. In *Journal of Crystal Growth*, 2004, vol. 272, p. 633-641. ISSN 0022-0248.

Ohlasy:

[1.1] SUN, Y.R. - LI, K.L. - DONG, J.R. - ZENG, X.L. - ZHAO, Y.M. - YU, S.Z. - ZHAO, C.Y. - YANG, H. In JOURNAL OF CRYSTAL GROWTH. OCT

15 2013, vol. 381, p. 70-76., WOS
[1.2] Gillan, E.G. In Reference Module in Chemistry, Molecular Sciences and Chemical Engineering Comprehensive Inorganic Chemistry II (Second Edition) From Elements to Applications. Elsevier: 2013, Pp 969–1000, SCOPUS

ADCA195 HAŠČÍK, Štefan - LALINSKÝ, Tibor - KUZMÍK, Ján - PORGES, M. - MOZOLOVÁ, Želmíra. Fabrication of thin GaAs cantilever beams for power sensor microsystem by RIE technologies. In *Vacuum*, 1996, vol. 47, p. 1215-1217. (1996 - Current Contents).
Ohlasy:
[1.2] Wang, D.-B., Liao, X.-P. In Guangxue Jingmi Gongcheng/Optics and Precision Engineering 19 (2011) , pp. 110-117, SCOPUS

ADCA196 HAŠČÍK, Štefan - HOTOVÝ, I. - LALINSKÝ, Tibor - VANKO, Gabriel - ŘEHÁČEK, V. - MOZOLOVÁ, Želmíra. Preparation of thin GaAs suspended membranes for gas microsensors using plasma etching. In *Vacuum*, 2007, vol. 82, p. 236-239. (0.830 - IF2006).
Ohlasy:
[1.2] Rezaur Raihan, M., Li, Z., Liu, D., Hattori, H.T., Premaratne, M. In Progress In Electromagnetics Research C 21 (2011), pp. 191-203, SCOPUS
[1.2] Zhang, Z., Yin, C., Tao, C., Zhu, B. Journal of Southeast University (English Edition) 28 (2012) , pp. 315, SCOPUS

ADCA197 HEIDELBERG, G. - BERNÁT, J. - FOX, A. - MARSO, M. - LÜTH, Hans - GREGUŠOVÁ, Dagmar - KORDOŠ, Peter. Comparative study on unpassivated and passivated AlGaN/GaN HFETs and MOSHEFTs. In *Physica Status Solidi A*.Applied Research, 2006, vol. 203, p. 1876-1881. ISSN 0031-8965.
Ohlasy:
[1.1] DONMEZER, N. - GRAHAM, S. In IEEE TRANSACTIONS ON ELECTRON DEVICES. JUN 2014, vol. 61, no. 6, SI, p. 2041-2048., WOS
[1.1] LEE, K.H. - CHANG, P.C. - CHANG, S.J. In APPLIED PHYSICS LETTERS. OCT 10 2011, vol. 99, no. 15., WOS
[1.1] LIU, H.Y. - CHOU, B.Y. - HSU, W.C. - LEE, C.S. - HO, C.S. In ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY. 2012, vol. 1, no. 4, p. Q86-Q90., WOS
[1.1] VENKATACHALAM, A. - JAMES, W. - GRAHAM, S. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. AUG 2011, vol. 26, no. 8., WOS
[1.2] Lee, K.H., Chang, P.C., Chang, S.J.,Yin, Y.C. EPJ Applied Physics 57 (2012) 30102, SCOPUS

ADCA198 HERRANZ, D. - GUERRERO, R. - VILLAR, R. - ALIEV, F.G. - SWAVING, A.C. - DUINE, R.A. - VAN HAESENDONCK, C. - VÁVRA, Ivo. Anomalous low-frequency noise in synthetic antiferromagnets: possible evidence of current-induced domain-wall motion. In *Physical Review B*, 2009, vol. 79, 134423. (3.322 - IF2008). (2009 - Current Contents, WOS, SCOPUS). ISSN 1098-0121.
Ohlasy:
[1.1] GOMONAY, E.V. - LOKTEV, V.M. In LOW TEMPERATURE PHYSICS. JAN 2014, vol. 40, no. 1, p. 17-35., WOS
[1.1] GOMONAY, H. - LOKTEV, V. In EUROPEAN PHYSICAL

JOURNAL-SPECIAL TOPICS. JAN 2013, vol. 216, no. 1, p. 117-125., WOS
[1.1] LINDER, J. In PHYSICAL REVIEW B. SEP 7 2011, vol. 84, no. 9., WOS
[1.1] TVETEN, E.G. - QAIUMZADEH, A. - TRETIAKOV, O.A. - BRATAAS, A. In PHYSICAL REVIEW LETTERS. MAR 21 2013, vol. 110, no. 12., WOS
[1.1] TVETEN, E.G. - QAIUMZADEH, A. - BRATAAS, A. In PHYSICAL REVIEW LETTERS. APR 10 2014, vol. 112, no. 14., WOS

ADCA199 HLÁSNIK, Ivan - JERGEL, Milan - KABÁT, Dušan. Critical currents of superconducting magnets wound from an anisotropic superconducting conductor. In *Cryogenics*, 1977, vol. 17, p. 25. ISSN 0011-2275.
Ohlasy:
[1.1] NISHIJIMA, G. - KITAGUCHI, H. - TSHUCHIYA, Y. - NISHIMURA, T. - KATO, T. In REVIEW OF SCIENTIFIC INSTRUMENTS. JAN 2013, vol. 84, no. 1., WOS

ADCA200 HLÁSNIK, Ivan - KOKAVEC, Ján. Hall generator in homogeneous field and the dipole notion of the Hall effect. In *Solid-State Electronics*, 1966, vol. 9, p. 585. ISSN 0038-1101.
Ohlasy:
[1.1] KOON, D.W. - WANG, F. - PETERSEN, D.H. - HANSEN, O. In JOURNAL OF APPLIED PHYSICS. OCT 28 2013, vol. 114, no. 16., WOS

ADCA201 HLÁSNIK, Ivan - TSUKAMOTO, O. - FUKUI, S. - KUMANO, T. - POLÁK, Milan - KOKAVEC, Ján - MAJOROŠ, Milan - KREMPASKÝ, Ludovít - SUZUKI, E. Influence of structure of filament NbTi composite on its electromagnetic characteristics. In *IEEE Transactions on Applied Superconductivity*, 1993, vol. 3, p. 1370. ISSN 1051-8223.
Ohlasy:
[1.1] LYLY, M. - HOLM, M. - STENVALL, A. - MIKKONEN, R. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. FEB 2013, vol. 23, no. 1., WOS

ADCA202 HLÁSNIK, Ivan - CESNAK, Ladislav. Magnetic flux concentration in bulk bellow superconducting cylinders. In *Cryogenics*, 1969, vol. 9, p. 95. ISSN 0011-2275.
Ohlasy:
[1.1] WANG, W. - ZHANG, M. - HUANG, Z. - ZHAI, Y. - ZHONG, Z. - SPAVEN, F. - BAGHDADI, M. - COOMBS, T. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2014, vol. 24, no. 3., WOS
[1.1] ZHANG, Z.Y. - MATSUMOTO, S. - TERANISHI, R. - KIYOSHI, T. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. NOV 2012, vol. 25, no. 11., WOS
[1.1] ZHANG, Z.Y. - MATSUMOTO, S. - TERANISHI, R. - KIYOSHI, T. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. APR 2013, vol. 26, no. 4., WOS

ADCA203 HLÁSNIK, Ivan - TAKÁCS, Silvester - BURJAK, B.P. - MAJOROŠ, Milan - KRAJČÍK, Jozef - KREMPASKÝ, Ludovít - POLÁK, Milan - JERGEL, Milan -

KORNEVA, A.T. - MIRONOVA, O.N. - IVAN, Jozef. Properties of superconducting NbTi superfine filament composites with d 0.1 .MU. In *Cryogenics*, 1985, vol. 25, p. 558. ISSN 0011-2275.

Ohlasy:

[1.1] CORDOBA, R. - BATURINA, T.I. - SESE, J. - MIRONOV, A.Y. - DE TERESA, J.M. - IBARRA, M.R. - NASIMOV, D.A. - GUTAKOVSKII, A.K. - LATYSHEV, A.V. - GUILLAMON, I. - SUDEROW, H. - VIEIRA, S. - BAKLANOV, M.R. - PALACIOS, J.J. - VINOKUR, V.M. In NATURE COMMUNICATIONS. FEB 2013, vol. 4., WOS

ADCA204 HLÁSNIK, Ivan. Review on AC losses in superconductors. In *IEEE Transactions on Magnetics*, 1981, vol. 17, p. 2261. ISSN 0018-9464.

Ohlasy:

[1.1] GRILLI, F. - PARDO, E. - STENVALL, A. - NGUYEN, D.N. - YUAN, W.J. - GOMORY, F. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. FEB 2014, vol. 24, no. 1., WOS

[1.1] ZHILICHEV, Y. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. AUG 2013, vol. 23, no. 4., WOS

ADCA205 HLINKA, Jozef - GREGORA, I. - POKORNÝ, Jaromír - PLECENIK, Andrej - KÚŠ, P. - SATRAPINSKY, L. - BEŇAČKA, Štefan. Phonons in MgB2 by polarized Raman scattering on single crystals. In *Physical Review B*, 2001, vol. 64, p. 140503-1-140503-4. (3.065 - IF2000). (2001 - Current Contents, WOS, SCOPUS). ISSN 1098-0121.

Ohlasy:

[1.1] ALARCO, J.A. - CHOU, A. - TALBOT, P.C. - MACKINNON, I.D.R. In PHYSICAL CHEMISTRY CHEMICAL PHYSICS. 2014, vol. 16, no. 44, p. 24443-24456., WOS

[1.1] SANDU, V. - ALDICA, G. - BAIBARAC, M. - ENACHESCU, M. - SANDU, E. - CHEE, C.Y. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. APR 2013, vol. 26, no. 4., WOS

ADCA206 HOLÚBEK, Tomáš - KOVÁČ, Pavol - TAKÁCS, Silvester - HUŠEK, Imrich - MELIŠEK, Tibor. Current sharing and the stability of composite MgB2 superconductors. In *Superconductor Science and Technology*, 2008, vol. 21, art. no. 065013. (2.547 - IF2007). (2008 - Current Contents, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] JARVELA, J. - STENVALL, A. - MIKKONEN, R. - RINDFLEISCH, M. In CRYOGENICS. JUL 2011, vol. 51, no. 7, p. 400-407., WOS

ADCA207 HOLÚBEK, Tomáš - DHALLÉ, M. - KOVÁČ, Pavol. Current transfer in MgB2 wires with different sheath materials. In *Superconductor Science and Technology*, 2007, vol. 20, s. 123-128. (1.440 - IF2006). (2007 - Current Contents, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] JARVELA, J. - STENVALL, A. - MIKKONEN, R. - RINDFLEISCH, M. In CRYOGENICS. JUL 2011, vol. 51, no. 7, p. 400-407., WOS

[1.1] MAGNUSSON, N. - LINDAU, S. - TAXT, H. - RUNDE, M. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. OCT 2014, vol. 27, no. 10., WOS

[1.1] SEE, K.W. - XU, X. - HORVAT, J. - COOK, C.D. - DOU, S.X. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. OCT 2011, vol. 24, no. 10., WOS

ADCA208 HOLÚBEK, Tomáš - KOVÁČ, Pavol - MELIŠEK, Tibor. Current transfer length in MgB2/Fe mono/core wire and approximation of the interface layer resistivity. In *Superconductor Science and Technology*. - Bristol : IOP Publishing Ltd., 2005, vol. 18, p. 1218-1221. (1.556 - IF2004). (2005 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] JARVELA, J. - STENVALL, A. - MIKKONEN, R. - RINDFLEISCH, M. In CRYOGENICS. JUL 2011, vol. 51, no. 7, p. 400-407., WOS

[1.1] LI, G.Z. - REDDY, K.M. - ZWAYER, J.B. - KULDELL, M.A. - SUSNER, M.A. - YANG, Y. - SUMPTION, M.D. - YUE, J.J. - RINDFLEISCH, M.A. - TOMSIC, M.J. - THONG, C.J. - COLLINGS, E.W. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 3., WOS

[1.1] SEE, K.W. - XU, X. - HORVAT, J. - COOK, C.D. - DOU, S.X. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. OCT 2011, vol. 24, no. 10., WOS

[1.1] VOJENCIAK, M. - GRILLI, F. - STENVALL, A. - KLING, A. - GOLDACKER, W. In CRYOGENICS. OCT 2013, vol. 57, p. 189-194., WOS

[1.1] ZHOU, C. - DHALLE, M. - TEN KATE, H. H. J. - NIJHUIS, A. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. SEP 2014, vol. 27, no. 9., WOS

ADCA209 HOLÚBEK, Tomáš - SCHLACHTER, S. - GOLDACKER, W. Fabrication and transport properties of superconducting MgB2 cables. In *Superconductor Science and Technology*, 2009, vol. 22, art. no. 055011. (1.847 - IF2008). (2009 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] GIUNCHI, G. - SAGLIETTI, L. - ALBISETTI, A.F. - PERINI, E. - SCHIAVONE, C. - RIPAMONTI, G. - UGLIETTI, D. - BRUZZONE, P.L. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 3., WOS

[1.1] HOSSAIN, M.S.A. - SENATORE, C. - RINDFLEISCH, M. - FLUKIGER, R. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUL 2011, vol. 24, no. 7., WOS

[1.1] CHEADLE, M.J. - WOZNIAK, M. - BROMBERG, L. - GLOWACKI, B.A. - JIANG, X.H. - ZENG, R. - MINERVINI, J.V. - BRISSON, J.G. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 3., WOS

[1.1] KOPERA, L. - KOVAC, P. - HUSEK, I. - MELISEK, T. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. DEC 2013, vol. 26, no. 12., WOS

[1.1] SAGLIETTI, L. - ORECCHIA, C. - ALBISETTI, A.F. - PERINI, E. - GIUNCHI, G. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 3, p. 2655-2658., WOS

[1.1] VIGNOLO, M. - ROMANO, G. - MARTINELLI, A. - BERNINI, C. -

SIRI, A.S. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. AUG 2012, vol. 22, no. 4., WOS

ADCA210 HOLÝ, V. - DARHUBER, A.A. - STANGL, J. - ZERLAUTH, S. - SCHÄFLER, F. - BAUER, G. - DAROWSKI, N. - LUBERT, D. - PIETSCH, U. - VÁVRA, Ivo. Coplanar and grazing incidence x-ray-diffraction investigation of self-organized SiGe quantum dot multilayers. In *Physical Review B*, 1998, vol. 58, p. 7934-7943. (2.880 - IF1997). (1998 - Current Contents).

Ohlasy:

[1.1] FALEEV, N.N. - HONSBERG, C. - PUNEGOV, V.I. In JOURNAL OF APPLIED PHYSICS. APR 28 2013, vol. 113, no. 16., WOS

[1.1] MANNA, U. - NOYAN, I.C. - ZHANG, Q. - SALAKHUTDINOV, I.F. - DUNN, K.A. - NOVAK, S.W. - MOUG, R. - TAMARGO, M.C. - NEUMARK, G.F. - KUSKOVSKY, I.L. In JOURNAL OF APPLIED PHYSICS. FEB 1 2012, vol. 111, no. 3., WOS

[1.1] PUNEGOV, V.I. - SIVKOV, D.V. - KLAD'KO, V.P. In TECHNICAL PHYSICS LETTERS. APR 2011, vol. 37, no. 4, p. 364-367., WOS

ADCA211 HORVÁTH, B. - HRONEC, M. - VÁVRA, Ivo - ŠUSTEK, M. - KRIŽANOVÁ, Zuzana - DÉRER, Ján - DOBROČKA, Edmund. Direct gas-phase epoxidation of propylene over nanostructured molybdenum oxide film catalysts. In *Catalysis communications*, 2013, vol. 34, p. 16-21. (2.915 - IF2012). (2013 - Current Contents). ISSN 1566-7367.

Ohlasy:

[1.1] LIU, Y. - ZHANG, B.H. - YANG, Y.Q. - CHANG, Z. - WEN, Z.B. - WU, Y.P. In JOURNAL OF MATERIALS CHEMISTRY A. 2013, vol. 1, no. 43, p. 13582-13587., WOS

[1.1] PANG, Y.J. - CHEN, X.H. - XU, C.Z. - LEI, Y.J. - WEI, K.M. In PROGRESS IN CHEMISTRY. AUG 2014, vol. 26, no. 8, p. 1307-1316., WOS

[1.1] PANG, Y.J. - CHEN, X.H. - XU, C.Z. - LEI, Y.J. - WEI, K.M. In CHEMCATCHEM. MAR 2014, vol. 6, no. 3, p. 876-884., WOS

ADCA212 HORVÁTH, D. - GMITRA, M. - VÁVRA, Ivo - DOBROČKA, Edmund - BRUTOVSKY, B. Evolutionary approach to the optimization of finite-size effects in magnetic dot arrays. In *Czechoslovak journal of physics*. - Praha : Academia, 2002, vol. 52, p. 123-126. (0.345 - IF2001). (2002 - Current Contents, WOS, SCOPUS). ISSN 0011-4626.

Ohlasy:

[1.1] GWIZDALLA, T.M. In APPLIED MATHEMATICS AND COMPUTATION. JUL 15 2011, vol. 217, no. 22, p. 9368-9379., WOS

ADCA213 HORVÁTH, D. - GMITRA, M. - MAJCHRÁK, Peter - BALÁŽ, Peter - VÁVRA, Ivo. The evidence of the localized point defect from the remagnetization of a magnetic dot array. In *Journal of Magnetism and Magnetic Materials*. - Amsterdam : Elsevier Science, 2006, vol. 304, p. 486-488. (0.985 - IF2005). (2006 - Current Contents, WOS, SCOPUS). ISSN 0304-8853.

Ohlasy:

[1.1] KAVITHA, L. - SARAVANAN, M. - AKILA, N. - BHUVANESWARI, S. - GOPI, D. In PHYSICA SCRIPTA. MAR 2012, vol. 85, no. 3., WOS

ADCA214 HOTOVÝ, I. - HURAN, Jozef - JANÍK, J. - KOBZEV, A.P. Deposition and properties of nickel oxide films produced by DC reactive magnetron sputtering. In *Vacuum*, 1998, vol. 50, p. 157-160. (0.480 - IF1997). (1998 - Current Contents).

Ohlasy:

[1.1] BEN AMOR, M. - BOUKHACHEM, A. - BOUBAKER, K. - AMLOUK, M. Structural, optical and electrical studies on Mg-doped NiO thin films for sensitivity applications. In MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING. NOV 2014, vol. 27, p. 994-1006., WOS

[1.1] BEN AMOR, M. - BOUKHACHEM, A. - BOUBAKER, K. - AMLOUK, M. In MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING. NOV 2014, vol. 27, p. 994-1006., WOS

[1.1] BOUKHACHEM, A. - BOUGHALMI, R. - KARYAOUI, M. - MHAMDI, A. - CHTOUROU, R. - BOUBAKER, K. - AMLOUK, M. Study of substrate temperature effects on structural, optical, mechanical and opto-thermal properties of NiO sprayed semiconductor thin films. In MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS. OCT 2014, vol. 188, p. 72-77., WOS

[1.1] BURGSTALLER, W. - HAFNER, M. - VOITH, M. - MARDARE, A.I. - HASSEL, A.W. Copper-nickel oxide thin film library reactively co-sputtered from a metallic sectioned cathode. In JOURNAL OF MATERIALS RESEARCH. JAN 14 2014, vol. 29, no. 1, p. 148-157., WOS

[1.1] CASTRO-HURTADO, I. - HERRAN, J. - MANDAYO, G.G. - CASTANO, E. In THIN SOLID FILMS. NOV 30 2011, vol. 520, no. 3, p. 947-952., WOS

[1.1] DE GRYSE, R. - HAEMERS, J. - LEROY, W.P. - DEPLA, D. In THIN SOLID FILMS. JUL 1 2012, vol. 520, no. 18, p. 5833-5845., WOS

[1.1] EBRAHIMI, M. - QORBANI, M. - BAYAT, A. - ZAVARIAN, A.A. - MOSHFEGH, A.Z. Correlation between surface stochastic parameters and field emission property of NiO nanorods. In JOURNAL OF PHYSICS D-APPLIED PHYSICS. MAR 19 2014, vol. 47, no. 11., WOS

[1.1] GUZIEWICZ, M. - GROCHOWSKI, J. - BORYSIEWICZ, M. - KAMINSKA, E. - DOMAGALA, J.Z. - RZODKIEWICZ, W. - WITKOWSKI, B.S. - GOLASZEWSKA, K. - KRUSZKA, R. - EKIELSKI, M. - PIOTROWSKA, A. In OPTICA APPLICATA. 2011, vol. 41, no. 2, p. 431-440., WOS

[1.1] GUZIEWICZ, M. - JUNG, W. - GROCHOWSKI, J. - BORYSIEWICZ, M. - GOLASZEWSKA, K. - KRUSZKA, R. - BARANSKA, A. - PIOTROWSKA, A. - WITKOWSKI, B.S. - DOMAGALA, J.Z. - GRYZINSKI, M. - TYMINSKA, K. - STONERT, A. In ACTA PHYSICA POLONICA A. DEC 2011, vol. 120, no. 6A, SI, p. A69-A72., WOS

[1.1] GUZIEWICZ, M. - JUNG, W. - GROCHOWSKI, J. - BORYSIEWICZ, M. - GOLASZEWSKA, K. - KRUSZKA, R. - WITKOWSKI, B.S. - DOMAGALA, J. - GRYZINSKI, M. - TYMINSKA, K. - TULIK, P. - PIOTROWSKA, A. In EUROSENSORS XXV. 2011, vol. 25., WOS

[1.1] HSU, C.Y. - CHEN, W.T. - CHEN, Y.C. - WEI, H.Y. - YEN, Y.S. - HUANG, K.C. - HO, K.C. - CHU, C.W. - LIN, J.T. In ELECTROCHIMICA ACTA. APR 1 2012, vol. 66, p. 210-215., WOS

[1.1] HUANG, C.C. - SU, P.C. - LIAO, Y.C. Conductive lithium nickel oxide thin film patterns via inkjet printing technology. In THIN SOLID FILMS.

OCT 1 2013, vol. 544, p. 348-351., WOS
[1.1] HUANG, Y.W. - ZHANG, Q. - XI, J.H. - JI, Z.G. In APPLIED SURFACE SCIENCE. JUL 15 2012, vol. 258, no. 19, p. 7435-7439., WOS
[1.1] CHIEN, F.S.S. - WU, Y.T. - LAI, G.L. - LAI, Y.H. In APPLIED PHYSICS LETTERS. APR 11 2011, vol. 98, no. 15., WOS
[1.1] JANG, W.L. - LU, Y.M. - HWANG, W.S. - DONG, C.L. - HSIEH, P.H. - CHEN, C.L. - CHAN, T.S. - LEE, J.F. In EPL. NOV 2011, vol. 96, no. 3., WOS
[1.1] KARPINSKI, A. - FERREC, A. - RICHARD-PLOUET, M. - CATTIN, L. - DJOUADI, M.A. - BROHAN, L. - JOUAN, P.Y. In THIN SOLID FILMS. FEB 29 2012, vol. 520, no. 9, p. 3609-3613., WOS
[1.1] REDDY, A.M. - REDDY, Y.A.K. - REDDY, C.S. - REDDY, A.S. - REDDY, P.S. Oxygen Partial Pressure Dependent Properties of Nanocrystalline Nickel Oxide Films. In ADVANCED NANOMATERIALS AND NANOTECHNOLOGY. 2013, vol. 143, p. 165-168., WOS
[1.1] REDDY, Y.A.K. - AJITHA, B. - REDDY, P.S. Influence of thermal annealing on structural, morphological, optical and electrical properties of NiO-Cu composite thin films. In MATERIALS EXPRESS. FEB 2014, vol. 4, no. 1, p. 32-40., WOS
[1.1] REDDY, Y.A.K. - REDDY, A.S. - REDDY, P.S. Effect of oxygen partial pressure on the properties of NiO-Ag composite films grown by DC reactive magnetron sputtering. In JOURNAL OF ALLOYS AND COMPOUNDS. JAN 15 2014, vol. 583, p. 396-403., WOS
[1.1] SOLEIMANPOUR, A.M. - JAYATISSA, A.H. In MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS. DEC 1 2012, vol. 32, no. 8, p. 2230-2234., WOS
[1.1] SOLEIMANPOUR, A.M. - HOU, Y. - JAYATISSA, A.H. Evolution of hydrogen gas sensing properties of sol-gel derived nickel oxide thin film. In SENSORS AND ACTUATORS B-CHEMICAL. JUN 2013, vol. 182, p. 125-133., WOS
[1.1] VU, T.T.D. - MIGHRI, F. - AJJI, A. - DO, T.O. Synthesis of Titanium Dioxide/Cadmium Sulfide Nanosphere Particles for Photocatalyst Applications. In INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH. MAR 12 2014, vol. 53, no. 10, p. 3888-3897., WOS
[1.2] Castro-Hurtado, I., Mandayo, G.G., Castano, E. In Proceedings of the 8th Spanish Conference on Electron Devices, CDE'2011 (2011), art. no. 5744198, SCOPUS
[1.2] Grochowski, J., Guziewicz, M., Borysiewicz, M., Sidor, Z., Kruszka, R., Piotrowska, A. In Proceedings of the International Spring Seminar on Electronics Technology (2011), art. no. 6053551 , pp. 63-67, SCOPUS

ADCA215 HOTOVÝ, I. - HURAN, Jozef - SICILIANO, P. - CAPONE, S. - SPIESS, L. - REHACEK, V. Enhancement of H2 sensing properties of NiO-based thin films with a Pt surface modification. In *Sensors and Actuators B*, 2004, vol. 103, p. 300-311.
Ohlasy:
[1.1] ALVER, U. - YAYKASLI, H. - KERLI, S. - TANRIVERDI, A. In INTERNATIONAL JOURNAL OF MINERALS METALLURGY AND MATERIALS. NOV 2013, vol. 20, no. 11, p. 1097-1101., WOS
[1.1] ARCHANJO, B.S. - SILES, P.F. - OLIVEIRA, C.K.B.Q.M. - BAPTISTA, D.L. - NEVES, B.R.A. In ADVANCES IN MATERIALS

SCIENCE AND ENGINEERING. 2013., WOS
[1.1] BAGWAIYA, T. - GOYAL, C.P. - BHATTACHARYA, S. - RAMGIR, N.S. - BHATTACHARYA, D. - KOIRY, S.P. - ASWAL, D.K. - GUPTA, S.K. In SOLID STATE PHYSICS: PROCEEDINGS OF THE 58TH DAE SOLID STATE PHYSICS SYMPOSIUM 2013, PTS A & B. 2014, vol. 1591, p. 938-940., WOS
[1.1] CAO, J. - WANG, Z.Y. - WANG, R. - ZHANG, T. In CRYSTENGCOMM. 2014, vol. 16, no. 33, p. 7731-7737., WOS
[1.1] DAKHEL, A.A. In JOURNAL OF NON-CRYSTALLINE SOLIDS. JAN 15 2012, vol. 358, no. 2, p. 285-289., WOS
[1.1] DELLA GASPERA, E. - BELLO, V. - MATTEI, G. - MARTUCCI, A. In MATERIALS CHEMISTRY AND PHYSICS. DEC 15 2011, vol. 131, no. 1-2, p. 313-319., WOS
[1.1] DELLA GASPERA, E. - BUSO, D. - MARTUCCI, A. In JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY. DEC 2011, vol. 60, no. 3, p. 366-377., WOS
[1.1] DELLA GASPERA, E. - GUGLIELMI, M. - MARTUCCI, A. - GIANCATERINI, L. - CANTALINI, C. In SENSORS AND ACTUATORS B-CHEMICAL. MAR 31 2012, vol. 164, no. 1, p. 54-63., WOS
[1.1] FASAKI, I. - KANDYLA, M. - KOMPITSAS, M. In APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING. JUN 2012, vol. 107, no. 4, p. 899-904., WOS
[1.1] FASAKI, I. - KANDYLA, M. - TSOUTSOUVA, M.G. - KOMPITSAS, M. In SENSORS AND ACTUATORS B-CHEMICAL. JAN 2013, vol. 176, p. 103-109., WOS
[1.1] FU, X.M. - YANG, Z.Z. In MACHINERY, MATERIALS SCIENCE AND ENGINEERING APPLICATIONS, PTS 1 AND 2. 2011, vol. 228-229, Part 1-2, p. 34-37., WOS
[1.1] GARDUNO-WILCHES, I. - ALONSO, J.C. In INTERNATIONAL JOURNAL OF HYDROGEN ENERGY. APR 1 2013, vol. 38, no. 10, p. 4213-4219., WOS
[1.1] HOA, L.T. - TIEN, H.N. - HUR, S.H. In JOURNAL OF NANOMATERIALS. 2014., WOS
[1.1] CHEN, W.G. - ZHOU, Q. - WAN, F. - PENG, S.D. - ZENG, W. In NANOSCIENCE AND NANOTECHNOLOGY LETTERS. DEC 2013, vol. 5, no. 12, p. 1231-1236., WOS
[1.1] ILIADIS, A.A. - ALI, H.A. In IEEE TRANSACTIONS ON NANOTECHNOLOGY. MAY 2011, vol. 10, no. 3, p. 652-656., WOS
[1.1] KANDYLA, M. - CHATZIMANOLIS-MOUSTAKAS, C. - GUZIEWICZ, M. - KOMPITSAS, M. In MATERIALS LETTERS. MAR 15 2014, vol. 119, p. 51-55., WOS
[1.1] KANDYLA, M. - CHATZIMANOLIS-MOUSTAKAS, C. - KOUMOULOS, E.P. - CHARITIDIS, C. - KOMPITSAS, M. In MATERIALS RESEARCH BULLETIN. JAN 2014, vol. 49, p. 552-559., WOS
[1.1] KRUNKS, M. - SOON, J. - UNT, T. - MERE, A. - MIKLI, V. In VACUUM. SEP 2014, vol. 107, SI, p. 242-246., WOS
[1.1] LIN, L.Y. - LIU, T.M. - MIAO, B. - ZENG, W. In MATERIALS RESEARCH BULLETIN. FEB 2013, vol. 48, no. 2, p. 449-454., WOS
[1.1] LIU, B. - YANG, H.Q. - ZHAO, H. - AN, L.J. - ZHANG, L.H. - SHI, R.Y. - WANG, L. - BAO, L. - CHEN, Y. In SENSORS AND ACTUATORS

B-CHEMICAL. AUG 10 2011, vol. 156, no. 1, p. 251-262., WOS
[1.1] REDDY, Y.A.K. - REDDY, A.S. - REDDY, P.S. In JOURNAL OF ALLOYS AND COMPOUNDS. JAN 15 2014, vol. 583, p. 396-403., WOS
[1.1] REDDY, Y.A.K. - REDDY, A.S. - REDDY, P.S. In SCIENCE OF ADVANCED MATERIALS. JAN 2014, vol. 6, no. 1, p. 178-188., WOS
[1.1] SHAABAN, E.R. - KAID, M.A. - ALI, M.G.S. In JOURNAL OF ALLOYS AND COMPOUNDS. NOV 15 2014, vol. 613, p. 324-329., WOS
[1.1] SOLEIMANPOUR, A.M. - JAYATISSA, A.H. In MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS. DEC 1 2012, vol. 32, no. 8, p. 2230-2234., WOS
[1.1] SOLEIMANPOUR, A.M. - HOU, Y. - JAYATISSA, A.H. In SENSORS AND ACTUATORS B-CHEMICAL. JUN 2013, vol. 182, p. 125-133., WOS
[1.1] SONG, X.F. - GAO, L. - MATHUR, S. In JOURNAL OF PHYSICAL CHEMISTRY C. NOV 10 2011, vol. 115, no. 44, p. 21730-21735., WOS
[1.1] SU, P.G. - SHIU, C.C. In SENSORS AND ACTUATORS B-CHEMICAL. SEP 20 2011, vol. 157, no. 1, p. 275-281., WOS
[1.1] WANG, B.C. - NISAR, J. - AHUJA, R. In ACS APPLIED MATERIALS & INTERFACES. OCT 2012, vol. 4, no. 10, p. 5691-5697., WOS
[1.1] WANG, J. - YANG, F. - WEI, X.W. - ZHANG, Y.F. - WEI, L.M. - ZHANG, J.J. - TANG, Q.F. - GUO, B. - XU, L. In PHYSICAL CHEMISTRY CHEMICAL PHYSICS. AUG 21 2014, vol. 16, no. 31, p. 16711-16718., WOS
[1.1] WANG, L.L. - LOU, Z. - WANG, R. - FEI, T. - ZHANG, T. In SENSORS AND ACTUATORS B-CHEMICAL. AUG-SEP 2012, vol. 171, p. 1180-1185., WOS
[1.1] WU, C.C. - YANG, C.F. In NANOSCALE RESEARCH LETTERS. JAN 18 2013, vol. 8., WOS
[1.1] YOON, J.W. - KIM, H.J. - KIM, I.D. - LEE, J.H. In NANOTECHNOLOGY. NOV 8 2013, vol. 24, no. 44, SI., WOS
[1.1] ZENG, W. - LIU, T.M. - LIU, D.J. - HAN, E.J. In SENSORS AND ACTUATORS B-CHEMICAL. DEC 15 2011, vol. 160, no. 1, p. 455-462., WOS
[1.1] ZHAO, J. - WANG, W.N. - LIU, Y.P. - MA, J.M. - LI, X.W. - DU, Y. - LU, G.Y. In SENSORS AND ACTUATORS B-CHEMICAL. DEC 15 2011, vol. 160, no. 1, p. 604-608., WOS
[1.2] Ashok Kumar Reddy, Y., Mallikarjuna Reddy, A., Sivasankar Reddy, A.,Sreedhara Reddy, P. Journal of Nano- and Electronic Physics 4 (2012) , art. no. 04002, SCOPUS
[1.2] Della Gaspera, E., Mattei, G., Martucci, A. Materials Research Society Symposium Proceedings 1449 (2012) pp. 127, SCOPUS
[1.2] Fu, X., Yang, Z. In Advanced Materials Research 2011, 228-229 , pp. 34-37, SCOPUS
[1.2] Guo, Q.-S., Guo, X.-Y., Tian, Q.-H. In Cailiao Kexue yu Gongyi/Material Science and Technology 19 (2011) , pp. 47-51, SCOPUS
[1.2] Mousdis, G.A., Kompitsas, M., Fasaki, I. In NATO Science for Peace and Security Series B: Physics and Biophysics 2011, pp. 401-407, SCOPUS

ADCA216 HOTOVÝ, I. - ŘEHÁČEK, V. - MIKA, F. - LALINSKÝ, Tibor - HAŠČÍK, Štefan - VANKO, Gabriel - DRŽÍK, Milan. Gallium arsenide suspended microheater for MEMS sensor arrays. In *Microsystem Technologies*, 2008, vol. 14, p. 629-635. (0.912 - IF2007).

Ohlasy:

[1.1] BIRO, F. - DUCSO, C. - HAJNAL, Z. - PAP, A.E. - BARSONY, I. In 2013 19TH INTERNATIONAL WORKSHOP ON THERMAL INVESTIGATIONS OF ICS AND SYSTEMS (THERMINIC). 2013, p. 116-121., WOS

[1.1] BIRO, F. - DUCSO, C. - HAJNAL, Z. - RIESZ, F. - PAP, A.E. - BARSONY, I. In MICROELECTRONICS JOURNAL. DEC 2014, vol. 45, no. 12, p. 1822-1828., WOS

ADCA217 HOTOVÝ, I. - HURAN, Jozef - SPIESS, L. Characterization of sputtered NiO films using XRD and AFM. In *Journal of Materials Science*. - New York : Springer, 2004, vol. 39, p. 2609-2612. (0.826 - IF2003). (2004 - Current Contents, WOS, SCOPUS). ISSN 0022-2461.

Ohlasy:

[1.1] DU, Y. - WANG, W.N. - LI, X.W. - ZHAO, J. - MA, J.M. - LIU, Y.P. - LU, G.Y. In MATERIALS LETTERS. FEB 1 2012, vol. 68, p. 168-170., WOS

[1.1] HORAK, P. - LAVRENTIEV, V. - BEJSOVEC, V. - VACIK, J. - DANIS, S. - VRNATA, M. - KHUN, J. In EUROPEAN PHYSICAL JOURNAL B. NOV 13 2013, vol. 86, no. 11., WOS

[1.1] KANDYLA, M. - CHATZIMANOLIS-MOUSTAKAS, C. - KOUMOULOS, E.P. - CHARITIDIS, C. - KOMPITSAS, M. In MATERIALS RESEARCH BULLETIN. JAN 2014, vol. 49, p. 552-559., WOS

[1.1] KANG, S.H. - ZHU, K. - NEALE, N.R. - FRANK, A.J. In CHEMICAL COMMUNICATIONS. 2011, vol. 47, no. 37, p. 10419-10421., WOS

[1.1] KIM, H.R. - ITO, T. - KIM, B.S. - WATANABE, Y. - KIM, I.S. In ADVANCED ENGINEERING MATERIALS. MAY 2011, vol. 13, no. 5, p. 376-382., WOS

[1.1] LIN, L.Y. - LIU, T.M. - YU, W.J. - GOU, Z.P. - ZENG, W. In MATERIALS RESEARCH BULLETIN. JUL 2013, vol. 48, no. 7, p. 2730-2736., WOS

[1.1] LIU, B.D. - LUO, L.Q. - DING, Y.P. - SI, X.J. - WEI, Y.L. - OUYANG, X.Q. - XU, D. In ELECTROCHIMICA ACTA. OCT 1 2014, vol. 142, p. 336-342., WOS

[1.1] PARK, S. - KIM, H.R. - BANG, H. - FUJIMORI, K. - KIM, B.S. - KIM, S.H. - KIM, I.S. In JOURNAL OF APPLIED POLYMER SCIENCE. AUG 15 2012, vol. 125, no. 4, p. 2929-2935., WOS

[1.1] RETAMAL, J.R.D. - CHEN, C.Y. - LIEN, D.H. - HUANG, M.R.S. - LIN, C.A. - LIU, C.P. - HE, J.H. In ACS PHOTONICS. APR 2014, vol. 1, no. 4, p. 354-359., WOS

[1.1] SAFARI-ALAMUTI, F. - JENNINGS, J.R. - HOSSAIN, M.A. - YUNG, L.Y.L. - WANG, Q. In PHYSICAL CHEMISTRY CHEMICAL PHYSICS. 2013, vol. 15, no. 13, p. 4767-4774., WOS

[1.1] SHIN, H. - CHOI, S.B. - YU, C.J. - KIM, J.Y. In JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY. MAY 2011, vol. 11, no. 5, p. 4629-4632., WOS

[1.1] VALLADARES, L.D. - IONESCU, A. - HOLMES, S. - BARNES, C.H.W. - DOMINGUEZ, A.B. - QUISPE, O.A. - GONZALEZ, J.C. - MILANA, S. - BARBONE, M. - FERRARI, A.C. - RAMOS, H. - MAJIMA, Y. In JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B. SEP 2014, vol. 32, no. 5., WOS

[1.2] Mathiyan, J., Sivalingam, D.,Gopalakrishnan, J.B., Rayappan, J.B.B. Journal of Applied Sciences 12 (2012) , pp. 1686, SCOPUS
[1.2] Wang, W. , Li, X., Liu, Y., Zhao, J., Yang, T., Wang, Z., Du, Y., Lu, G.: Chinese Journal of Sensors Actuators 26 (2013) 458, SCOPUS

ADCA218 HOTOVÝ, I. - BÚC, D. - HAŠČÍK, Štefan - NENNEWITZ, O. Characterization of NiO thin films deposited by reactive sputtering. In *Vacuum*, 1998, vol. 50, p. 41-44. (0.480 - IF1997). (1998 - Current Contents).

Ohlasy:
[1.1] BAGWAIYA, T. - GOYAL, C. P. - BHATTACHARYA, S. - RAMGIR, N. S. - BHATTACHARYA, D. - KOIRY, S. P. - ASWAL, D. K. - GUPTA, S. K. In SOLID STATE PHYSICS: PROCEEDINGS OF THE 58TH DAE SOLID STATE PHYSICS SYMPOSIUM 2013, PTS A & B. 2014, vol. 1591, p. 938-940., WOS
[1.1] BURGSTALLER, W. - HAFNER, M. - VOITH, M. - MARDARE, A. I. - HASSEL, A. W. In JOURNAL OF MATERIALS RESEARCH. JAN 14 2014, vol. 29, no. 1, p. 148-157., WOS
[1.1] DEOKATE, R. J. - LOKHANDE, C. D. In SENSORS AND ACTUATORS B-CHEMICAL. MAR 2014, vol. 193, p. 89-94., WOS
[1.1] JANG, W.L. - LU, Y.M. - DONG, C.L. - HWANG, W.S. - HSIEH, P.H. - CHEN, C.L. - CHAN, T.S. In SCIENCE OF ADVANCED MATERIALS. OCT 2013, vol. 5, no. 10, p. 1346-1353., WOS
[1.1] KOO, G.H. - JUNG, Y.C. - HAHM, S.H. - JUNG, D.G. - LEE, Y.S. In INFRARED TECHNOLOGY AND APPLICATIONS XXXIX. 2013, vol. 8704., WOS
[1.1] OHTSUKI, T. - HARAKO, S. - KOMURO, S. - ZHAO, X.W. In JAPANESE JOURNAL OF APPLIED PHYSICS. JUN 2013, vol. 52, no. 6, 2, SI., WOS
[1.1] REDDY, A.M. - JOO, S.K. - REDDY, A.S. - REDDY, P.S. In JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS. SEP-OCT 2012, vol. 14, no. 9-10, p. 763-768., WOS
[1.1] SHIN, H. - CHOI, S.B. - YU, C.J. - KIM, J.Y. In JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY. MAY 2011, vol. 11, no. 5, p. 4629-4632., WOS
[1.1] ZHANG, D. - NOZAKI, S.- UCHIDA, K. In JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B. MAY 2014, vol. 32, no. 3., WOS

ADCA219 HOTOVÝ, I. - HURAN, Jozef - SPIESS, L. - LIDAY, J. - SITTER, H. - HAŠČÍK, Štefan. Influence of process parameters and annealing temperature on the physical properties of sputtered NiO thin films. In *Vacuum*, 2002, vol. 69, p. 237-242.

Ohlasy:
[1.1] AWAIS, M. - DINI, D. - MACELROY, J.M.D. - HALPIN, Y. - VOS, J.G. - DOWLING, D.P. In JOURNAL OF ELECTROANALYTICAL CHEMISTRY. JAN 15 2013, vol. 689, p. 185-192., WOS
[1.1] MOHAMMED, M.Z. - AL-HILO, A.A. - CHEN, T.P. In 2014 IEEE 40TH PHOTOVOLTAIC SPECIALIST CONFERENCE (PVSC). 2014, p. 2998-3003., WOS
[1.1] MOLAEI, R. - BAYATI, R. - NARAYAN, J. In CRYSTAL GROWTH & DESIGN. DEC 2013, vol. 13, no. 12, p. 5459-5465., WOS

[1.1] SHIN, H. - CHOI, S.B. - YU, C.J. - KIM, J.Y. In JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY. MAY 2011, vol. 11, no. 5, p. 4629-4632., WOS

[1.1] SOLOV'EV, A. A. - SOCHUGOV, N. S. - IONOV, I. V. - SHIPILOVA, A. V. - KOVAL'CHUK, A. N. In RUSSIAN JOURNAL OF ELECTROCHEMISTRY. JUL 2014, vol. 50, no. 7, p. 647-655., WOS

[1.1] WANG, F. H. - LI, P. J. - DIAO, C. C. - HUANG, C. C. - HUANG, H. H. - YANG, C. F. In PROCEEDINGS OF THE 2ND INTERNATIONAL CONFERENCE ON INTELLIGENT TECHNOLOGIES AND ENGINEERING SYSTEMS (ICITES2013). 2014, vol. 293, p. 147-154., WOS

[1.2] Mohammed, M.Z., Al-Hilo, A.A., Chen, T.-P.: 2014 IEEE 40th Photovoltaic Specialist Conference, PVSC 2014 6925563, pp. 2998-3003, SCOPUS

ADCA220 HOTOVÝ, I. - HURAN, Jozef - SPIESS, L. - ROMANUS, H. - BÚC, D. - KOSIBA, R. NiO-based nanostructured thin films with Pt surface modification for gas detection. In *Thin Solid Films*, 2006, vol. 515, p. 658-661. (2006 - Current Contents). ISSN 0040-6090.

Ohlasy:

[1.1] FARAG, A. A. M. - OBADA, M. K. - MAHMOUD, M. E. In POLYHEDRON. MAR 20 2014, vol. 71, p. 75-84., WOS

[1.1] FASAKI, I. - KANDYLA, M. - KOMPITSAS, M. In APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING. JUN 2012, vol. 107, no. 4, p. 899-904., WOS

[1.1] FASAKI, I. - KANDYLA, M. - TSOUTSOUVA, M.G. - KOMPITSAS, M. In SENSORS AND ACTUATORS B-CHEMICAL. JAN 2013, vol. 176, p. 103-109., WOS

[1.1] KIM, H.J. - CHOI, K.I. - KIM, K.M. - NA, C.W. - LEE, J.H. In SENSORS AND ACTUATORS B-CHEMICAL. AUG-SEP 2012, vol. 171, p. 1029-1037., WOS

[1.1] SHAABAN, E. R. - KAID, M. A. - ALI, M. G. S. In JOURNAL OF ALLOYS AND COMPOUNDS. NOV 15 2014, vol. 613, p. 324-329., WOS

[1.2] Ashok Kumar Reddy, Y., Mallikarjuna Reddy, A., Sivasankar Reddy, A.,Sreedhara Reddy, P. Journal of Nano- and Electronic Physics 4 (2012) , art. no. 04002, SCOPUS

[1.2] Mathiyan, J., Sivalingam, D.,Gopalakrishnan, J.B., Rayappan, J.B.B. Journal of Applied Sciences 12 (2012) , pp. 1686, SCOPUS

[2.1] SARAVANAKUMAR, S. - SARAVANAN, R. - SASIKUMAR, S. In CHEMICAL PAPERS. JUN 2014, vol. 68, no. 6, p. 788-797., WOS

ADCA221 HOTOVÝ, I. - HURAN, Jozef - SPIESS, L. - HAŠČÍK, Štefan - REHACEK, V. Preparation of nickel oxide thin films for gas sensors applications. In *Sensors and Actuators B : Chemical*, 1999, vol. 57, p. 147-152. (1.130 - IF1998). (1999 - Current Contents).

Ohlasy:

[1.1] ABBASI, M.A. - IBUPOTO, Z.H. - HUSSAIN, M. - KHAN, Y. - KHAN, A. - NUR, O. - WILLANDER, M. In SENSORS. NOV 2012, vol. 12, no. 11, p. 15424-15437., WOS

[1.1] AHMADISOLTANSARAEI, K. - MOGHADDAM, J. In INTERNATIONAL JOURNAL OF MINERALS METALLURGY AND

MATERIALS. JUL 2014, vol. 21, no. 7, p. 726-735., WOS
[1.1] AMIN, R.S. - HAMEED, R.M.A. - EL-KHATIB, K.M. - YOUSSEF, M.E. - ELZATAHRY, A.A. In ELECTROCHIMICA ACTA. JAN 1 2012, vol. 59, p. 499-508., WOS
[1.1] ATLA, S.B. - CHEN, C.Y. - YANG, J. - CHEN, C.C. - SUN, A.C. - LIN, K.H. - MAITY, J.P. - PAN, W. - CHENG, K.C. In CHEMICAL ENGINEERING JOURNAL. MAR 1 2012, vol. 184, p. 333-341., WOS
[1.1] AWAIS, M. - DINI, D. - MACELROY, J.M.D. - HALPIN, Y. - VOS, J.G. - DOWLING, D.P. In JOURNAL OF ELECTROANALYTICAL CHEMISTRY. JAN 15 2013, vol. 689, p. 185-192., WOS
[1.1] BARAKAT, A. - AL-NOAIMI, M. - SULEIMAN, M. - ALDWAYYAN, A.S. - HAMMOUTI, B. - BEN HADDA, T. - HADDAD, S.F. - BOSHAALA, A. - WARAD, I. In INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. DEC 2013, vol. 14, no. 12, p. 23941-23954., WOS
[1.1] BASITH, N.M. - VIJAYA, J.J. - KENNEDY, L.J. - BOUOUDINA, M. - HUSSAIN, S. In JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY. MAR 2014, vol. 14, no. 3, p. 2577-2583., WOS
[1.1] BHARATHI, B. - THANIKAIKARASAN, S. - KOLLU, P. - CHANDRASEKAR, P.V. - MAHALINGAM, T. - LXTLILCO, L. In JOURNAL OF NEW MATERIALS FOR ELECTROCHEMICAL SYSTEMS. 2014, vol. 17, no. 3, p. 173-177., WOS
[1.1] BHATTACHARJEE, C.R. - PURKAYASTHA, D.D. - CHETIA, J.R. In JOURNAL OF COORDINATION CHEMISTRY. 2011, vol. 64, no. 24, p. 4434-4442., WOS
[1.1] DALAVI, D.S. - SURYAVANSHI, M.J. - MALI, S.S. - PATIL, D.S. - PATIL, P.S. In JOURNAL OF SOLID STATE ELECTROCHEMISTRY. JAN 2012, vol. 16, no. 1, p. 253-263., WOS
[1.1] DOMINGUEZ-CANIZARES, G. - GUTIERREZ, A. - CHABOY, J. - DIAZ-FERNANDEZ, D. - CASTRO, G.R. - SORIANO, L. In JOURNAL OF MATERIALS SCIENCE. APR 2014, vol. 49, no. 7, p. 2773-2780., WOS
[1.1] FARHADI, S. - ROOSTAEI-ZANIYANI, Z. In POLYHEDRON. APR 27 2011, vol. 30, no. 7, p. 1244-1249., WOS
[1.1] FARHADI, S. - ROOSTAEI-ZANIYANI, Z. In POLYHEDRON. APR 13 2011, vol. 30, no. 6, p. 971-975., WOS
[1.1] GANDHI, A.C. - HUANG, C.Y. - YANG, C.C. - CHAN, T.S. - CHENG, C.L. - MA, Y.R. - WU, S.Y. In NANOSCALE RESEARCH LETTERS. AUG 8 2011, vol. 6., WOS
[1.1] GOWTHAMI, V. - MEENAKSHI, M. - PERUMAL, P. - SIVAKUMA, R. - SANJEEVIRAJA, C. In MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING. NOV 2014, vol. 27, p. 1042-1049., WOS
[1.1] GOWTHAMI, V. - PERUMAL, P. - SIVAKUMAR, R. - SANJEEVIRAJA, C. In PHYSICA B-CONDENSED MATTER. NOV 1 2014, vol. 452, p. 1-6., WOS
[1.1] GUO, H. - WANG, Y.P. - WANG, W. - LIU, L.X. - GUO, Y.Y. - YANG, X.J. - WANG, S.X. In PARTICLE & PARTICLE SYSTEMS CHARACTERIZATION. MAR 2014, vol. 31, no. 3, p. 374-381., WOS
[1.1] HAMID, M.A.A. - ABU BAKAR, M. - JALAR, A. - SHAMSUDIN, R. - AHMAD, I. In NEW MATERIALS, APPLICATIONS AND PROCESSES, PTS 1-3. 2012, vol. 399-401, p. 581-584., WOS
[1.1] HASAN, N. - AHMAD, F. - WU, H.F. In TALANTA. JAN 15 2013,

vol. 103, p. 38-46., WOS
[1.1] HAYAT, K. - GONDAL, M.A. - KHALED, M.M. - AHMED, S. In JOURNAL OF MOLECULAR CATALYSIS A-CHEMICAL. FEB 14 2011, vol. 336, no. 1-2, p. 64-71., WOS
[1.1] HOSNY, N.M. In POLYHEDRON. FEB 21 2011, vol. 30, no. 3, p. 470-476., WOS
[1.1] JIANG, W.T. - NI, J.A. - YU, K. - ZHU, Z.Q. In APPLIED SURFACE SCIENCE. FEB 1 2011, vol. 257, no. 8, p. 3253-3258., WOS
[1.1] KALAM, A. - AL-SEHEMI, A.G. - AL-SHIHRI, A.S. - DU, G.H. - AHMAD, T. In MATERIALS CHARACTERIZATION. JUN 2012, vol. 68, p. 77-81., WOS
[1.1] KARPINSKI, A. - FERREC, A. - RICHARD-PLOUET, M. - CATTIN, L. - DJOUADI, M.A. - BROHAN, L. - JOUAN, P.Y. In THIN SOLID FILMS. FEB 29 2012, vol. 520, no. 9, p. 3609-3613., WOS
[1.1] KHALAJI, A.D. In JOURNAL OF CLUSTER SCIENCE. MAR 2013, vol. 24, no. 1, p. 189-195., WOS
[1.1] KHALAJI, A.D. In JOURNAL OF CLUSTER SCIENCE. MAR 2013, vol. 24, no. 1, p. 209-215., WOS
[1.1] KIM, D.S. - LEE, H.C. In JOURNAL OF APPLIED PHYSICS. AUG 1 2012, vol. 112, no. 3., WOS
[1.1] LIU, L.X. - GUO, Y.Y. - WANG, Y.P. - YANG, X.J. - WANG, S.X. - GUO, H. In ELECTROCHIMICA ACTA. DEC 30 2013, vol. 114, p. 42-47., WOS
[1.1] MASOOMI, M.Y. - MORSALI, A. In COORDINATION CHEMISTRY REVIEWS. DEC 2012, vol. 256, no. 23-24, p. 2921-2943., WOS
[1.1] MOGHADDAM, J. - HASHEMI, E. In KOREAN JOURNAL OF CHEMICAL ENGINEERING. MAR 2014, vol. 31, no. 3, p. 503-508., WOS
[1.1] MOLAEI, R. - BAYATI, M.R. - ALIPOUR, H.M. - NORI, S. - NARAYAN, J. In JOURNAL OF APPLIED PHYSICS. JUN 21 2013, vol. 113, no. 23., WOS
[1.1] NALAGE, S.R. - CHOUGULE, M.A. - SEN, S. - PATIL, V.B. In JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS. JAN 2013, vol. 24, no. 1, p. 368-375., WOS
[1.1] RASHAD, M.M. - HASSAN, A.M. - NASSAR, A.M. - IBRAHIM, N.M. - MOURTADA, A. In APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING. NOV 2014, vol. 117, no. 2, p. 877-890., WOS
[1.1] REDDY, A.M. - JOO, S.K. - REDDY, A.S. - REDDY, P.S. In JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS. SEP-OCT 2012, vol. 14, no. 9-10, p. 763-768., WOS
[1.1] RUBIO-MARCOS, F. - MANZANO, C.V. - REINOSA, J.J. - LORITE, I. - ROMERO, J.J. - FERNANDEZ, J.F. - MARTIN-GONZALEZ, M.S. In JOURNAL OF ALLOYS AND COMPOUNDS. FEB 10 2011, vol. 509, no. 6, p. 2891-2896., WOS
[1.1] SAMIEY, B. - FARHADI, S. In ACTA CHIMICA SLOVENICA. 2013, vol. 60, no. 4, p. 763-773., WOS
[1.1] SEKIYA, K. - NAGATO, K. - HAMAGUCHI, T. - NAKAO, M. In MICROELECTRONIC ENGINEERING. OCT 2012, vol. 98, p. 532-535., WOS
[1.1] SHARMA, R. - ACHARYA, A.D. - MOGHE, S. - SHRIVASTAVA, S.B. - GANGRADE, M. - SHRIPATHI, T. - GANESAN, V. In MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING. JUL 2014, vol. 23, p. 42-49.,

WOS
[1.1] SHIN, Y. - HWANG, Y. - UM, Y. - TUAN, D.A. - CHO, S. - PARK, H. In JOURNAL OF THE KOREAN PHYSICAL SOCIETY. SEP 2013, vol. 63, no. 6, p. 1199-1202., WOS
[1.1] SHI, J.S. - WU, E.D. In MICROPOROUS AND MESOPOROUS MATERIALS. MAR 1 2013, vol. 168, p. 188-194., WOS
[1.1] TAHMASIAN, A. - MORSALI, A. In INORGANICA CHIMICA ACTA. MAY 30 2012, vol. 387, p. 327-331., WOS
[1.1] TEOH, L.G. - LI, K.D. In MATERIALS TRANSACTIONS. 2012, vol. 53, no. 12, p. 2135-2140., WOS
[1.1] VU, T.T.D. - MIGHRI, F. - AJJI, A. - DO, T.O. In INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH. MAR 12 2014, vol. 53, no. 10, p. 3888-3897., WOS
[1.1] WANG, T. - JIANG, X. - WU, L.G. - LIU, F. In NANO. FEB 2011, vol. 6, no. 1, p. 67-74., WOS
[1.1] XIE, Q.S. - GUO, H.Z. - ZHANG, X.X. - LU, A.L. - ZENG, D.Q. - CHEN, Y.Z. - PENG, D.L. In RSC ADVANCES. 2013, vol. 3, no. 46, p. 24430-24439., WOS
[1.1] ZHAO, J.B. - WU, L.L. - ZOU, K. In MATERIALS RESEARCH BULLETIN. DEC 2011, vol. 46, no. 12, p. 2427-2432., WOS
[1.2] Das, N.S., Chattopadhyay, K.K., Saha, B., Thapa, R. In International Journal of Nanoscience 10 (2011) , pp. 985-988, SCOPUS
[1.2] Teoh, L.G., Li, K.-D. Materials Transactions 53 (2012) , pp. 2135-2140, SCOPUS
[1.2] Wan, M., Verma, S.K., Pandey, D.K., Yadav, R.R.: Proceedings of the Meetings on Acoustics 19 (2013) 045024, SCOPUS
[1.2] Wu, J.-R. , Lin, W.-M., Chen, S.-Z., Zou, H.-B.: Huanan Ligong Daxue Xuebao/J. South China University of Technology (Natural Sci) 41 (2013) 135-141+146, SCOPUS

ADCA222 HOTOVÝ, I. - HURAN, Jozef - SPIESS, L. - ČAPKOVIČ, R. - HAŠČÍK, Štefan. Preparation and characterization of NiO thin films for gas sensor applications. In *Vacuum*, 2000, vol. 58, p. 300-307. (0.510 - IF1999). (2000 - Current Contents).
Ohlasy:
[1.1] BEN AMOR, M. - BOUKHACHEM, A. - BOUBAKER, K. - AMLOUK, M. In MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING. NOV 2014, vol. 27, p. 994-1006., WOS
[1.1] CASTRO-HURTADO, I. - MALAGU, C. - MORANDI, S. - PEREZ, N. - MANDAYO, G.G. - CASTANO, E. In ACTA MATERIALIA. FEB 2013, vol. 61, no. 4, p. 1146-1153., WOS
[1.1] DA SILVA, M.R. - SCALVI, L.V.A. - DALL'ANTONIA, L.H. - DOS SANTOS, D.I. In JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS. JUN 2013, vol. 24, no. 6, p. 1823-1831., WOS
[1.1] DEORE, M.K. In SENSOR LETTERS. OCT 2013, vol. 11, no. 10, p. 1919-1924., WOS
[1.1] DING, Y. - WANG, Y. - ZHANG, L.C. - ZHANG, H. - LEI, Y. In JOURNAL OF MATERIALS CHEMISTRY. 2012, vol. 22, no. 3, p. 980-986., WOS
[1.1] EL-KEMARY, M. - NAGY, N. - EL-MEHASSEB, I. In MATERIALS

SCIENCE IN SEMICONDUCTOR PROCESSING. DEC 2013, vol. 16, no. 6, p. 1747-1752., WOS
[1.1] FARAG, A.A.M. - OBADA, M.K. - MAHMOUD, M.E. In POLYHEDRON. MAR 20 2014, vol. 71, p. 75-84., WOS
[1.1] FARHADI, S. - ROOSTAEI-ZANIYANI, Z. In POLYHEDRON. APR 27 2011, vol. 30, no. 7, p. 1244-1249., WOS
[1.1] GUZIEWICZ, M. - GROCHOWSKI, J. - BORYSIEWICZ, M. - KAMINSKA, E. - DOMAGALA, J.Z. - RZODKIEWICZ, W. - WITKOWSKI, B.S. - GOLASZEWSKA, K. - KRUSZKA, R. - EKIELSKI, M. - PIOTROWSKA, A. In OPTICA APPLICATA. 2011, vol. 41, no. 2, p. 431-440., WOS
[1.1] NALAGE, S.R. - CHOUGULE, M.A. - SEN, S. - PATIL, V.B. In JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS. JAN 2013, vol. 24, no. 1, p. 368-375., WOS
[1.1] REDDY, Y.A.K. - REDDY, A.S. - REDDY, P.S. In JOURNAL OF ALLOYS AND COMPOUNDS. JAN 15 2014, vol. 583, p. 396-403., WOS
[1.1] REDDY, Y.A.K. - REDDY, A.S. - REDDY, P.S. In SCIENCE OF ADVANCED MATERIALS. JAN 2014, vol. 6, no. 1, p. 178-188., WOS
[1.1] SHARMA, R. - ACHARYA, A.D. - SHRIVASTAVA, S.B. - SHRIPATHI, T. - GANESAN, V. In OPTIK. 2014, vol. 125, no. 22, p. 6751-6756., WOS
[1.1] SOLEIMANPOUR, A.M. - JAYATISSA, A.H. In MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS. DEC 1 2012, vol. 32, no. 8, p. 2230-2234., WOS
[1.1] SOLEIMANPOUR, A.M. - KHARE, S.V. - JAYATISSA, A.H. In ACS APPLIED MATERIALS & INTERFACES. SEP 2012, vol. 4, no. 9, p. 4651-4657., WOS
[1.1] SOLEIMANPOUR, A.M. - HOU, Y. - JAYATISSA, A.H. In SENSORS AND ACTUATORS B-CHEMICAL. JUN 2013, vol. 182, p. 125-133., WOS
[1.1] TEOH, L.G. - LI, K.D. In MATERIALS TRANSACTIONS. 2012, vol. 53, no. 12, p. 2135-2140., WOS
[1.1] WANG, B.C. - NISAR, J. - AHUJA, R. In ACS APPLIED MATERIALS & INTERFACES. OCT 2012, vol. 4, no. 10, p. 5691-5697., WOS
[1.2] Grochowski, J., Guziewicz, M., Borysiewicz, M., Sidor, Z., Kruszka, R., Piotrowska, A. In Proceedings of the International Spring Seminar on Electronics Technology , 2011,art. no. 6053551 , pp. 63-67, SCOPUS
[1.2] Kumar, R., Baratto, C., Faglia, G., Sberveglieri, G., Bontempi, E., Borgese, L.: 2014 Lecture Notes in Electrical Engineering 268 LNEE, pp. 121-125, SCOPUS
[1.2] Mathiyan, J., Sivalingam, D.,Gopalakrishnan, J.B., Rayappan, J.B.B. Journal of Applied Sciences 12 (2012) , pp. 1686, SCOPUS
[1.2] Soleimanpour, A.M., Jayatissa, A.H. In 2011 International Semiconductor Device Research Symposium, ISDRS 2011 , art. no. 6135379, SCOPUS
[1.2] Teoh, L.G., Li, K.-D. Materials Transactions 53 (2012) , pp. 2135, SCOPUS

ADCA223 HOTOVÝ, I. - HURAN, Jozef - SICILIANO, P. - CAPONE, S. - SPIESS, L. - REHACEK, V. The Influence of preparation parameters on NiO thin film properties

for gas-sensing application. In *Sensors and Actuators B : Chemical*, 2001, vol. 78, p. 126-132.

Ohlasy:

[1.1] BOUKHACHEM, A. - BOUGHALMI, R. - KARYAOUI, M. - MHAMDI, A. - CHTOUROU, R. - BOUBAKER, K. - AMLOUK, M. In MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS. OCT 2014, vol. 188, p. 72-77., WOS

[1.1] CASTRO-HURTADO, I. - HERRAN, J. - MANDAYO, G.G. - CASTANO, E. In THIN SOLID FILMS. ISSN 0040-6090, NOV 30 2011, vol. 520, no. 3, p. 947-952., WOS

[1.1] CASTRO-HURTADO, I. - MALAGU, C. - MORANDI, S. - PEREZ, N. - MANDAYO, G.G. - CASTANO, E. In ACTA MATERIALIA. FEB 2013, vol. 61, no. 4, p. 1146-1153., WOS

[1.1] DONG, Q. - YIN, S. - GUO, C.S. - WU, X.Y. - KUMADA, N. - TAKEI, T. - MIURA, A. - YONESAKI, Y. - SATO, T. In APPLIED CATALYSIS B-ENVIRONMENTAL. APR 5 2014, vol. 147, p. 741-747., WOS

[1.1] DU, Y. - WANG, W.N. - LI, X.W. - ZHAO, J. - MA, J.M. - LIU, Y.P. - LU, G.Y. In MATERIALS LETTERS. FEB 1 2012, vol. 68, p. 168-170., WOS

[1.1] GARCIA-CERDA, L.A. - BERNAL-RAMOS, K.M. - MONTEMAYOR, S.M. - QUEVEDO-LOPEZ, M.A. - BETANCOURT-GALINDO, R. - BUENO-BAQUES, D. In JOURNAL OF NANOMATERIALS. 2011., WOS

[1.1] GARDUNO-WILCHES, I. - ALONSO, J.C. In INTERNATIONAL JOURNAL OF HYDROGEN ENERGY. APR 1 2013, vol. 38, no. 10, p. 4213-4219., WOS

[1.1] GUPTA, P. - DUTTA, T. - MAL, S. - NARAYAN, J. In JOURNAL OF APPLIED PHYSICS. JAN 1 2012, vol. 111, no. 1., WOS

[1.1] GUTIERREZ, A. - DOMINGUEZ-CANIZARES, G. - JIMENEZ, J.A. - PREDA, I. - DIAZ-FERNANDEZ, D. - JIMENEZ-VILLACORTA, F. - CASTRO, G.R. - CHABOY, J. - SORIANO, L. In APPLIED SURFACE SCIENCE. JUL 1 2013, vol. 276, p. 832-837., WOS

[1.1] HORAK, P. - BEJSOVEC, V. - LAVRENTIEV, V. - KHUN, J. - VRNATA, M. In NANOCON 2011. 2011, p. 674-677., WOS

[1.1] JANA, S. - SAMAI, S. - MITRA, B.C. - BERA, P. - MONDAL, A. In DALTON TRANSACTIONS. SEP 14 2014, vol. 43, no. 34, p. 13096-13104., WOS

[1.1] KIM, K.H. - TAKAHASHI, C. - ABE, Y. - KAWAMURA, M. In OPTIK. 2014, vol. 125, no. 12, p. 2899-2901., WOS

[1.1] LIN, Liyang - LIU, Tianmo - MIAO, Bin - ZENG, Wen. In MATERIALS RESEARCH BULLETIN. FEB 2013, vol. 48, no. 2, p. 449-454., WOS

[1.1] LI, G.H. - WANG, X.W. - DING, H.Y. - ZHANG, T. In RSC ADVANCES. 2012, vol. 2, no. 33, p. 13018-13023., WOS

[1.1] MOLAEI, R. - BAYATI, M.R. - NARAYAN, J. In JOURNAL OF MATERIALS RESEARCH. DEC 2012, vol. 27, no. 24, p. 3103-3109., WOS

[1.1] OFFIAH, S.U. - NWODO, M.O. - NWANYA, A.C. - EZUGWU, S.C. - AGBO, S.N. - UGWUOKE, P.U. - OSUJI, R.U. - MALIK, M. - EZEMA, F.I. In OPTIK. 2014, vol. 125, no. 12, p. 2905-2908., WOS

[1.1] PARK, H.W. - BANG, J.H. - HUI, K.N. - SONG, P.K. - CHEONG,

W.S. - KANG, B.S. In MATERIALS LETTERS. MAY 1 2012, vol. 74, p. 30-32., WOS
[1.1] PRESTO, S. - GIRAUD, D. - TESTINO, A. - BOTTINO, C. - VIVIANI, M. - BUSCAGLIA, V. In THIN SOLID FILMS. FEB 3 2014, vol. 552, p. 1-9., WOS
[1.1] REDDY, A.M. - JOO, S.K. - BYUN, C.W. - REDDY, A.S. - REDDY, P.S. In OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS. NOV-DEC 2012, vol. 6, no. 11-12, p. 1041-1045., WOS
[1.1] REDDY, A.M. - REDDY, A.S. - LEE, K.S. - REDDY, P.S. In CERAMICS INTERNATIONAL. ISSN 0272-8842, SEP 2011, vol. 37, no. 7, p. 2837-2843., WOS
[1.1] REDDY, A.M. - REDDY, A.S. - REDDY, R.S. In VACUUM. ISSN 0042-207X, MAR 25 2011, vol. 85, no. 10, p. 949-954., WOS
[1.1] REDDY, A.M. - REDDY, A.S. - REDDY, P.S. In ADVANCES IN NANOSCIENCE AND NANOTECHNOLOGY. 2013, vol. 678, p. 361-364., WOS
[1.1] REDDY, Y.A.K. - REDDY, A.S. - REDDY, P.S. In JOURNAL OF ALLOYS AND COMPOUNDS. JAN 15 2014, vol. 583, p. 396-403., WOS
[1.1] REDDY, Y.A.K. - REDDY, A.S. - REDDY, P.S. In SCIENCE OF ADVANCED MATERIALS. JAN 2014, vol. 6, no. 1, p. 178-188., WOS
[1.1] VALLADARES, L.D. - IONESCU, A. - HOLMES, S. - BARNES, C.H.W. - DOMINGUEZ, A.B. - QUISPE, O.A. - GONZALEZ, J.C. - MILANA, S. - BARBONE, M. - FERRARI, A.C. - RAMOS, H. - MAJIMA, Y. In JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B. SEP 2014, vol. 32, no. 5., WOS
[1.1] WANG, B.C. - NISAR, J. - AHUJA, R. In ACS APPLIED MATERIALS & INTERFACES. OCT 2012, vol. 4, no. 10, p. 5691-5697., WOS
[1.1] WU, P. - SUN, J.H. - HUANG, Y.Y. - CU, G.F. - TONG, D.G. In MATERIALS LETTERS. SEP 1 2012, vol. 82, p. 191-194., WOS
[1.1] ZHU, Z.F. - ZHANG, Y.L. - LIU, H. - WEI, N. In SUPERLATTICES AND MICROSTRUCTURES. FEB 2012, vol. 51, no. 2, p. 232-238., WOS
[1.2] Castro-Hurtado, I., Mandayo, G.G., Castano, E. In Proceedings of the 8th Spanish Conference on Electron Devices, CDE'2011 (2011), art. no. 5744198, SCOPUS
[1.2] Grochowski, J., Guziewicz, M., Borysiewicz, M., Sidor, Z., Kruszka, R., Piotrowska, A. In Proceedings of the International Spring Seminar on Electronics Technology , art. no. 6053551 , pp. 63-67, SCOPUS
[1.2] Khafag, M.G., Mahmoud, H.H., Ashiry, A., Israr, M.Q., Battisha, I.K. In Australian Journal of Basic and Applied Sciences 5 (2011) , pp. 287-295, SCOPUS
[1.2] Mathiyan, J., Sivalingam, D.,Gopalakrishnan, J.B., Rayappan, J.B.B. Journal of Applied Sciences 12 (2012) , pp. 1686, SCOPUS

ADCA224 HOTOVÝ, I. - HURAN, Jozef - BÚC, D. - SRNÁNEK, R. Thermal stability of NbN films deposited on GaAs substrates. In *Vacuum*, 1998, vol. 50, p. 45-48. (0.480 - IF1997). (1998 - Current Contents).

Ohlasy:
[1.1] FARHA, A.H. - ER, A.O. - UFUKTEPE, Y. - MYNENI, G. - ELSAYED-ALI, H.E. In APPLIED SURFACE SCIENCE. DEC 1 2011, vol. 258, no. 4, p. 1613-1618., WOS

[1.1] FARHA, A.H. - ER, A.O. - UFUKTEPE, Y. - ELSAYED-ALI, H.E. In MATERIALS AND MANUFACTURING TECHNOLOGIES XIV. 2012, vol. 445, p. 667-672., WOS

[1.1] SHIN, H. - CHOI, S.B. - YU, C.J. - KIM, J.Y. In JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY. MAY 2011, vol. 11, no. 5, p. 4629-4632., WOS

ADCA225 HRIVNÁK, Ľubomír. Band-gap narrowing in semiinsulating gallium-arsenide. In *Journal of Applied Physics*. - New York : American Institute of Physics, 1987, vol. 62, p. 3228-3233. ISSN 0021-8979.

Ohlasy:

[1.1] CICHY, B. - WAWRZYNCZYK, D. - BEDNARKIEWICZ, A. - SAMOC, M. - STREK, W. In RSC ADVANCES. 2014, vol. 4, no. 64, p. 34065-34072., WOS

[1.2] Chen, Y.-F., Juang, F.-S., Ho, J. and Wu, R. In Processing and Properties of Advanced Ceramics and Composites VI: Ceramic Transactions, Vol. 249 John Wiley & Sons 2014. P. 165, SCOPUS

ADCA226 HRIVNÁK, Ľubomír. Conduction-band discontinuities of strained and unstrained - layer InxGa1-xAs/GaAs and InxGa1-xAs/inP heterojunctions and quantum wells. In *Physica Status Solidi A*, 1991, vol. 124, p. K111.

Ohlasy:

[1.1] PELA, R.R. - TELES, L.K. - MARQUES, M. - MARTINI, S. In JOURNAL OF APPLIED PHYSICS. JAN 21 2013, vol. 113, no. 3., WOS

ADCA227 HRIVNÁK, Ľubomír. Exciton binding energy as a function of the well width. In *Journal of Applied Physics*, 1992, vol. 72, p. 3218.

Ohlasy:

[1.1] CICHY, B. - BEDNARKIEWICZ, A. - STREK, W. In JOURNAL OF OPTICS. AUG 2013, vol. 15, no. 8., WOS

[1.1] CICHY, B. - WAWRZYNCZYK, D. - BEDNARKIEWICZ, A. - SAMOC, M. - STREK, W. In RSC ADVANCES. 2014, vol. 4, no. 64, p. 34065-34072., WOS

[1.1] SEK, G. - KUDRAWIEC, R. - PODEMSKI, P. - MISIEWICZ, J. - SOMERS, A. - HOFLING, S. - REITHMAIER, J.P. - KAMP, M. - FORCHEL, A. In JOURNAL OF APPLIED PHYSICS. AUG 1 2012, vol. 112, no. 3., WOS

ADCA228 HRIVNÁK, Ľubomír. Semiinsulating GaAs. In *Czechoslovak Journal of Physics B*, 1984, vol. 34, p. 436.

Ohlasy:

[1.1] BUDNITSKII, D.L. - NOVIKOV, V.A. - TOLBANOV, O.P. - YASKEVICH, T.M. In RUSSIAN PHYSICS JOURNAL. JUL 2011, vol. 54, no. 2, p. 244-247., WOS

ADCA229 HRIVNÁK, Ľubomír. Simple calculations of energy levels in quantum wells of lattice-matched semiconductors with nonparabolic bands. In *Journal of Applied Physics*, 1992, vol. 71, p. 4370-4374. (1.731 - IF1991). (1992 - Current Contents, SCOPUS). ISSN 0021-8979.

Ohlasy:

[1.1] GOMES, U.P. - CHEN, Y.Q. - KABI, S. - CHOW, P. - BISWAS, D. In

CURRENT APPLIED PHYSICS. MAY 2013, vol. 13, no. 3, p. 487-492., WOS
[1.1] REUBEN, A.M.J.D. - VARSHNEY, D. - JAYAKURNAR, K. In JOURNAL OF COMPUTATIONAL AND THEORETICAL NANOSCIENCE. FEB 2011, vol. 8, no. 2, p. 189-193., WOS

ADCA230 HRUBČÍN, Ladislav - HURAN, Jozef - ŠANDRIK, R. - KOBZEV, A.P. - SHIROKOV, D.M. Application of the ERD method for hydrogen determination in silicon (oxy)nitride thin films prepared by ECR plasma deposition. In *Nuclear Instruments and Methods in Physics Research B*, 1994, vol. 85, p. 60.

Ohlasy:

[1.1] DIDYK, A.Y. - IVANOV, L.I. - KROKHIN, O.N. - NIKULIN, V.Y. - MAIOROV, A.N. In DOKLADY PHYSICS. JAN 2012, vol. 57, no. 1, p. 7-9., WOS

[1.2] Didyk, A.Y. Physics of Particles and Nuclei Letters, 9 (2012), pp. 186-191, SCOPUS

[1.2] Didyk, A.Y., Haewska, E., Hofman, A., Kulikauskas, V.S., Serushkin, S.V.: Journal of Surface Investigation 8 (2014), pp. 814-820, SCOPUS

[1.2] Didyk, A.Y., Wiśniewski, R., Kitowski, K., Kulikauskas, V., Wilczynska, T., Hofman, A., Shiryaev, A.A., Zubavichus, Y.V. Physics of Particles and Nuclei Letters, 9 (2012), pp. 86-95, SCOPUS

[1.2] Didyk, A.Y., Wiśniewski, R., Wilczynska, T., Kitowski, K., Hofman, A. Physics of Particles and Nuclei Letters, 9 (2012), pp. 80-85, SCOPUS

[1.2] Didyk, A.Y.: Physics of Particles and Nuclei Letters, 9 (2012) pp. 253-258, SCOPUS

ADCA231 HUDEC, Boris - HUŠEKOVÁ, Kristína - DOBROČKA, Edmund - AARIK, J. - RAMMULA, R. - KASIKOV, A. - TARRE, A. - VINCZE, A. - FRÖHLICH, Karol. Atomic layer deposition grown metal-insulator-metal capacitors with RuO2 electrodes and Al-doped rutile TiO2 dielectric layer. In *Journal of Vacuum Science and Technology B*, 2011, vol. 29, 01AC09. (1.268 - IF2010). (2011 - Current Contents). ISSN 1071-1023.

Ohlasy:

[1.1] JEON, W. - YOO, S. - KIM, H. K. - LEE, W. - AN, C. H. - CHUNG, M. J. - CHO, C. J. - KIM, S. K. - HWANG, C. S. In ACS APPLIED MATERIALS & INTERFACES. DEC 20 2014, vol. 6, no. 23, p. 21632-21637., WOS

[1.1] KAYNAK, C.B. - LUKOSIUS, M. - TILLACK, B. - WENGER, C. - ABRUTIS, A. - SKAPAS, M. In THIN SOLID FILMS. MAY 1 2012, vol. 520, no. 14, SI, p. 4518-4522., WOS

[1.1] YOTA, J. In GRAPHENE, GE/III-V, AND EMERGING MATERIALS FOR POST CMOS APPLICATIONS 5. 2013, vol. 53, no. 1, p. 281-294., WOS

[1.1] YOTA, J. - SHEN, H. - RAMANATHAN, R. In JOURNAL OF VACUUM SCIENCE & TECHNOLOGY A. JAN-FEB 2013, vol. 31, no. 1., WOS

[1.2] Yota, J. Journal of ECS Transactions 53 (2013) 281, SCOPUS

ADCA232 HUDEC, Boris - HUŠEKOVÁ, Kristína - TARRE, A. - HAN, J.H. - HAN, S. - ROSOVÁ, Alica - LEE, W. - KASIKOV, A. - SONG, S.J. - AARIK, J. - HWANG, C.S. - FRÖHLICH, Karol. Electrical properties of TiO2-based MIM capacitors deposited by TiCl4 and TTIP based atomic layer deposition processes. In

Microelectronic Engineering, 2011, vol. 88, p. 1514-1516. (1.569 - IF2010). (2011 - Current Contents). ISSN 0167-9317.

Ohlasy:

[1.1] AVRIL, L. - REYMOND-LARUINAZ, S. - DECAMS, J. M. - BRUYERE, S. - POTIN, V. - DE LUCAS, M. C. Marco - IMHOFF, L. In APPLIED SURFACE SCIENCE. JAN 1 2014, vol. 288, p. 201-207., WOS

[1.1] BAYATI, M.R. - JOSHI, S. - NARAYAN, R.J. - NARAYAN, J. In JOURNAL OF MATERIALS RESEARCH. JUL 2013, vol. 28, no. 13, SI, p. 1669-1679., WOS

[1.1] JEON, W. - YOO, S. - KIM, H. K. - LEE, W. - AN, C. H. - CHUNG, M. J. - CHO, C. Ji. - KIM, S. K. - HWANG, C.S. In ACS APPLIED MATERIALS & INTERFACES. DEC 20 2014, vol. 6, no. 23, p. 21632-21637., WOS

[1.1] KACZER, B. - CLIMA, S. - TOMIDA, K. - GOVOREANU, B. - POPOVICI, M. - KIM, M.S. - SWERTS, J. - BELMONTE, A. - WANG, W.C. - AFANAS'EV, V.V. - VERHULST, A.S. - POURTOIS, G. - GROESENEKEN, G. - JURCZAK, M. In JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B. JAN 2013, vol. 31, no. 1., WOS

[1.1] PADMANABHAN, R. - BHAT, N. - MOHAN, S. In PHYSICS OF SEMICONDUCTOR DEVICES. 2014, p. 37-39., WOS

[1.1] PARK, J.-Y. - YEO, S. - CHEON, T. - KIM, S.-H. - KIM, M.-K. - KIM, H. - HONG, T. E. - LEE, D.-J. In JOURNAL OF ALLOYS AND COMPOUNDS. OCT 15 2014, vol. 610, p. 529-539., WOS

ADCA233 HUDEC, Boris - HUŠEKOVÁ, Kristína - ROSOVÁ, Alica - ŠOLTÝS, Ján - RAMMULA, R. - KASIKOV, A. - UUSTARE, T. - MIČUŠÍK, Matej - OMASTOVÁ, Mária - AARIK, J. - FRÖHLICH, Karol. Impact of plasma treatment on electrical properties of TiO2/RuO2 based DRAM capacitor. In *Journal of Physics D: Applied Physics*, 2013, vol. 46, 385304. (2.528 - IF2012). (2013 - Current Contents, WOS, SCOPUS). ISSN 0022-3727.

Ohlasy:

[1.1] JEON, W. - LEE, W. - YOO, Y. W. - AN, C. H. - HAN, J. H. - KIM, S. K. - HWANG, C. S. In JOURNAL OF MATERIALS CHEMISTRY C. 2014, vol. 2, no. 46, p. 9993-10001., WOS

[1.1] JEON, W. - YOO, S. - KIM, H. K. - LEE, W. - AN, C. H. - CHUNG, M. J. - CHO, C. J. - KIM, S. K. - HWANG, C. S. In ACS APPLIED MATERIALS & INTERFACES. DEC 20 2014, vol. 6, no. 23, p. 21632-21637., WOS

[1.1] POINTET, J. - GONON, P. - LATU-ROMAIN, L. - BSIESY, A. - VALLEE, C. In JOURNAL OF VACUUM SCIENCE & TECHNOLOGY A. JAN 2014, vol. 32, no. 1., WOS

[1.1] WANG, W. - GUO, S. - LEE, I. - AHMED, K. - ZHONG, J. - FAVORS, Z. - ZAERA, F. - OZKAN, M. - OZKAN, C. S. In SCIENTIFIC REPORTS. MAR 25 2014, vol. 4., WOS

ADCA234 HUGHES, T. - YANG, T. - BEDUZ, C. - YI, Z. - JANŠÁK, Lubomil - MAHDI, A.E. - STOLL, R.L. - SYKULSKI, J.K. - HARRIS, M.R. Measurements of self-field AC losses in PbBi-2223 Ag sheathed tapes. In *Physica C*, 1994, vol. 235-240, p. 3423.

Ohlasy:
[1.1] KRUGER, P. - GRILLI, F. - VOJENCIAK, M. - ZERMENO, V.M.R. - DEMENCIK, E. - FARINON, S. In APPLIED PHYSICS LETTERS. MAY 20 2013, vol. 102, no. 20., WOS

ADCA235 HURAN, Jozef - HOTOVÝ, I. - PETZOLD, J. - BALALYKIN, N.I. - KOBZEV, A.P. Effect of deposition temperature on the properties of amorphous silicon carbide thin films. In *Thin Solid Films*, 2006, vol. 515, p. 651-653. (2006 - Current Contents). ISSN 0040-6090.
Ohlasy:
[1.1] KIM, B.H. - YANG, K.S. - WOO, H.G. - KIM, S.Y. In JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY. AUG 2011, vol. 11, no. 8, p. 7119-7123., WOS
[1.1] KIM, S.Y. - KIM, B.H. - YANG, K.S. - KIM, K.Y. In MATERIALS LETTERS. MAR 15 2012, vol. 71, p. 74-77., WOS
[1.1] MEDEIROS, H.S. - PESSOA, R.S. - MACIEL, H.S. - MASSI, M. - TEZANI, L.L. - LEAL, G. - GALVAO, N.K.A.M. - SOBRINHO, A.S.D. In MICROELECTRONICS TECHNOLOGY AND DEVICES - SBMICRO 2012. 2012, vol. 49, no. 1, p. 375-382., WOS
[1.1] MERAZGA, S. - BRIGHET, A. - KEFFOUS, A. - MIROUH, K. - GUERBOUS, L. - BELKACEM, Y. - KECHOUANE, M. In INTERNATIONAL JOURNAL OF NANOTECHNOLOGY. 2013, vol. 10, no. 5-7, p. 587-596., WOS

ADCA236 HURAN, Jozef - HOTOVÝ, I. - KOBZEV, A.P. - BALALYKIN, N.I. Further studies of N doped a-SiC:H films deposited by PECVD and annealed by pulse electron beam. In *Thin Solid Films : International Journal on the Science and Technology of Thin and Thick Films*, 2004, vol. 459, p. 149-151. ISSN 0040-6090.
Ohlasy:
[1.1] FRAGA, M.A. - MASSI, M. - OLIVEIRA, I.C. - ORIGO, F.D. - MIYAKAWA, W. In BULLETIN OF MATERIALS SCIENCE. DEC 2011, vol. 34, no. 7, p. 1375-1378., WOS

ADCA237 HURAN, Jozef - ZAŤKO, Bohumír - HOTOVÝ, I. - PETZOLD, J. - KOBZEV, A.P. - BALALYKIN, N.I. PECVD silicon carbide deposited at different temperatures. In *Czechoslovak journal of physics B.* - Praha : Academia, 2006, vol. 56, p. S1207-S1211. (0.360 - IF2005). (2006 - Current Contents, WOS, SCOPUS). ISSN 0011-4626.
Ohlasy:
[1.1] CHENG, C.H. - WU, C.L. - CHEN, C.C. - TSAI, L.H. - LIN, Y.H. - LIN, G.R. In IEEE PHOTONICS JOURNAL. OCT 2012, vol. 4, no. 5, p. 1762-1775., WOS

ADCA238 HURAN, Jozef - ŠAFRÁNKOVÁ, Jaroslava - KOBZEV, A.P. Preparation of hydrogenated amorphous silicon carbide thin films by plasma inhanced chemical vapour deposition. In *Vacuum*, 1998, vol. 50, p. 103-105. (0.480 - IF1997). (1998 - Current Contents).
Ohlasy:
[1.1] TORCHANI, A. - GHARBI, R. - ABDELKRIM, M. - FATHALLAH,

M. - TRESSO, E. In SENSOR LETTERS. DEC 2011, vol. 9, no. 6, SI, p. 2182-2185., WOS

ADCA239 HURAN, Jozef - HRUBČÍN, Ladislav - KOBZEV, A.P. - LIDAY, J. Properties of amorphous silicon carbide films prepared by PECVD technology. In *Vacuum*, 1996, vol. 47, p. 1223-1225. (1996 - Current Contents).

Ohlasy:

[1.1] LIN, G.R. - LO, T.C. - TSAI, L.H. - PAI, Y.H. - CHENG, C.H. - WU, C.I. - WANG, P.S. In JOURNAL OF THE ELECTROCHEMICAL SOCIETY. 2012, vol. 159, no. 2, p. K35-K41., WOS

[1.1] LI, M. - CHENG, Y. - ZHENG, Y.F. - ZHANG, X. - XI, T.F. - WEI, S.C. In APPLIED SURFACE SCIENCE. JAN 15 2012, vol. 258, no. 7, p. 3074-3081., WOS

[1.1] LO, T.C. - TSAI, L.H. - CHENG, C.H. - WANG, P.S. - PAI, Y.H. - WU, C.I. - LIN, G.R. In JOURNAL OF NON-CRYSTALLINE SOLIDS. SEP 1 2012, vol. 358, no. 17, SI, p. 2126-2129., WOS

[1.2] Cheng, C.-H., Lin, G.-R.: Optics InfoBase Conference Papers 2014. OSA ISBN 155752999X, SCOPUS

ADCA240 HURAN, Jozef - VALOVIČ, Albín - BOHÁČEK, Pavol - SHVETSOV, V.N. - KOBZEV, A.P. - BORZAKOV, S.B. - KLEINOVÁ, Angela - SEKÁČOVÁ, Mária - ARBET, Juraj - SASINKOVÁ, Vlasta. The effect of neutron irradiation on the properties of SiC and SiC(N) layer prepared by plasma enhanced chemical vapor deposition. In *Applied Surface Science*, 2013, vol. 269, p. 88-91. (2.112 - IF2012). (2013 - Current Contents, WOS, SCOPUS). ISSN 0169-4332.

Ohlasy:

[1.1] EL KHALFI, A.I. - ECH-CHAMIKH, E. - IJDIYAOU, Y. - AZIZAN, M. - ESSAFTI, A. - NKHAILI, L. - OUTZOURHIT, A. Infrared and Raman Study of Amorphous Silicon Carbide Thin Films Deposited by Radiofrequency Cosputtering. In SPECTROSCOPY LETTERS. MAY 28 2014, vol. 47, no. 5, SI, p. 392-396., WOS

ADCA241 HURD, F. - SBORCHIA, C. - SALPIETRO, E. - DUGLUE, D. - KEEFE, C. - BATES, S. - PESENTI, P. - DELLA CORTE, A. - BRUZZONE, P.L. - POLÁK, Milan. Design and manufacture of a full size joint sample (FSJS) for the qualification of the poloidal field (PF) insert coil. In *IEEE Transactions on Applied Superconductivity*, vol. 15, 2005, p. 1379-1382.

Ohlasy:

[1.1] BELLINA, F. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2012, vol. 22, no. 3., WOS

[1.1] BONDARENKO, V.I. - EGOROV, B.I. - KLIMCHENKO, Y.A. - KOVALCHUK, O.A. - MARUSHIN, E.L. - MEDNIKOV, A.A. - RODIN, I.Y. - YAROTA, V.M. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 2., WOS

[1.1] ROLANDO, G. - VAN LANEN, E.P.A. - NIJHUIS, A. In JOURNAL OF APPLIED PHYSICS. MAY 1 2012, vol. 111, no. 9., WOS

ADCA242 HUSANÍKOVÁ, Petra - FEDOR, Ján - DÉRER, Ján - ŠOLTÝS, Ján - CAMBEL, Vladimír - IAVARONE, M. - MAY, S.J. - KARAPETROV, Goran. Magnetization properties and vortex phase diagram of Cu xTiSe2 single crystals. In

Physical Review B, 2013, vol. 88, 174501. (3.767 - IF2012). (2013 - Current Contents, WOS, SCOPUS). ISSN 1098-0121.

Ohlasy:

[1.1] HUI, Z.Z. - TANG, X.W. - WEI, R.H. - LEI, H.C. - GAO, G.Y. - HU, L. - YANG, J. - YANG, Z.R. - SONG, W.H. - ZHU, X.B. - SUN, Y.P. In JOURNAL OF APPLIED PHYSICS. JAN 21 2014, vol. 115, no. 3., WOS

[1.1] KAUL, A.B. In JOURNAL OF MATERIALS RESEARCH. FEB 14 2014, vol. 29, no. 3, p. 348-361., WOS

ADCA243 HUŠEK, Imrich - KOVÁČ, Pavol. Evaluation of core density during the two-axial rolling of BSCCO/Ag composite. In *Superconductor Science and Technology*, 2000, vol. 13, p. 385-390. (1.728 - IF1999). (2000 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] LU, Y.J. - ZENG, P. In RARE METAL MATERIALS AND ENGINEERING. MAR 2013, vol. 42, no. 3, p. 536-540., WOS

ADCA244 HUŠEK, Imrich - KOVÁČ, Pavol - PACHLA, W. Microhardness profiles in BSCCO/Ag composites made by various technological steps. In *Superconductor Science and Technology*, 1995, vol. 8, p. 617-625.

Ohlasy:

[1.2] Parinov, I.A.: In: Microstructure and Properties of High-Temperature Superconductors. Berlin: Springer-Verlag 2012. 2nd ed. ISBN: 978-3-642-34440-4 779 s., SCOPUS

ADCA245 HUŠEK, Imrich - KOVÁČ, Pavol - GROVENOR, C.R.M. - GOODSIR, L. Microhardness as a tool for the filament density and metal sheath analysis in MgB2/Fe/(Cu) wires. In *Superconductor Science and Technology*, 2004, vol. 17, p. 971-976. (2.247 - IF2003). (2004 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] GUAN, M.Z. - MA, L.Z. - WANG, X.Z. - ZHAO, H.W. - XIN, C.J. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2012, vol. 22, no. 3., WOS

[1.1] SASAKI, K. - SUGANO, M. - OHKUBO, R. - IINUMA, H. - OGITSU, T. - SAITO, N. - SHIMOMURA, K. - YAMAMOTO, A. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2012, vol. 22, no. 3., WOS

[1.1] SUN, Y.Y. - WANG, Q.Y. - YANG, F. - XIONG, X.M. - QI, M. - LIANG, M. - YAN, G. - SULPICE, A. - ZHANG, P.X. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. JUL 2012, vol. 477, p. 56-62., WOS

[1.1] SUN, Y.Y. - ZHANG, P.X. - SULPICE, A. - MOSSANG, E. - LIANG, M. - YAN, G. In JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS. APR 2013, vol. 24, no. 4, p. 1250-1255., WOS

ADCA246 HUŠEK, Imrich - KOVÁČ, Pavol - KOPERA, Ľubomír. Study of BSCCO-core density in multicore Ag sheathed tapes by microhardness profiles. In *Superconductor Science and Technology*, 1996, vol. 9, p. 1066. (1.493 - IF1995). (1996 - Current Contents, SCOPUS). ISSN 0953-2048.

Ohlasy:
[1.2] Parinov, I.A.: In: Microstructure and Properties of High-Temperature Superconductors. Berlin: Springer-Verlag 2012. 2nd ed. ISBN: 978-3-642-34440-4 779 s., SCOPUS

ADCA247 HUŠEK, Imrich - KOVÁČ, Pavol - JONES, H. Tensile stress applied to NbTi, Nb3Sn, Bi-2223 and MgB2 composite superconductors at room temperature. In *Superconductor Science and Technology*. - Bristol : IOP Publishing Ltd., 2004, vol. 17, p. 1411-1414. (2.247 - IF2003). (2004 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:
[1.1] GUAN, M.Z. - MA, L.Z. - WANG, X.Z. - ZHAO, H.W. - XIN, C.J. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2012, vol. 22, no. 3., WOS
[1.1] SASAKI, K. - SUGANO, M. - OHKUBO, R. - IINUMA, H. - OGITSU, T. - SAITO, N. - SHIMOMURA, K. - YAMAMOTO, A. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2012, vol. 22, no. 3., WOS
[1.1] SUN, Y.Y. - WANG, Q.Y. - YANG, F. - XIONG, X.M. - QI, M. - LIANG, M. - YAN, G. - SULPICE, A. - ZHANG, P.X. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. JUL 2012, vol. 477, p. 56-62., WOS
[1.1] SUN, Y.Y. - ZHANG, P.X. - SULPICE, A. - MOSSANG, E. - LIANG, M. - YAN, G. In JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS. APR 2013, vol. 24, no. 4, p. 1250-1255., WOS
[1.2] Sun, Y. Zhang, P., Wang, Q., Qi, M., Yang, F., Jiao, G., Yan, G.: Materials Science Forum 745-746 (2013) 173, SCOPUS
[1.2] Yonezu, A., Chen, X. In Materials Chemistry and Physics 125 (2011) , pp. 528-535, SCOPUS

ADCA248 HUŠEK, Imrich - KOVÁČ, Pavol - MELIŠEK, Tibor - KOPERA, Ľubomír. Transport current densities of MgB2 wires, cable and continually. In *Cryogenics*, 2009, vol. 49, p. 366-370. (0.915 - IF2008). (2009 - Current Contents). ISSN 0011-2275.

Ohlasy:
[1.1] HOSSAIN, M.S.A. - GAZDER, A.A. - BARUA, S. - MOTAMAN, A. - PATEL, D. - KIM, J.H. - KARIO, A. - RINGSDORF, B. - RUNTSCH, B. - JUNG, A. - RINDFLEISCH, M. - DOU, S.X. - GOLDACKER, W. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. OCT 2014, vol. 24, no. 5., WOS
[1.1] CHEADLE, M.J. - WOZNIAK, M. - BROMBERG, L. - GLOWACKI, B.A. - JIANG, X.H. - ZENG, R. - MINERVINI, J.V. - BRISSON, J.G. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 3., WOS
[1.1] STENVALL, A. - GRILLI, F. - VOJENCIAK, M. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. AUG 2011, vol. 24, no. 8., WOS
[1.1] ZANGENBERG, N. In HIGH TEMPERATURE SUPERCONDUCTORS (HTS) FOR ENERGY APPLICATIONS. 2012, no. 27, p. 369-392., WOS

ADCA249 HUŠEKOVÁ, Kristína - DOBROČKA, Edmund - ROSOVÁ, Alica - ŠOLTÝS, Ján - ŠATKA, A. - FILLOT, F. - FRÖHLICH, Karol. Growth of RuO2 thin films by liquid injection atomic layer deposition. In *Thin Solid Films*, 2010, vol. 518, p. 4701-4704. (1.727 - IF2009). (2010 - Current Contents). ISSN 0040-6090.

Ohlasy:

[1.1] HAMALAINEN, J. - RITALA, M. - LESKELA, M. In CHEMISTRY OF MATERIALS. JAN 14 2014, vol. 26, no. 1, SI, p. 786-801., WOS

[1.1] MIIKKULAINEN, V. - LESKELA, M. - RITALA, M. - PUURUNEN, R.L. In JOURNAL OF APPLIED PHYSICS. JAN 14 2013, vol. 113, no. 2., WOS

[1.1] OVER, H. In CHEMICAL REVIEWS. JUN 2012, vol. 112, no. 6, p. 3356-3426., WOS

[1.1] PARK, J.Y. - YEO, S. - CHEON, T. - KIM, S.H. - KIM, M.K. - KIM, H. - HONG, T.E. - LEE, D.J. In JOURNAL OF ALLOYS AND COMPOUNDS. OCT 15 2014, vol. 610, p. 529-539., WOS

ADCA250 HUŠEKOVÁ, Kristína - HUŠEK, Imrich - KOVÁČ, Pavol - KULICH, Miloslav - DOBROČKA, Edmund - ŠTRBÍK, Vladimír. Properties of MgB2 superconductor chemically treated by acetic acid. In *Physica C*, 2010, vol. 470, p. 331-335. (0.723 - IF2009). (2010 - Current Contents, WOS, SCOPUS). ISSN 0921-4534.

Ohlasy:

[1.1] ALTIN, S. - AKSAN, M.A. - YAKINCI, M.E. In JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS. SEP 2011, vol. 72, no. 9, p. 1070-1076., WOS

[1.1] SONG, K.J. - LIM, J.C. - KANG, S. - KO, R.K. - CHUNG, K.C. - YOON, S. - PARK, C. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 3., WOS

[1.1] SUN, Y. - SONG, X. - YU, D. - RAN, S. - XIA, A. In SCRIPTA MATERIALIA. JAN 1 2014, vol. 70, p. 55-58., WOS

[1.1] SUN, Y.X. - ZHU, L.H. - SONG, X.M. - YU, D.L. - LIU, Y.G. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. AUG 2012, vol. 25, no. 6, p. 1735-1741., WOS

ADCA251 CHAND, S. - KAUSHAL, P. - OSVALD, Jozef. Numerical simulation study of current-voltage characteristic of a Schottky diode with inverse doped surface layer. In *Materials science in semiconductor processing*, 2013, vol. 16, p. 454-460. (1.338 - IF2012). (2013 - Current Contents). ISSN 1369-8001.

Ohlasy:

[1.1] BIYIKLI, N. - KARABULUT, A. - EFEOLU, H. - GUZELDIR, B. - TURUT, A. In PHYSICA SCRIPTA. SEP 2014, vol. 89, no. 9., WOS

ADCA252 CHAYKA, O. - KRAUS, L. - LOBOTKA, Peter - SECHOVSKY, V. - KOCOUREK, T. - JELÍNEK, M. High field magnetoresistance in Co–Al–O nanogranular films. In *Journal of Magnetism and Magnetic Materials*, 2006, vol. 300, p. 293-299. (0.985 - IF2005). (2006 - Current Contents, WOS, SCOPUS). ISSN 0304-8853.

Ohlasy:

[1.1] TANASE, S.I. - PINZARU, D. - GEORGESCU, V. In JOURNAL OF

SUPERCONDUCTIVITY AND NOVEL MAGNETISM. NOV 2011, vol. 24, no. 8, p. 2313-2319., WOS

[1.1] TANASE, S.I. - PINZARU, D. - PASCARIU, P. - DOBROMIR, M. - SANDU, A.V. - GEORGESCU, V. In MATERIALS CHEMISTRY AND PHYSICS. OCT 17 2011, vol. 130, no. 1-2, p. 327-333., WOS

[1.1] YU, T. - ZHANG, Q.T. - LIU, D.P. - HAN, X.F. In APPLIED PHYSICS LETTERS. JAN 14 2013, vol. 102, no. 2., WOS

ADCA253 CHEANG-WONG, J.C. - JERGEL, M. - JERGEL, Matej - CHROMIK, Štefan - ŠTRBÍK, Vladimír - FALCONY, C. RBS characterization of MgB2 superconducting films annealed ex situ and in situ. In *Superconductor Science and Technology*. - Bristol : IOP Publishing Ltd., 2003, vol. 16, p. 879-884. (2.138 - IF2002). (2003 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] ALTIN, E. - KURT, F. - ALTIN, S. - YAKINCI, M.E. - YAKINCI, Z.D. MgB2 thin film fabrication with excess Mg by sequential e-beam evaporation and transport properties under magnetic fields. In CURRENT APPLIED PHYSICS. MAR 2014, vol. 14, no. 3, p. 245-250., WOS

[1.1] KONG, X.D. - DAI, Q. - HAN, L. - FENG, Q.R. - GAO, Z.S. - MA, Y.W. - CHU, M.Z. - XUE, H. - LI, J.G. - WANG, F.R. - ZHANG, Y.B. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. OCT 2011, vol. 24, no. 10., WOS

[1.1] SHIBATA, H. - AKAZAKI, T. - TOKURA, Y. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAR 2013, vol. 26, no. 3., WOS

ADCA254 CHOVANEC, František - UŠÁK, Pavol. Instabilities above critical current region in Bi-2223/Ag superconducting coils cooled by liquid nitrogen. In *Cryogenics*, 2002, vol. 42, p. 543-546. ISSN 0011-2275.

Ohlasy:

[1.1] FETISOV, S.S. - VYSOTSKY, V.S. - ZUBKO, V.V. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 2, p. 1323-1327., WOS

ADCA255 CHROMIK, Štefan - HURAN, Jozef - ŠTRBÍK, Vladimír - ŠPANKOVÁ, Marianna - VÁVRA, Ivo - BOHNE, W. - ROHRICH, J. - STRUB, E. - KOVÁČ, P. - STANČEK, S. Nanogranular MgB2 thin films on SiC buffered Si substrates prepared by an in situ method. In *Superconductor Science and Technology*, 2006, vol. 19, p. 577-580. (1.896 - IF2005). (2006 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] GREGOR, M. - PLECENIK, T. - SOBOTA, R. - BRNDIAROVA, J. - ROCH, T. - SATRAPINSKYY, L. - KUS, P. - PLECENIKDEPARTMENT, A. In APPLIED SURFACE SCIENCE. SEP 1 2014, vol. 312, p. 97-101., WOS

[1.1] ORGIANI, P. - CIANCIO, R. - WOLAK, M. A. - XI, X. X. In JOURNAL OF MATERIALS SCIENCE. JUN 2014, vol. 49, no. 11, p. 4108-4114., WOS

[1.1] SANDU, V. - ALDICA, G. - DAMIAN, R. - GUO, Z.C. - SUO, H.L. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. FEB 2013, vol. 26, no. 2, p. 361-369., WOS

ADCA256 CHROMIK, Štefan - ŠPANKOVÁ, Marianna - VÁVRA, Ivo - LIDAY, J. - VOGRINČIČ, P. - LOBOTKA, Peter. Preparation and structural properties of MgO films on GaAs substrate. In *Applied Surface Science*, 2008, vol. 254, p. 3635-3637. (1.410 - IF2007). (2008 - Current Contents). ISSN 0169-4332.

Ohlasy:

[1.1] KIM, K.H. - KIM, H.J. - AHN, J.P. - CHOI, J.W. - HAN, J.H. - TAMARANY, R. - LEE, S.C. - WON, S.O. - CHANG, J. - KIM, Y.K. In CRYSTAL GROWTH & DESIGN. JUL 2011, vol. 11, no. 7, p. 2889-2896., WOS

[1.1] TORELLI, P. - SPERL, M. - CIANCIO, R. - FUJII, J. - RINALDI, C. - CANTONI, M. - BERTACCO, R. - UTZ, M. - BOUGEARD, D. - SODA, M. - CARLINO, E. - ROSSI, G. - BACK, C.H. - PANACCIONE, G. In NANOTECHNOLOGY. NOV 23 2012, vol. 23, no. 46., WOS

ADCA257 CHROMIK, Štefan - GIERLOWSKI, P. - ŠPANKOVÁ, Marianna - DOBROČKA, Edmund - VÁVRA, Ivo - ŠTRBÍK, Vladimír - LALINSKÝ, Tibor - SOJKOVÁ, Michaela - LIDAY, J. - VOGRINČIČ, P. - ESPINOS, J.P. Preparation and structural properties of YBCO films grown on GaN/c-sapphire hexagonal substrate. In *Applied Surface Science*, 2010, vol. 256, p. 5618-5622. (1.616 - IF2009). (2010 - Current Contents). ISSN 0169-4332.

Ohlasy:

[1.1] XUE, Y.C. - DAI, H.Y. - XUE, R.Z. - SHI, K. - CHEN, Z.P. - LI, T. - CHEN, L.M. In MATERIALS AND COMPUTATIONAL MECHANICS, PTS 1-3. 2012, vol. 117-119, 1-3, p. 811-816., WOS

[1.2] Chen, Z., Zhang, G., Xue, R., Shi, K., Li, T., Wang, C., Xue, Y. He Jishu/Nuclear Techniques 34 (2011) , pp. 183-187, SCOPUS

ADCA258 CHROMIK, Štefan - BEŇAČKA, Štefan - GAŽI, Štefan - ÖSZI, Zsolt - KOSTIČ, Ivan. Superconducting properties of MgB2 thin films prepared by sequential deposition of boron and magnesium. In *Vacuum*, 2002, vol. 69, p. 351-356.

Ohlasy:

[1.1] GREGOR, M. - PLECENIK, T. - SOBOTA, R. - BRNDIAROVA, J. - ROCH, T. - SATRAPINSKYY, L. - KUS, P. - PLECENIKDEPARTMENT, A. Influence of annealing atmosphere on structural and superconducting properties of MgB2 thin films. In APPLIED SURFACE SCIENCE. ISSN 0169-4332, 2014, vol. 312, no., pp. 97-101., WOS

[1.1] YAKINCI, M. E. - AKSAN, M. A. - BALCI, Y. - ALTIN, S. - ONAL, Y. - AYDOGDU, Y. Nano-sized Spherical MgB2 Superconducting Powder Fabrication Using MHz Range Ultrasonic Spray Pyrolysis (USP) System. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. ISSN 1557-1939, 2011, vol. 24, no. 1-2, pp. 235-239., WOS

[1.1] YAKINCI, Z. D. - AYDOGDU, Y. Thickness Dependence of Critical Current Density in MgB2 Films Prepared by Thermal Evaporation Method. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. ISSN 1557-1939, 2011, vol. 24, no. 1-2, pp. 523-527., WOS

[1.1] ZHOU, Zhangyu - YANG, Fashun - JIANYANG - WANG, Song - FU, Xinghua. Preparation of MgB2 superconducting thin films at low temperature. In

ADVANCED MECHANICAL DESIGN, PTS 1-3. ISSN 1022-6680, 2012, vol. 479-481, no., pp. 1781-1785., WOS

ADCA259 IAVARONE, M. - KARAPETROV, Goran - FEDOR, Ján - ROSENMANN, D. - NISHIZAKI, T. - KOBAYASHI, N. The local effect of magnetic impurities on superconductivity in CoxNbSe2 and MnxNbSe2 single crystals. In *Journal of Physics: Condensed Matter*, 2010, vol. 22, 015501. (1.964 - IF2009). (2010 - Current Contents, SCOPUS). ISSN 0953-8984.

Ohlasy:

[1.1] CHEN, L. - LI, C.S. - TANG, H. - LI, H.P. - LIU, X.J. - MENG, J. In RSC ADVANCES. 2014, vol. 4, no. 19, p. 9573-9578., WOS

[1.1] LIANG, J.Q. - LI, C.S. - TANG, H. - ZHANG, Y. - LI, W.J. - HUI, Z.L. - WANG, F. In HYDRAULIC EQUIPMENT AND SUPPORT SYSTEMS FOR MINING. 2013, vol. 619, p. 536-540., WOS

[1.1] SHI, Q. - TANG, H. - ZHU, H. - TANG, G. - ZHANG, K. - ZHANG, H. - LI, C. In CHALCOGENIDE LETTERS. MAY 2014, vol. 11, no. 5, p. 199-207., WOS

[1.1] YAO, N.Y. - GLAZMAN, L.I. - DEMLER, E.A. - LUKIN, M.D. - SAU, J.D. In PHYSICAL REVIEW LETTERS. AUG 18 2014, vol. 113, no. 8., WOS

[1.1] YAO, N.Y. - MOCA, C.P. - WEYMANN, I. - SAU, J.D. - LUKIN, M.D. - DEMLER, E.A. - ZARAND, G. In PHYSICAL REVIEW B. DEC 9 2014, vol. 90, no. 24., WOS

[1.1] ZITKO, R. - BODENSIEK, O. - PRUSCHKE, T. In PHYSICAL REVIEW B. FEB 22 2011, vol. 83, no. 5., WOS

ADCA260 IAVARONE, M. - KARAPETROV, Goran - FEDOR, Ján - ROSENMANN, D. The spectroscopic signature of the Co magnetic state in CoxNbSe2 superconducting single crystals. In *Superconductor Science and Technology*, 2011, vol. 24, 024010. (2.402 - IF2010). (2011 - Current Contents, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] LIANG, J.Q. - LI, C.S. - TANG, H. - ZHANG, Y. - LI, W.J. - HUI, Z.L. - WANG, F. In HYDRAULIC EQUIPMENT AND SUPPORT SYSTEMS FOR MINING. 2013, vol. 619, p. 536-540., WOS

ADCA261 IHARAGI, T. - GENDIAR, Andrej - UEDA, H. - NISHINO, T. Phase transition of the ising model on a hyperbolic lattice. In *Journal of the Physical Society of Japan*, 2010, vol. 79, art. no. 104001. (2.572 - IF2009). (2010 - Current Contents). ISSN 0031-9015.

Ohlasy:

[1.1] ANANIKIAN, N. - ARTUSO, R. - CHAKHMAKHCHYAN, L. In COMMUNICATIONS IN NONLINEAR SCIENCE AND NUMERICAL SIMULATION. OCT 2014, vol. 19, no. 10, p. 3671-3678., WOS

[1.1] ANANIKIAN, N.S. - ANANIKYAN, L.N. - CHAKHMAKHCHYAN, L.A. In JETP LETTERS. SEP 2011, vol. 94, no. 1, p. 39-43., WOS

[1.1] SHIBATA, N. - HOTTA, C. In PHYSICAL REVIEW B. SEP 16 2011, vol. 84, no. 11., WOS

ADCA262 IVANČO, Ján - DUBECKÝ, František - DARMO, Juraj - KREMPASKÝ, Marián - BEŠŠE, Igor - SENDERÁK, Rudolf. Semi-insulating GaAs-based Schottky contacts in the role of detectors of ionising radiation: An effect of the interface treatment. In *Nuclear Instruments and Methods in Physics Research A*, 1999, vol. 434, p. 158-163. (0.896 - IF1998). (1999 - Current Contents).

Ohlasy:

[3] Avenel-Le Guerroue, M.L.: PhD Thesis. Grenoble: CEA - LETI - Direction de la Recherche Technologique 2012.

ADCA263 JAKOVENKO, J. - HUSÁK, M. - LALINSKÝ, Tibor. Design and simulation of micromechanical thermal convertor for RF power sensor microsystem. In *Microelectronic Reliability*, 2004, vol. 44, p. 141-148.

Ohlasy:

[1.1] LAZARO, O. - RINCON-MORA, G.A. - VOGT, J.P. In AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS. 2012, vol. 66, no. 6, p. 502-508., WOS

ADCA264 JANČOVIČ, Peter - HUDEC, Boris - DOBROČKA, Edmund - DÉRER, Ján - FEDOR, Ján - FRÖHLICH, Karol. Resistive switching in HfO2-based atomic layer deposition grown metal-insulator-metal structures. In *Applied Surface Science*, 2014, vol. 312, p. 112-116. (2.538 - IF2013). (2014 - Current Contents). ISSN 0169-4332.

Ohlasy:

[1.1] ZHANG, R. - MIAO, J. - SHAO, F. - HUANG, W.T. - DONG, C. - XU, X.G. - JIANG, Y. In JOURNAL OF NON-CRYSTALLINE SOLIDS. DEC 15 2014, vol. 406, p. 102-106., WOS

ADCA265 JANŠÁK, Lubomil - ŽÍŽEK, F. - JELÍNEK, J. - TIMORANSKÝ, Z. - PIEL, H. - POLÁK, Milan. Loss analysis of a model transformer winding. In *IEEE Transactions on Applied Superconductivity*, 2003, vol. 13, p. 2352-2355.

Ohlasy:

[1.1] NING, W. - DING, X.Q. In PROCEEDINGS OF THE 2012 SECOND INTERNATIONAL CONFERENCE ON INSTRUMENTATION & MEASUREMENT, COMPUTER, COMMUNICATION AND CONTROL (IMCCC 2012). 2012, p. 516-519., WOS

[1.2] Haidar, A.M.A., Al-Dabbagh, M. IEEE Potentials 32 (2013), 6512750, pp. 40-48, SCOPUS

[1.2] Xiong, L., Zhao, Y., Yang, Z., Song, D., Xi, Z., He, W. Gaodianya Jishu/High Voltage Engineering 39 (2013), pp. 265-271, SCOPUS

[1.2] Xu, H., Yin, Z.D. 2014 Advanced Materials Research 945-949, pp. 181-184, SCOPUS

[1.2] Xu, H., Yin, Z.D., Wang, B. 2014 Advanced Materials Research 945-949, pp. 185-189, SCOPUS

ADCA266 JAVORKA, P. - ALAM, A. - MARSO, M. - WOLTER, M. - KUZMÍK, Ján - FOX, A. - HEUKEN, M. - KORDOŠ, Peter. Material and device issues of AlGaN/GaN HEMTs on silicon substrates. In *Microelectronics Journal*, 2003, vol. 34, p. 435-437.

Ohlasy:

[1.1] CHANG, S.P. In INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE. AUG 2013, vol. 8, no. 8, p. 10280-10292.,

WOS
[1.1] CHANG, S.P. In JOURNAL OF NANOMATERIALS. 2012., WOS
[1.1] KAUSHIK, J.K. - BALAKRISHNAN, V.R. - PANWAR, B.S. - MURALIDHARAN, R. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. JAN 2013, vol. 28, no. 1., WOS
[1.1] MUKHOPADHYAY, P. - BAG, A. - GOMES, U. - BANERJEE, U. - GHOSH, S. - KABI, S. - CHANG, E.Y.I. - DABIRAN, A. - CHOW, P. - BISWAS, D. In JOURNAL OF ELECTRONIC MATERIALS. APR 2014, vol. 43, no. 4, p. 1263-1270., WOS
[1.1] MUKHOPADHYAY, P. - CHOWDHURY, S. - WOWCHAK, A. - DABIRAN, A. - CHOW, P. - BISWAS, D. In JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B. MAY 2013, vol. 31, no. 3., WOS

ADCA267 JELÍNEK, J. - TIMORANSKÝ, Z. - ŽÍŽEK, F. - PIEL, H. - POLÁK, Milan - CHOVANEC, František - MOZOLA, Pavol - JANŠÁK, Lubomil - KVITKOVIČ, Jozef - UŠÁK, Pavol. Test results of 14 kVA superconducting transformer with Bi-2223/Ag windings. In *IEEE Transactions on Applied Superconductivity*, 2003, vol. 13, p. 2310-2313.
Ohlasy:
[1.1] GRZESIK, B. - STEPIEN, M. In 11TH EUROPEAN CONFERENCE ON APPLIED SUPERCONDUCTIVITY (EUCAS2013), PTS 1-4. 2014, vol. 507., WOS
[1.2] Lapthorn, A.C., Chew, I., Enright, W.G., Bodger, P.S. In 2011 Asia-Pacific Power and Energy Engineering Conference, APPEEC 2011 - Proceedings , art. no. 5748478, SCOPUS

ADCA268 JERGEL, Milan - HANIC, František - PLESCH, G. - ŠTRBÍK, Vladimír - LIDAY, J. - FALCONY, C. - CONTRERAS-PUENTE, G. Spray deposited TlBaCaCuO films and bulk. In *Superconductor Science and Technology*, 1994, vol. 7, p. 931. (1.341 - IF1993). (1994 - Current Contents, SCOPUS). ISSN 0953-2048.
Ohlasy:
[1.1] ABOU ALY, A.I. - AWAD, R. - IBRAHIM, I.H. - KAMAL, M. - ANAS, M. In JOURNAL OF MATERIALS SCIENCE & TECHNOLOGY. FEB 2012, vol. 28, no. 2, p. 169-176., WOS

ADCA269 JERGEL, Milan - STEVENSON, R. Static heat transfer to liquid helium in open pools and narrow channels. In *International Journal of Heat and Mass Transfer*, 1971, vol. 14, p. 2099.
Ohlasy:
[1.2] Kolev, N.I. In Multiphase flow dynamics 5: Nuclear thermal hydraulics.ISBN: 978-364220601-6 Springer-Verlag Berlin 2012., SCOPUS

ADCA270 JERGEL, Milan. Synthesis of high-Tc superconducting films by deposition from aerosol. In *Superconductor Science and Technology*, 1995, vol. 8, p. 67. (1.530 - IF1994). (1995 - Current Contents, SCOPUS). ISSN 0953-2048.
Ohlasy:
[1.1] AL KHATEEB, S. In INTERNATIONAL JOURNAL OF MATERIALS RESEARCH. MAR 2013, vol. 104, no. 3, p. 301-307., WOS
[1.1] GUERRERO, U.F. - VARGAS, C.A.P. - SANTOS, A.S. In DYNA-COLOMBIA. OCT 2011, vol. 78, no. 169, p. 201-205., WOS

[1.1] SANTOS, A.S. - ROJAS, J.R. - MARTINEZ, D. - VERA, E. - VARGAS, C.A.P. - GUERRERO, U.F. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. JUN 2013, vol. 26, no. 6, p. 2247-2251., WOS

[1.1] TOMASHPOLSKY, Y.Y. - SADOVSKAYA, N.V. - RYBAKOVA, L.F. - KHOLOPOVA, S.Y. - BORISOV, Y.V. In INORGANIC MATERIALS. DEC 2011, vol. 47, no. 12, p. 1367-1371., WOS

[1.1] TOMASHPOLSKY, Y.Y. - RYBAKOVA, L.F. - SADOVSKAYA, N.V. - KHOLOPOVA, S.Y. - BORISOV, Y.V. In INORGANIC MATERIALS. JAN 2012, vol. 48, no. 1, p. 45-50., WOS

[1.2] Al-Khateeb, S., Pavlopoulos, D., Button, T.W., Abell, J.S. 2013 Journal of Superconductivity and Novel Magnetism 26 (2), pp. 273-280, SCOPUS

ADCA271 JERGEL, Milan - HANIC, František - ŠTRBÍK, Vladimír - LIDAY, J. - PLESCH, G. - MELIŠEK, Tibor - KUBRANOVÁ, Mária. Thin BSCO films prepared by deposition from aerosol. In *Superconductor Science and Technology*, 1992, vol. 5, p. 663.

Ohlasy:

[1.1] TURKOGLU, S. - AKSAN, M.A. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. AUG 2012, vol. 25, no. 6, p. 2087-2095., WOS

ADCA272 JERGEL, Milan - CONDE-GALLARDO, A. - GUAJARDO, C.F. - ŠTRBÍK, Vladimír. Tl-based superconductors for high-current, high-field applications. In *Superconductor Science and Technology*, 1996, vol. 9, p. 427. (1.493 - IF1995). (1996 - Current Contents, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] IROH, J.O. - RAJAMANI, D. In JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS. MAY 2012, vol. 22, no. 3, SI, p. 595-603., WOS

[1.1] KHAN, N.A. - AHMAD, S. - KHURRAM, A.A. - AHMAD, M. In SOLID STATE SCIENCES. OCT 2012, vol. 14, no. 10, p. 1458-1461., WOS

[1.1] KHAN, N.A. - GHAFOOR, M. - ABBAS, S. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. DEC 2014, vol. 27, no. 12, p. 2663-2671., WOS

[1.1] KHURRAM, A.A. - AHMAD, S. - KHAN, N.A. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. OCT 2012, vol. 480, p. 19-22., WOS

[1.1] KHURRAM, A.A. - QURAT-UL-AIN - KHAN, N.A. In JOURNAL OF APPLIED PHYSICS. OCT 1 2012, vol. 112, no. 7., WOS

[1.1] LEE, H.K. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. NOV 2011, vol. 24, no. 8, p. 2183-2187., WOS

ADCA273 JIRSA, M. - YURCHENKO, V. - KOVÁČ, Pavol - HUŠEK, Imrich. Peculiarities of induced inter-granular currents in Bi-2223/Ag tapes. In *Physica C*, 2002, vol. 372-376, p. 1855-1858. (0.806 - IF2001). (2002 - Current Contents, WOS, SCOPUS). ISSN 0921-4534.

Ohlasy:

[1.1] DING, Y. - SUN, Y. - WANG, X.D. - SHI, Z.X. - REN, Z.A. - YANG,

J. - LU, W. In JOURNAL OF ALLOYS AND COMPOUNDS. FEB 3 2011, vol. 509, no. 5, p. 1424-1429., WOS

ADCA274 JURKOVIČ, Michal - GREGUŠOVÁ, Dagmar - PALANKOVSKI, V. - HAŠČÍK, Štefan - BLAHO, Michal - ČIČO, Karol - FRÖHLICH, Karol - CARLIN, J.-F. - GRANDJEAN, N. - KUZMÍK, Ján. Schottky-barrier normally off GaN/InAlN/AlN/GaN HEMT with selectively etched access region. In *IEEE Electron Device Letters*, 2013, vol. 34, p. 432-434. (2.789 - IF2012). (2013 - Current Contents). ISSN 0741-3106.

Ohlasy:

[1.1] AHMADI, E. - SHIVARAMAN, R. - WU, F. - WIENECKE, S. - KAUN, S. W. - KELLER, S. - SPECK, J. S. - MISHRA, U. K. In APPLIED PHYSICS LETTERS. FEB 17 2014, vol. 104, no. 7., WOS

[2.2] Marek, J. , Šatka, A., Donoval, D., Molnár, M., Priesol, J., Chvála, A., Pribytný, P. 2014 10th International Conference on Advanced Semiconductor Devices and Microsystems, ASDAM 2014 6998669, pp. 153-156, SCOPUS

ADCA275 KABÁT, Dušan - CESNAK, Ladislav - KOKAVEC, Ján. Optimisation of inner-notch-corrected highly homogeneous superconducting solenoids and their comparison with other coil configuration. In *Journal of Physics E : Scientific Instruments*, 1979, vol. 12, p. 652-657. (1979 - Current Contents). ISSN 0022-3735.

Ohlasy:

[1.1] KRUBER, S. - FARRHER, G.D. - ANOARDO, E. In CANADIAN JOURNAL OF PHYSICS. NOV 2014, vol. 92, no. 11, p. 1430-1440., WOS

ADCA276 KAČMARČÍK, Jozef - PRIBULOVÁ, Zuzana - PAĽUCHOVÁ, Viktória - SZABÓ, Pavol - HUSANÍKOVÁ, Petra - KARAPETROV, Goran - SAMUELY, Peter. Heat capacity of single-crystal CuxTiSe2 superconductors. In *Physical Review B*, 2013, vol. 88, no. 2, art. no. R020507. (3.767 - IF2012). (2013 - Current Contents, WOS, SCOPUS). ISSN 1098-0121.

Ohlasy:

[1.1] HUSANIKOVA, P. - CAMBEL, V. - FEDOR, J. - SOLTYS, J. - KARAPETROV, G. Magnetization Studies of Cu0.058TiSe2 Near a Quantum Critical Point. In ACTA PHYSICA POLONICA A. ISSN 0587-4246, 2014, vol. 126, no. 1, pp. 336., WOS

ADCA277 KADLEČÍKOVÁ, M. - BREZA, J. - JESENÁK, K. - PASTORKOVÁ, K. - LUPTÁKOVÁ, V. - KOLMAČKA, M. - VOJAČKOVÁ, A. - MICHALKA, M. - VÁVRA, Ivo - KRIŽANOVÁ, Zuzana. The growth of carbon nanotubes on montmorillonite and zeolite (clinoptilolite). In *Applied Surface Science*, 2008, vol. 254, p. 5073-5079. (1.410 - IF2007). (2008 - Current Contents). ISSN 0169-4332.

Ohlasy:

[1.1] FU, H.K. - DU, M. - ZHENG, Q. In APPLIED SURFACE SCIENCE. AUG 15 2011, vol. 257, no. 21, p. 8981-8984., WOS

[1.1] GALAMBOS, M. - ROSSKOPFOVA, O. - KUFCAKOVA, J. - RAJEC, P. In JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY. JUN 2011, vol. 288, no. 3, p. 765-777., WOS

[1.1] GORRASI, G. - D'AMBROSIO, S. - PATIMO, G. - PANTANI, R. In JOURNAL OF APPLIED POLYMER SCIENCE. JUL 5 2014, vol. 131, no. 13.,

WOS
[1.1] LIU, W.W. - CHAI, S.P. - MOHAMED, A.R. - HASHIM, U. In JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY. JUL 25 2014, vol. 20, no. 4, p. 1171-1185., WOS
[1.1] MADALENO, L. - PYRZ, R. - JENSEN, L.R. - PINTO, J.J.C. - LOPES, A.B. - DOLOMANOVA, V. - SCHJODT-THOMSEN, J. - RAUHE, J.C.M. In COMPOSITES SCIENCE AND TECHNOLOGY. FEB 7 2012, vol. 72, no. 3, p. 377-381., WOS
[1.1] MADALENO, L. - PYRZ, R. - JENSEN, L.R. - PINTO, J.J.C. - LOPES, A.B. - DOLOMANOVA, V. - SCHJODT-THOMSEN, J. - RAUHE, J.C.M. In POLYMERS & POLYMER COMPOSITES. 2012, vol. 20, no. 8, p. 693-700., WOS
[1.1] MAMBRINI, R.V. - SALDANHA, A.L.M. - ARDISSON, J.D. - ARAUJO, M.H. - MOURA, F.C.C. In APPLIED CLAY SCIENCE. OCT 2013, vol. 83-84, p. 286-293., WOS
[1.1] MANIKANDAN, D. - MANGALARAJA, R.V. - AVILA, R.E. - SIDDHESWARAN, R. - ANATHAKUMAR, S. In APPLIED CLAY SCIENCE. JAN 2013, vol. 71, p. 37-41., WOS
[1.1] SANTANGELO, S. - MESSINA, G. - PIPEROPOULOS, E. - LANZA, M. - FAGGIO, G. - MILONE, C. In DIAMOND AND RELATED MATERIALS. MAR 2012, vol. 23, p. 54-60., WOS

ADCA278 KALLEL, N. - FRÖHLICH, Karol - PIGNARD, S. - OUMEZZINE, M. - VINCENT, H. Structure, magnetic and magnetoresistive properties of La0.7Sr0.3Mn1-xSnxO3 samples (0 = x = 0.20). In *Journal of Alloys and Compounds*, 2005, vol. 399, p. 20-26. ISSN 0925-8388.
Ohlasy:
[1.1] ABDULLAH, H. - ZULFAKAR, M.S. In JOURNAL OF NANOMATERIALS. 2013., WOS
[1.1] ABDULLAH, H. - ZULFAKAR, M.S. - CHEN, S.K. In JOURNAL OF NANOMATERIALS. 2014., WOS
[1.1] CHERIF, R. - ZOUARI, S. - ELLOUZE, M. - HLIL, E.K. - ELHALOUANI, F. In EUROPEAN PHYSICAL JOURNAL PLUS. MAY 19 2014, vol. 129, no. 5., WOS
[1.1] LIU, S.P. - TANG, G.D. - LI, Z.Z. - JI, D.H. - LI, Y.F. - CHEN, W. - HOU, D.L. In PHYSICA B-CONDENSED MATTER. FEB 15 2011, vol. 406, no. 4, p. 869-876., WOS
[1.1] TKA, E. - CHERIF, K. - DHAHRI, J. In APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING. SEP 2014, vol. 116, no. 3, p. 1181-1191., WOS
[1.1] TOVSTOLYTKIN, A.I. - POLEK, T.I. - V'YUNOV, O.I. - SOLOPAN, S.A. - BELOUS, A.G. - LOZENKO, A.F. - TROTSENKO, P.A. In LOW TEMPERATURE PHYSICS. FEB 2011, vol. 37, no. 2, p. 107-111., WOS
[1.1] ZAINUDDIN, Z. - SHAARI, A.H. In SOLID STATE SCIENCE AND TECHNOLOGY XXVI. 2012, vol. 501, p. 86-90., WOS

ADCA279 KÁLNA, Karol - MOŠKO, Martin. Electron capture in quantum wells via scattering by electrons, holes and optical phonons. In *Physical Review B*. - New York : APS Publishing, 1996, vol. 54, p. 17730-17733. (2.834 - IF1995). (1996 - Current Contents).

Ohlasy:
[1.1] ASRYAN, L.V. - SOKOLOVA, Z.N. In JOURNAL OF APPLIED PHYSICS. JAN 14 2014, vol. 115, no. 2., WOS
[1.1] DANILOV, L.V. - ZEGRYA, G.G. In SEMICONDUCTORS. OCT 2013, vol. 47, no. 10, p. 1336-1345., WOS
[1.1] KHALIL, H.M. - MAZZUCATO, S. - BALKAN, N. In 2ND INTERNATIONAL ADVANCES IN APPLIED PHYSICS AND MATERIALS SCIENCE CONGRESS. ISSN 0094-243X, 2012, vol. 1476, p. 155-158., WOS
[1.1] SOKOLOVA, Z.N. - TARASOV, I.S. - ASRYAN, L.V. In QUANTUM ELECTRONICS. 2014, vol. 44, no. 9, p. 801-805., WOS
[1.1] TALELE, K. - SAMUEL, E.P. - PATIL, D.S. In OPTIK. ISSN 0030-4026, 2011, vol. 122, no. 7, p. 626-630., WOS

ADCA280 KÁLNA, Karol - MOŠKO, Martin - PEETERS, F.M. Electron capture in GaAs quantum wells via electron-electron and optic phonon scattering. In *Applied Physics Letters*, 1996, vol. 68, no., p. 117. (1996 - Current Contents, SCOPUS). ISSN 0003-6951.
Ohlasy:
[1.1] ZHANG, S. - WANG, T.M. - HAO, M.R. - YANG, Y. - ZHANG, Y.H. - SHEN, W.Z. - LIU, H.C. In JOURNAL OF APPLIED PHYSICS. NOV 21 2013, vol. 114, no. 19., WOS

ADCA281 KARAPETROV, Goran - FEDOR, Ján - IAVARONNE, M. - ROSENMANN, D. - KWOK, W.K. Direct observation of geometrical phase transitions in mesoscopic superconductors by scanning tunneling microscopy. In *Physical Review Letters*, 2005, vol. 95, p. 167002. (7.218 - IF2004). (2005 - Current Contents, WOS, SCOPUS). ISSN 0031-9007.
Ohlasy:
[1.1] ADAM, S. - HALLET, X. - PIRAUX, L. In PHYSICAL REVIEW B. SEP 12 2011, vol. 84, no. 10., WOS
[1.1] ASAI, H. - WATANABE, S. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. FEB 2013, vol. 485, p. 125-131., WOS
[1.1] BESPALOV, A.A. - MEL'NIKOV, A.S. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. AUG 2013, vol. 26, no. 8., WOS
[1.1] CIEPLAK, M.Z. - ADAMUS, Z. - KONCZYKOWSKI, M. - ZHU, L.Y. - CHENG, X.M. - CHIEN, C.L. In PHYSICAL REVIEW B. JAN 31 2013, vol. 87, no. 1., WOS
[1.1] DROCCO, J.A. - REICHHARDT, C.J.O. - REICHHARDT, C. - BISHOP, A.R. In JOURNAL OF PHYSICS-CONDENSED MATTER. AUG 28 2013, vol. 25, no. 34., WOS
[1.1] GUTIERREZ, J. - RAES, B. - SILHANEK, A.V. - LI, L.J. - ZHIGADLO, N.D. - KARPINSKI, J. - TEMPERE, J. - MOSHCHALKOV, V.V. In PHYSICAL REVIEW B. MAR 22 2012, vol. 85, no. 9., WOS
[1.1] HE, S.K. - ZHANG, W.J. - WEN, Z.C. - XIAO, H. - HAN, X.F. - GU, C.Z. - QIU, X.G. In CHINESE PHYSICS B. AUG 2012, vol. 21, no. 8., WOS
[1.1] HE, S.K. - ZHANG, W.J. - LIU, H.F. - XUE, G.M. - LI, B.H. - XIAO, H. - WEN, Z.C. - HAN, X.F. - ZHAO, S.P. - GU, C.Z. - QIU, X.G. In JOURNAL OF PHYSICS-CONDENSED MATTER. APR 18 2012, vol. 24, no. 15., WOS

[1.1] HE, S.K. - ZHANG, W.J. - WEN, Z.C. - CAO, W.H. In 26TH INTERNATIONAL CONFERENCE ON LOW TEMPERATURE PHYSICS (LT26), PTS 1-5. 2012, vol. 400., WOS
[1.1] LEE, J. - WANG, H. - DREYER, M. - BERGER, H. - BARKER, B.I. In PHYSICAL REVIEW B. AUG 31 2011, vol. 84, no. 6., WOS
[1.1] LEE, M.K. - CHARNAYA, E.V. - TIEN, C. - CHANG, L.J. - KUMZEROV, Y.A. In JOURNAL OF APPLIED PHYSICS. MAR 21 2013, vol. 113, no. 11., WOS
[1.1] LIN, S.Z. - REICHHARDT, C. In PHYSICAL REVIEW B. MAR 21 2013, vol. 87, no. 10., WOS
[1.1] LUZHBIN, D.A. In JETP LETTERS. JUL 2011, vol. 93, no. 9, p. 508-511., WOS
[1.1] PEREIRA, P.J. - CHIBOTARU, L.F. - MOSHCHALKOV, V.V. In PHYSICAL REVIEW B. OCT 4 2011, vol. 84, no. 14., WOS
[1.1] RAY, D. - REICHHARDT, C.J.O. - JANKO, B. - REICHHARDT, C. In PHYSICAL REVIEW LETTERS. JUN 24 2013, vol. 110, no. 26., WOS
[1.1] RAY, D. - REICHHARDT, C. - REICHHARDT, C.J.O. In PHYSICAL REVIEW B. SEP 8 2014, vol. 90, no. 9., WOS
[1.1] RAY, D. - REICHHARDT, C. - REICHHARDT, C.J.O. - JANKO, B. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. AUG 15 2014, vol. 503, p. 123-127., WOS
[1.1] RAY, D. - REICHHARDT, C. - REICHHARDT, C.J.O. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUL 2014, vol. 27, no. 7., WOS
[1.1] REICHHARDT, C. - DROCCO, J. - REICHHARDT, C.J.O. - BISHOP, A.R. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. MAY 2013, vol. 26, no. 5, SI, p. 2041-2044., WOS
[1.1] REICHHARDT, C. - REICHHARDT, C.J.O. In PHYSICAL REVIEW LETTERS. FEB 10 2011, vol. 106, no. 6., WOS
[1.1] REICHHARDT, C. - REICHHARDT, C.J.O. In JOURNAL OF PHYSICS-CONDENSED MATTER. JUN 6 2012, vol. 24, no. 22., WOS
[1.1] REICHHARDT, C.J.O. - REICHHARDT, C. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. MAY 2013, vol. 26, no. 5, SI, p. 2005-2008., WOS
[1.1] REICHHARDT, C.J.O. - LIN, S.Z. - RAY, D. - REICHHARDT, C. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. AUG 15 2014, vol. 503, p. 52-57., WOS
[1.1] STOLYAROV, V.S. - CREN, T. - DEBONTRIDDER, F. - BRUN, C. - VESHCHUNOV, I.S. - SKRYABINA, O.V. - RUSANOV, A.Y. - RODITCHEV, D. In APPLIED PHYSICS LETTERS. APR 28 2014, vol. 104, no. 17., WOS
[1.1] SUDEROW, H. - GUILLAMON, I. - RODRIGO, J.G. - VIEIRA, S. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUN 2014, vol. 27, no. 6., WOS
[1.1] TOMINAGA, T. - SAKAMOTO, T. - NISHIO, T. - AN, T. - EGUCHI, T. - YOSHIDA, Y. - HASEGAWA, Y. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. JUL 2012, vol. 25, no. 5, p. 1375-1378., WOS
[1.1] YETIS, H. In EUROPEAN PHYSICAL JOURNAL B. SEP 2011, vol. 83, no. 1, p. 93-105., WOS

[1.1] ZHANG, W.J. - HE, S.K. - LIU, H.F. - XUE, G.M. - XIAO, H. - LI, B.H. - WEN, Z.C. - HAN, X.F. - ZHAO, S.P. - GU, C.Z. - QIU, X.G. - MOSHCHALKOV, V.V. In EPL. AUG 2012, vol. 99, no. 3., WOS
[1.1] ZHANG, X.M. - XU, S.D. - LI, M. - SHEN, Y.T. - WEI, Z.Q. - WANG, S. - ZENG, Q.D. - WANG, C. In JOURNAL OF PHYSICAL CHEMISTRY C. APR 26 2012, vol. 116, no. 16, p. 8950-8955., WOS

ADCA282 KARAPETROV, Goran - FEDOR, Ján - IAVARONNE, M. - MARSHALL, M.T. - DIVAN, R. Imaging of vortex states in mesoscopic superconductors. In *Applied Physics Letters*. - American Institute of Physics, 2005, vol. 87., 162515. (4.308 - IF2004). (2005 - Current Contents, SCOPUS). ISSN 0003-6951.
Ohlasy:
[1.1] ASAI, H. - WATANABE, S. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. FEB 2013, vol. 485, p. 125-131., WOS
[1.1] STOLYAROV, V.S. - CREN, T. - DEBONTRIDDER, F. - BRUN, C. - VESHCHUNOV, I.S. - SKRYABINA, O.V. - RUSANOV, A.Y. - RODITCHEV, D. In APPLIED PHYSICS LETTERS. APR 28 2014, vol. 104, no. 17., WOS
[1.1] SUDEROW, H. - GUILLAMON, I. - RODRIGO, J.G. - VIEIRA, S. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUN 2014, vol. 27, no. 6., WOS

ADCA283 KARAPETROV, Goran - MILOSEVIC, M.V. - IAVARONE, M. - FEDOR, Ján - BELKIN, A. - NOVOSAD, V. - PEETERS, F.M. Transverse instabilities of multiple vortex chains in magnetically coupled NbSe2/permalloy superconductor/ferromagnet bilayers. In *Physical Review B*, 2009, vol. 80, art. no. 180506(R. ISSN 1098-0121.
Ohlasy:
[1.1] ALADYSHKIN, A.Y. - FRITZSCHE, J. - WERNER, R. - KRAMER, R.B.G. - GUENON, S. - KLEINER, R. - KOELLE, D. - MOSHCHALKOV, V.V. In PHYSICAL REVIEW B. SEP 23 2011, vol. 84, no. 9., WOS
[1.1] BARBA-ORTEGA, J. - JAIMEZ, J.B. - AGUIAR, J.A. In MODERN PHYSICS LETTERS B. JUN 20 2013, vol. 27, no. 15., WOS
[1.1] CIEPLAK, M.Z. - ADAMUS, Z. - KONCZYKOWSKI, M. - ZHU, L.Y. - CHENG, X.M. - CHIEN, C.L. In PHYSICAL REVIEW B. JAN 31 2013, vol. 87, no. 1., WOS
[1.1] CIEPLAK, M.Z. - ZHU, L.Y. - ADAMUS, Z. - KONCZYKOWSKI, M. - CHIEN, C.L. In PHYSICAL REVIEW B. JUL 29 2011, vol. 84, no. 2., WOS
[1.1] HE, L. - WANG, J. In NANOTECHNOLOGY. NOV 4 2011, vol. 22, no. 44., WOS
[1.1] JING, Z. - YONG, H.D. - ZHOU, Y.H. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. OCT 2014, vol. 27, no. 10., WOS
[1.1] STAMOPOULOS, D. - ARISTOMENOPOULOU, E. - MANIOS, E. - NIARCHOS, D. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. MAY 2013, vol. 26, no. 5, SI, p. 1931-1938., WOS
[1.1] SUDEROW, H. - GUILLAMON, I. - RODRIGO, J.G. - VIEIRA, S. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUN 2014, vol. 27, no. 6., WOS

[1.1] VISANI, C. - METAXAS, P.J. - COLLAUDIN, A. - CALVET, B. - BERNARD, R. - BRIATICO, J. - DERANLOT, C. - BOUZEHOUANE, K. - VILLEGAS, J.E. In PHYSICAL REVIEW B. AUG 15 2011, vol. 84, no. 5., WOS

[1.1] ZORRO, M.A. - SARAIVA, T. - SILVA, C.C.D. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAY 2014, vol. 27, no. 5., WOS

ADCA284 KARIO, A. - HAESSLER, W. - RODIG, C. - SCHUBERT, M. - KOVÁČ, Pavol - MELIŠEK, Tibor - NAST, R. - GOLDACKER, W. - HOLZAPFEL, B. High energy milled ex situ MgB2 as precursor for superconducting tapes without critical current anisotropy. In *Journal of Superconductivity and Novel Magnetism*, 2012, vol. 25, p. 2337-2341. (0.650 - IF2011). (2012 - Current Contents). ISSN 1557-1939.

Ohlasy:

[1.1] BHADAURIA, P.P.S. - GUPTA, A. - KISHAN, H. - NARLIKAR, A.V. In JOURNAL OF APPLIED PHYSICS. FEB 14 2013, vol. 113, no. 6., WOS

[1.1] BHADAURIA, P.P.S. - GUPTA, A. - KISHAN, H. - NARLIKAR, A.V. In JOURNAL OF APPLIED PHYSICS. MAY 14 2014, vol. 115, no. 18., WOS

ADCA285 KAUSHAL, P. - CHAND, S. - OSVALD, Jozef. Current–voltage characteristics of Schottky diode simulated using semiconductor device equations. In *International Journal of Electronics*, 2013, vol. 100, p. 686-698. (0.509 - IF2012). (2013 - Current Contents). ISSN 0020-7217.

Ohlasy:

[1.1] BIYIKLI, N. - KARABULUT, A. - EFEOLU, H. - GUZELDIR, B.- TURUT, A. In PHYSICA SCRIPTA. SEP 2014, vol. 89, no. 9., WOS

ADCA286 KHUNOVÁ, V. - HURST, Joe - JANIGOVÁ, Ivica - ŠMATKO, Vasilij. Plasma treatment of particulate polymer composites for analyses by scanning electron microscopy.2. A study of highly filled polypropylene/calcium carbonate composites. In *Polymer Testing*, 1999, vol. 18, p. 501-509. (0.419 - IF1998). (1999 - Current Contents). ISSN 0142-9418.

Ohlasy:

[1.1] HUANG, H. - HAN, B. - WANG, L. - MIAO, N. - MO, H. - ZHOU, N.L. - MA, Z.M. - ZHANG, J. - SHEN, J.A. Crystallization Kinetics of Polypropylene Composites Filled with Nano Calcium Carbonate Modified with Maleic Anhydride. In JOURNAL OF APPLIED POLYMER SCIENCE. ISSN 0021-8995, FEB 5 2011, vol. 119, no. 3, p. 1516-1527., WOS

[1.1] CHENG, H.T. - GAO, J. - WANG, G. - SHI, S.Q. - ZHANG, S.B. - CAI, L.P. EFFECT OF TEMPERATURE ON CALCIUM CARBONATE DEPOSITION IN SITU ON BAMBOO FIBER AND POLYMER INTERFACES. In WOOD AND FIBER SCIENCE. APR 2014, vol. 46, no. 2, p. 247-258., WOS

[1.1] LI, L. - DOU, Q. Effect of Malonic Acid Treatment on Crystal Structure, Melting Behavior, Morphology, and Mechanical Properties of Isotactic Polypropylene/Nano-CaCO3 Composites. In JOURNAL OF MACROMOLECULAR SCIENCE PART B-PHYSICS. ISSN 0022-2348, 2011, vol. 50, no. 5, p. 831-845., WOS

[1.1] LI, L. - DOU, Q. In JOURNAL OF MACROMOLECULAR SCIENCE PART B-PHYSICS. 2011, vol. 50, no. 5, p. 831-845., WOS

[1.1] LU, S.J. - ZHOU, Z.M. - WANG, C.H. - YU, J. Study on the Process of Preparing Microporous Polyvinyl Chloride. In ADVANCED BUILDING MATERIALS AND SUSTAINABLE ARCHITECTURE, PTS 1-4. ISSN 1660-9336, 2012, vol. 174-177, p. 864-869., WOS

[1.1] PENG, Y. - LU, S.T. - HE, Y. - ZHAO, G.B. - ZHANG, Y. - GE, C. Stress-Softening and Interaction in Polydimethylsiloxane/Nano-Calcium Carbonate Networks. In ASIAN JOURNAL OF CHEMISTRY. ISSN 0970-7077, MAY 2013, vol. 25, no. 5, p. 2805-2810., WOS

ADCA287 KIM, J. H. - KIM, C.H. - IYYANI, G. - KVITKOVIČ, Jozef - PAMIDI, S.V. Transport AC loss measurements in superconducting coils. In *IEEE Transactions on Applied Superconductivity*, 2011, vol. 21, p. 3269-3272. (1.035 - IF2010). (2011 - Current Contents, WOS, SCOPUS). ISSN 1051-8223.

Ohlasy:

[1.1] GRINENKO, V. - FUCHS, G. - NENKOV, K. - STIEHLER, C. - VOJENCIAK, M. - REIS, T. - OSWALD, B. - HOLZAPFEL, B. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUL 2012, vol. 25, no. 7., WOS

[1.1] CHEN, Y. - ZHANG, M. - CHUDY, M. - WANG, W.- ZHONG, Z. - HUANG, Z. - COOMBS, T. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 3., WOS

[1.1] CHUDY, M. - CHEN, Y. - ZHANG, M. - BAGHDADI, M. - LALK, J. - PRETORIUS, T. - COOMBS, T. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. FEB 2014, vol. 24, no. 1., WOS

[1.1] JIANG, Z.A. - LONG, N.J. - BADCOCK, R.A. - STAINES, M. - SLADE, R.A. - CAPLIN, A.D. - AMEMIYA, N. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAR 2012, vol. 25, no. 3., WOS

[1.1] PARDO, E. - SOUC, J. - KOVAC, J. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAR 2012, vol. 25, no. 3., WOS

[1.1] STENVALL, A. - LAHTINEN, V. - LYLY, M. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. OCT 2014, vol. 27, no. 10., WOS

[1.1] YING, L. - SHENG, J. - LIN, B. - YAO, L. - ZHANG, J. - JIN, Z. - LI, Y. - HONG, Z. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2012, vol. 22, no. 3., WOS

ADCA288 KLINČOK, Boris - GÖMÖRY, Fedor - PARDO, Enric. The voltage signal on a superconducting wire in AC transport. In *Superconductor Science and Technology*. - Bristol : IOP Publishing Ltd., vol. 18, 2005, p. 694-700. ISSN 0953-2048.

Ohlasy:

[1.1] CISZEK, M. - TROJANOWSKI, S. In REVIEW OF SCIENTIFIC INSTRUMENTS. NOV 2011, vol. 82, no. 11., WOS

ADCA289 KNEPPO, Ivan - GOTZMAN, J.. Basic parameters of nonsymetrical coplanar line. In *IEEE Transactions on Microwave Theory and Techniques*, 1977, vol. 25, p. 718. ISSN 0018-9480.

Ohlasy:

[1.1] KOUZAEV, G.A. - DEEN, M.J. - NIKOLOVA, N.K. In ADVANCES

IN IMAGING AND ELECTRON PHYSICS, VOL 174: SILICON-BASED MILLIMETER-WAVE TECHNOLOGY MEASUREMENT, MODELING AND APPLICATIONS. 2012, vol. 174, p. 119-222., WOS

[1.2] Kouzaev, G.A. Lecture Notes in Electrical Engineering 169, (2013) 1-546, SCOPUS

[1.2] Peng, C.-M., Chen, I.-F. International Journal of Applied Electromagnetics and Mechanics 36 (2011), pp. 243-251, SCOPUS

[1.2] Thiruvalar Selvan, P., Raghavan, S. 2011 International Conference on Computer, Communication and Electrical Technology, ICCCET 2011 5762482, pp. 266-270, SCOPUS

ADCA290 KNEPPO, Ivan - ČERVENÁK, Ján. Photodielectric effect in thin film metal-CdTe-metal structures. In *Solid-State Electronics*. - Oxford : Elsevier, 1972, vol. 15, p. 587-591.

Ohlasy:

[1.1] ANISIMOVA, N.I. - BORDOVSKY, V.A. - GRABKO, G.I. - CASTRO, R.A. In SEMICONDUCTORS. JUL 2013, vol. 47, no. 7, p. 952-955., WOS

ADCA291 KOKAVEC, Ján - CESNAK, Ladislav. Mechanical stresses in cylindrical superconducting coils. In *Journal of Physics D: Applied Physics*, 1977, vol. 10, p. 1451. ISSN 0022-3727.

Ohlasy:

[1.1] LI, L.K. - WANG, H.S. - NI, Z.P. - CHENG, J.S. - WANG, Q.L. In ACTA PHYSICA SINICA. MAR 2013, vol. 62, no. 5., WOS

ADCA292 KOKAVEC, Ján - HLÁSNIK, Ivan - FUKUI, S. Very sensitive electric method for ac loss measurement in SC coils. In *IEEE Transaction on Applied Superconductivity*, 1993, vol. 3, p. 153.

Ohlasy:

[1.1] AINSLIE, M.D. - RODRIGUEZ-ZERMENO, V.M. - HONG, Z.Y. - YUAN, W.J. - FLACK, T.J. - COOMBS, T.A. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. APR 2011, vol. 24, no. 4., WOS

[1.1] AINSLIE, M.D. - YUAN, W.J. - HONG, Z.Y. - PEI, R.L. - FLACK, T.J. - COOMBS, T.A. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 3, p. 3265-3268., WOS

ADCA293 KOPERA, Ľubomír - KOVÁČ, Pavol - HUŠEK, Imrich. Calculated and measured normal state resistivity of 19-filament MgB2/Ti/Cu/stainless steel wire. In *Superconductor Science and Technology*, 2012, vol. 25, art. no. 025021. (2.662 - IF2011). (2012 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] ZHOU, C. - OFFRINGA, W. - BERGEN, A. - WESSEL, W.A.J. - KROOSHOOP, H.J.G. - DHALLE, M. - SUMPTION, M.D. - COLLINGS, E.W. - RINDFLEISCH, M. - TOMSIC, M. - TEN KATE, H.H.J. - NIJHUIS, A. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. FEB 2013, vol. 26, no. 2., WOS

ADCA294 KOPERA, Ľubomír - KOVÁČ, Pavol - MELIŠEK, Tibor. Compact design of cryogen-free HTS magnet for laboratory use. In *IEEE Transactions on Applied*

Superconductivity, 2006, vol. 16, p. 1415-1418. (2006 - Current Contents, SCOPUS).

Ohlasy:

[1.1] CHOI, S. - BAE, J.H. - SOHN, M.H. - PARK, C. - LEE, J.K. - CHOI, K. - KO, T.K. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 2, p. 2410-2414., WOS

[1.1] YOON, S. - CHEON, K. - LEE, H. - MOON, S.H. - KIM, S.Y. - KIM, Y. - PARK, S.H. - CHOI, K. - HONG, G.W. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. NOV 2013, vol. 494, p. 242-245., WOS

[1.1] YOON, S. - CHEON, K. - LEE, H. - MOON, S.H. - HAM, I. - KIM, Y. - PARK, S.H. - JOO, H. - CHOI, K. - HONG, G.W. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 2., WOS

[1.1] YOON, S. - CHEON, K. - LEE, H. - MOON, S.H. - KIM, S.Y. - KIM, Y. - PARK, S.H. - CHOI, K. - HONG, G.W. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2014, vol. 24, no. 3., WOS

[1.1] YOON, S.W. - LEE, H.J. - MOON, S.H. - PARK, S.H. - HAN, J. - CHOI, K. - HONG, G.W. In ADVANCES IN SUPERCONDUCTIVITY XXIV. 2012, vol. 27, p. 424-427., WOS

ADCA295 KOPERA, Ľubomír - ŠMATKO, Vasilij - PRUSSEIT, W. - POLÁK, Milan - SEMERAD, R. - ŠTRBÍK, Vladimír - ŠOUC, Ján. In situ patterning of filamentary YBCO coated conductors. In *Physica C*, 2008, vol. 468, p. 2351-2355. (1.079 - IF2007). (2008 - Current Contents, WOS, SCOPUS). ISSN 0921-4534.

Ohlasy:

[1.1] DEMENCIK, E. - VOJENCIAK, M. - KARIO, A. - NAST, R. - JUNG, A. - GOLDACKER, W. - GRILLI, F. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. DEC 2014, vol. 24, no. 6., WOS

[1.1] NAST, R. - VOJENCIAK, M. - DEMENCIK, E. - KARIO, A. - RINGSDORF, B. - JUNG, A. - RUNTSCH, B. - GRILLI, F. - GOLDACKER, W. In 11TH EUROPEAN CONFERENCE ON APPLIED SUPERCONDUCTIVITY (EUCAS2013), PTS 1-4. 2014, vol. 507., WOS

[1.2] Feys, J., Ghekiere, B., Lommens, P., Hopkins, S.C., Vermeir, P., Baecker, M., Glowacki, B.A., Van Driessche, I.: Materials Research Society Symposium Proceedings 1547 (2013) 3-12, SCOPUS

ADCA296 KOPERA, Ľubomír - KOVÁČ, Pavol - HUŠEK, Imrich. New rolling technique for texturing of Bi(2223)/Ag tapes. In *Superconductor Science and Technology*, 1998, vol. 11, p. 433-436. (2.183 - IF1997). (1998 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] GAO, Z.S. - TOGANO, K. - MATSUMOTO, A. - KUMAKURA, H. In SCIENTIFIC REPORTS. FEB 11 2014, vol. 4., WOS

[1.1] KUMAKURA, H. - YE, S.J. - GAO, Z.S. - ZHANG, Y.C. - MATSUMOTO, A. - TOGANO, K. In JOURNAL OF THE JAPAN INSTITUTE OF METALS. AUG 2014, vol. 78, no. 8, p. 287-294., WOS

[1.1] TOGANO, K. - GAO, Z.S. - MATSUMOTO, A. - KUMAKURA, H. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. NOV 2013, vol. 26, no. 11., WOS

[1.2] Parinov, I.A.: In: Microstructure and Properties of High-Temperature

Superconductors. Berlin: Springer-Verlag 2012. 2nd ed. ISBN: 978-3-642-34440-4 779 s., SCOPUS

ADCA297 KOPERA, Ľubomír - KOVÁČ, Pavol - CESNAK, Ladislav. Sample holder for measuring of Ic-anisotropy in high magnetic fields. In *Superconductor Science and Technology*, 1997, vol. 10, p. 995. (1.447 - IF1996). (1997 - Current Contents, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] PITEL, J. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. DEC 2013, vol. 26, no. 12., WOS

ADCA298 KOPERA, Ľubomír - MELIŠEK, Tibor - KOVÁČ, Pavol - PITEL, Jozef. The design and performance of a Bi-2223/Ag magnet cooled by a single-stage cryocooler. In *Superconductor Science and Technology*, 2005, vol. 18, p. 977-984. (1.556 - IF2004). (2005 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] CHOI, S. - BAE, J.H. - SOHN, M.H. - PARK, C. - LEE, J.K. - CHOI, K. - KO, T.K. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 2, p. 2410-2414., WOS

[1.1] YOON, S. - CHEON, K. - LEE, H. - MOON, S.H. - KIM, S.Y. - KIM, Y. - PARK, S.H. - CHOI, K. - HONG, G.W. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. NOV 2013, vol. 494, p. 242-245., WOS

[1.1] YOON, S. - CHEON, K. - LEE, H. - MOON, S.H. - HAM, I. - KIM, Y. - PARK, S.H. - JOO, H. - CHOI, K. - HONG, G.W. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 2., WOS

[1.1] YOON, S. - CHEON, K. - LEE, H. - MOON, S.H. - KIM, S.Y. - KIM, Y. - PARK, S.H. - CHOI, K. - HONG, G.W. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2014, vol. 24, no. 3., WOS

[1.1] YOON, S.W. - LEE, H.J. - MOON, S.H. - PARK, S.H. - HAN, J. - CHOI, K. - HONG, G.W. In ADVANCES IN SUPERCONDUCTIVITY XXIV. 2012, vol. 27, p. 424-427., WOS

ADCA299 KORDOŠ, Peter - KÚDELA, Róbert - STOKLAS, Roman - ČIČO, Karol - MIKULICS, M. - GREGUŠOVÁ, Dagmar - NOVÁK, Jozef. Aluminium oxide as passivation and gate insulator in GaAs-based field-effect transistors prepared in situ by metal-organic vapor deposition. In *Applied Physics Letters*, 2012, vol. 100, 142113. (3.844 - IF2011). (2012 - Current Contents). ISSN 0003-6951.

Ohlasy:

[1.1] AOKI, T. - FUKUHARA, N. - OSADA, T. - SAZAWA, H. - HATA, M. - INOUE, T. In APPLIED PHYSICS EXPRESS. OCT 2014, vol. 7, no. 10., WOS

[1.1] WANG, L.S. - XU, J.P. - ZHU, S.Y. - HUANG, Y. - LAI, P.T. In APPLIED PHYSICS LETTERS. AUG 26 2013, vol. 103, no. 9., WOS

[1.1] WANG, L.S. - XU, J.P. - LIU, L. - TANG, W.M. - LAI, P.T. In APPLIED PHYSICS EXPRESS. JUN 2014, vol. 7, no. 6., WOS

ADCA300 KORDOŠ, Peter - MARSO, M. - MEYER, R. - LUTH, H. Barrier height enhancement of (n) In0.53Ga0.47As Schottky diodes grown by MO CVD technique. In *Electronics Letters*, 1991, vol. 27, p. 1759.

Ohlasy:
[1.1] CHAND, S. - KAUSHAL, P. - OSVALD, J. In MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING. APR 2013, vol. 16, no. 2, p. 454-460., WOS

ADCA301 KORDOŠ, Peter - MORVIC, Marian - BETKO, Július - HOVE, J. M. van - WOWCHAK, A.M. - CHOW, P.P. Conductivity and Hall effect characterization of highly resistive molecular-beam epitaxial GaN layers. In *Journal of Applied Physics*, 2000, vol. 88, no. 10, p. 5821-5826. (2.275 - IF1999). ISSN 0021-8979.
Ohlasy:
[1.1] CHOI, Y. - KIM, H. In JOURNAL OF ALLOYS AND COMPOUNDS. AUG 25 2012, vol. 533, p. 15-18., WOS
[1.1] KIM, S. - KIM, H.J. - CHOI, S. - LOCHNER, Z. - RYOU, J.H. - DUPUIS, R.D. - KIM, H. In ELECTRONICS LETTERS. SEP 27 2012, vol. 48, no. 20, p. 1285-+., WOS
[1.1] OH, M. - LEE, J.J. - LEE, J.K. - KIM, H. In JOURNAL OF ALLOYS AND COMPOUNDS. FEB 5 2014, vol. 585, p. 414-417., WOS
[1.1] PARK, Y. - AHN, K.S. - KIM, H. In IEEE TRANSACTIONS ON ELECTRON DEVICES. MAR 2012, vol. 59, no. 3, p. 680-684., WOS
[1.1] RANGEL-KUOPPA, V.T. - AGUILAR, C.G. - SANCHEZ-RESENDIZ, V. In THIN SOLID FILMS. JAN 31 2011, vol. 519, no. 7, p. 2255-2261., WOS
[1.1] ZHAO, Y. - ZHONG, W.J. - LIU, J. - HUANG, Z.H. - WEI, A.X. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. MAR 2014, vol. 29, no. 3., WOS

ADCA302 KORDOŠ, Peter - MORVIC, Marian - BETKO, Július - NOVÁK, Jozef - FLYNN, J. - BRANDES, Georg. Conductivity and Hall effect of freestanding highly-resistive epitaxial GaN:Fe substrates. In *Applied Physics Letters*, 2004, vol. 85, p. 5616-5620. (4.049 - IF2003). (2004 - Current Contents, WOS, SCOPUS). ISSN 0003-6951.
Ohlasy:
[1.1] CHENG, J. - ZHOU, J. - XU, W. - DONG, P. In MODERN PHYSICS LETTERS B. FEB 10 2014, vol. 28, no. 4., WOS
[1.2] Tao, Z.-K., Chen, L. Nanjing Youdian Daxue Xuebao (Ziran Kexue Ban)/Journal of Nanjing University of Posts and Telecommunications (Natural Science)32 (2012) , pp. 153, SCOPUS

ADCA303 KORDOŠ, Peter - STOKLAS, Roman - GREGUŠOVÁ, Dagmar - HUŠEKOVÁ, Kristína - CARLIN, J.-F. - GRANDJEAN, N. Defect states characterization of non-annealed and annealed Zr2/InAlN/GaN structures by capacitance measurements. In *Applied Physics Letters*, 2013, vol. 102, 063502. (3.794 - IF2012). (2013 - Current Contents). ISSN 0003-6951.
Ohlasy:
[1.1] LIU, X. - KIM, J. - SUNTRUP, D. J. - WIENECKE, S. - TAHHAN, M. - YELURI, R. - CHAN, S. H. - LU, J. - LI, H. - KELLER, S. - MISHRA, U. K. In APPLIED PHYSICS LETTERS. JUN 30 2014, vol. 104, no. 26., WOS

ADCA304 KORDOŠ, Peter - ŠKRINIAROVÁ, J. - CHVÁLA, A. - FLOROVIČ, M. - KOVÁČ, Jaroslav - DONOVAL, D. Electrical and optical characterization of

Ni/Al0,3Ga0,7N/GaN Schottky barrier diodes. In *Journal of Electronic Materials*, 2012, vol. 41, p. 3017-3020. (1.466 - IF2011). (2012 - Current Contents). ISSN 0361-5235.

Ohlasy:

[1.1] GASSOUMI, M. - MOSBAHI, H. - SOLTANI, A. - SBRUGNERA-AVRAMOVIC, V. - ZAIDI, M.A. - GAQUIERE, C. - MEJRI, H. - MAAREF, H. In MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING. DEC 2013, vol. 16, no. 6, p. 1775-1778., WOS

[1.1] NAKAMURA, A. - SUGIYAMA, M. - FUJII, K. - NAKANO, Y. In JAPANESE JOURNAL OF APPLIED PHYSICS. AUG 2013, vol. 52, no. 8, 2, SI., WOS

[1.1] SHARMIN, S. - MURAKI, K. - FUJISAWA, T. In JAPANESE JOURNAL OF APPLIED PHYSICS. NOV 2013, vol. 52, no. 11, 1., WOS

ADCA305 KORDOŠ, Peter - HEIDELBERG, G. - BERNÁT, J. - FOX, A. - MARSO, M. - LUTH, H. High-power SiO2/AlGaN/GaN metal-insulator-semiconductor heterostructure field-effect transistors. In *Applied Physics Letters*, 2005, vol. 87, p. 143501-143504. (4.308 - IF2004). (2005 - Current Contents, SCOPUS). ISSN 0003-6951.

Ohlasy:

[1.1] ANAND, M.J. - NG, G.I. - VICKNESH, S. - ARULKUMARAN, S. - RANJAN, K. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 10, NO 11. 2013, vol. 10, no. 11, p. 1421-1425., WOS

[1.1] BI, Z.W. - FENG, Q. - ZHANG, J.C. - LU, L. - MAO, W. - GU, W.P. - MA, X.H. - HAO, Y. In SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY. JAN 2012, vol. 55, no. 1, p. 40-43., WOS

[1.1] BI, Z.W. - HAO, Y. - FENG, Q. - JIANG, T.T. - CAO, Y.R. - ZHANG, J.C. - MAO, W. - LU, L. - ZHANG, Y. In SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY. DEC 2011, vol. 54, no. 12, p. 2170-2173., WOS

[1.1] BI, Z.W. - HAO, Y. - FENG, Q. - GAO, Z.Y. - ZHANG, J.C. - MAO, W. - ZHANG, K. - MA, X.H. - LIU, H.X. - YANG, L.A. - MEI, N. - CHANG, Y.M. In CHINESE PHYSICS LETTERS. FEB 2012, vol. 29, no. 2., WOS

[1.1] BI, Z.W. - HU, Z.H. - MAO, W. - HAO, Y. - FENG, Q. - CAO, Y.R. - GAO, Z.Y. - ZHANG, J.C. - MA, X.H. - CHANG, Y.M. - LI, Z.M. - MEI, N. In CHINESE PHYSICS B. AUG 2011, vol. 20, no. 8., WOS

[1.1] KIM, Y.S. - HA, M.W. - SEOK, O. - AHN, W.J. - HAN, M.K. In 2013 25TH INTERNATIONAL SYMPOSIUM ON POWER SEMICONDUCTOR DEVICES AND ICS (ISPSD). 2013, p. 207-211., WOS

[1.1] KODAMA, S. - TOKUDA, H. - KUZUHARA, M. In 2014 IEEE INTERNATIONAL MEETING FOR FUTURE OF ELECTRON DEVICES, KANSAI (IMFEDK). 2014., WOS

[1.1] KONG, X. - WEI, K. - LIU, G.G. - LIU, X.Y. In CHINESE PHYSICS LETTERS. JUL 2012, vol. 29, no. 7., WOS

[1.1] KUBO, T. - FREEDSMAN, J.J. - IWATA, Y. - EGAWA, T. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. APR 2014, vol. 29, no. 4., WOS

[1.1] LIN, R.M. - CHU, F.C. - DAS, A. - LIAO, S.Y. - SU, V.C. In JAPANESE JOURNAL OF APPLIED PHYSICS. NOV 2013, vol. 52, no. 11, 1.,

WOS

[1.1] LIU, H.Y. - CHOU, B.Y. - HSU, W.C. - LEE, C.S. - SHEU, J.K. - HO, C.S. In IEEE TRANSACTIONS ON ELECTRON DEVICES. JAN 2013, vol. 60, no. 1, p. 213-220., WOS

[1.1] LIU, X.K. - LOW, E.K.F. - PAN, J.S. - LIU, W. - TEO, K.L. - TAN, L.S. - YEO, Y.C. In APPLIED PHYSICS LETTERS. AUG 29 2011, vol. 99, no. 9., WOS

[1.1] LIU, Z.H. - NG, G.I. - ARULKUMARAN, S. - MAUNG, Y.K.T. - ZHOU, H. In APPLIED PHYSICS LETTERS. APR 18 2011, vol. 98, no. 16., WOS

[1.1] MIZUE, C. - HORI, Y. - MICZEK, M. - HASHIZUME, T. In JAPANESE JOURNAL OF APPLIED PHYSICS. FEB 2011, vol. 50, no. 2., WOS

[1.1] TIAN, B.L. - CHEN, C. - ZHANG, J.H. - LI, Y.R. - CHEN, Y.F. - LIU, X.Z. - ZHOU, J.J. - LI, L. - CHEN, C. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. AUG 2011, vol. 26, no. 8., WOS

[1.1] YE, D.Q. - MEI, Z.X. - LIANG, H.L. - LI, J.Q. - HOU, Y.N. - GU, C.Z. - AZAROV, A. - KUZNETSOV, A. - HONG, W.C. - LU, Y.C. - DU, X.L. In JOURNAL OF PHYSICS D-APPLIED PHYSICS. JUN 25 2014, vol. 47, no. 25., WOS

[1.1] YOSHITSUGU, K. - HORITA, M. - ISHIKAWA, Y. - URAOKA, Y. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 10, NO 11. 2013, vol. 10, no. 11, p. 1426-1429., WOS

[1.1] ZHOU, H. - NG, G.I. - LIU, Z.H. - ARULKUMARAN, S. In APPLIED PHYSICS EXPRESS. OCT 2011, vol. 4, no. 10., WOS

[1.2] Lidow, A., Strydom, J., de Rooij, M., Reusch, D. In GaN Transistors for Efficient Power Conversion: Second Edition pp. 1-250 Wiley 2014 ISBN: 9781118844762, SCOPUS

ADCA306 KORDOŠ, Peter - STOKLAS, Roman - GREGUŠOVÁ, Dagmar - NOVÁK, Jozef. Characterization of AlGaN/GaN metal-oxide-semiconductor field-effect transistors by frequency dependent conductance analysis. In *Applied Physics Letters*, 2009, vol. 94, 223512. (3.726 - IF2008). (2009 - Current Contents, SCOPUS). ISSN 0003-6951.

Ohlasy:

[1.1] ANAND, M.J. - NG, G.I. - VICKNESH, S. - ARULKUMARAN, S. - RANJAN, K. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 10, NO 11. 2013, vol. 10, no. 11, p. 1421-1425., WOS

[1.1] COLON, A. - SHI, J.X. In SOLID-STATE ELECTRONICS. SEP 2014, vol. 99, p. 25-30., WOS

[1.1] FIORENZA, P. - GRECO, G. - GIANNAZZO, F. - LO NIGRO, R. - ROCCAFORTE, F. In APPLIED PHYSICS LETTERS. OCT 22 2012, vol. 101, no. 17., WOS

[1.1] FIORENZA, P. - GRECO, G. - FISICHELLA, G. - ROCCAFORTE, F. - MALANDRINO, G. - LO NIGRO, R. In APPLIED PHYSICS LETTERS. SEP 9 2013, vol. 103, no. 11., WOS

[1.1] FREEDSMAN, J.J. - KUBO, T. - EGAWA, T. In APPLIED PHYSICS LETTERS. JUL 18 2011, vol. 99, no. 3., WOS

[1.1] FREEDSMAN, J.J. - KUBO, T. - SELVARAJ, S.L. - EGAWA, T. In

JAPANESE JOURNAL OF APPLIED PHYSICS. APR 2011, vol. 50, no. 4, Part 2, SI., WOS
[1.1] FREEDSMAN, J.J. - KUBO, T. - EGAWA, T. In APPLIED PHYSICS LETTERS. JUL 2 2012, vol. 101, no. 1., WOS
[1.1] FREEDSMAN, J.J. - KUBO, T. - EGAWA, T. In AIP ADVANCES. JUN 2012, vol. 2, no. 2., WOS
[1.1] KAYIS, C. - LEACH, J.H. - ZHU, C.Y. - WU, M. - LI, X. - YANG, X. - MISRA, V. - HANDEL, P.H. - OZGUR, U. - MORKOC, H. In GALLIUM NITRIDE MATERIALS AND DEVICES VI. ISSN 0277-786X, 2011, vol. 7939., WOS
[1.1] KAYIS, C. - LEACH, J.H. - ZHU, C.Y. - WU, M. - LI, X. - OZGUR, U. - MORKOC, H. - YANG, X. - MISRA, V. - HANDEL, P.H. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 8, NO 5. ISSN 1862-6351, 2011, vol. 8, no. 5., WOS
[1.1] KAYIS, C. - ZHU, C.Y. - WU, M. - LI, X. - OZGUR, U. - MORKOC, H. In JOURNAL OF APPLIED PHYSICS. ISSN 0021-8979, APR 15 2011, vol. 109, no. 8., WOS
[1.1] LEE, B. - KIRKPATRICK, C. - CHOI, Y.H. - YANG, X.Y. - WANG, Y.L. - YANG, X.C. - HUANG, A.Q. - MISRA, V. In PHYSICS AND TECHNOLOGY OF HIGH-K MATERIALS 9. 2011, vol. 41, no. 3, p. 445-450., WOS
[1.1] LO NIGRO, R. - BATTIATO, S. - GRECO, G. - FIORENZA, P. - ROCCAFORTE, F. - MALANDRINO, G. In THIN SOLID FILMS. JUL 31 2014, vol. 563, p. 50-55., WOS
[1.1] LO NIGRO, R. - FIORENZA, P. - CATALANO, M.R. - FISICHELLA, G. - ROCCAFORTE, F. - MALANDRINO, G. In SURFACE & COATINGS TECHNOLOGY. SEP 15 2013, vol. 230, p. 152-162., WOS
[1.1] LU, X. - MA, J. - JIANG, H.X. - LIU, C. - LAU, K.M. In APPLIED PHYSICS LETTERS. SEP 8 2014, vol. 105, no. 10., WOS
[1.1] LU, X. - MA, J. - JIANG, H.X. - LAU, K.M. In APPLIED PHYSICS LETTERS. JAN 20 2014, vol. 104, no. 3., WOS
[1.1] LU, X. - MA, J. - LIU, Z.J. - JIANG, H.X. - HUANG, T.D. - LAU, K.M. In PHYSICA STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE. APR 2014, vol. 211, no. 4, p. 775-778., WOS
[1.1] MA, J. - LU, X. - JIANG, H.X. - LIU, C. - LAU, K.M. In APPLIED PHYSICS EXPRESS. SEP 2014, vol. 7, no. 9., WOS
[1.1] MA, X.H. - CHEN, W.W. - HOU, B. - ZHANG, K. - ZHU, J.J. - ZHANG, J.C. - ZHENG, X.F. - HAO, Y. In APPLIED PHYSICS LETTERS. MAR 3 2014, vol. 104, no. 9., WOS
[1.1] MA, X.H. - ZHU, J.J. - LIAO, X.Y. - YUE, T. - CHEN, W.W. - HAO, Y. In APPLIED PHYSICS LETTERS. JUL 15 2013, vol. 103, no. 3., WOS
[1.1] PEREZ-TOMAS, A. - FONTSERE, A. - SANCHEZ, S. - JENNINGS, M.R. - GAMMON, P.M. - CORDIER, Y. In APPLIED PHYSICS LETTERS. JAN 14 2013, vol. 102, no. 2., WOS
[1.1] QIN, X.Y. - LUCERO, A. - AZCATL, A. - KIM, J. - WALLACE, R.M. In APPLIED PHYSICS LETTERS. JUL 7 2014, vol. 105, no. 1., WOS
[1.1] ROCCAFORTE, Fabrizio - FIORENZA, Patrick - GRECO, Giuseppe - LO NIGRO, Raffaella - GIANNAZZO, Filippo - PATTI, Alfonso - SAGGIO, Mario. In PHYSICA STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE. SEP 2014, vol. 211, no. 9, p. 2063-2071., WOS

[1.1] YE, G. - WANG, H. - ARULKUMARAN, S. - NG, G.I. - HOFSTETTER, R. - LI, Y. - ANAND, M.J. - ANG, K.S. - MAUNG, Y.K.T. - FOO, S.C. In APPLIED PHYSICS LETTERS. SEP 30 2013, vol. 103, no. 14., WOS

[1.1] ZHANG, K. - XUE, J.S. - CAO, M. - YANG, L.Y. - CHEN, Y.H. - ZHANG, J.C. - MA, X.H. - HAO, Y. In JOURNAL OF APPLIED PHYSICS. MAY 7 2013, vol. 113, no. 17., WOS

[1.1] ZHOU, Y. - LIN, Z.J. - LUAN, C.B. - ZHAO, J.T. - YANG, Q.H. - YANG, M. - WANG, Y.T. - FENG, Z.H. - LV, Y.J. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. SEP 2014, vol. 29, no. 9., WOS

[1.2] Kaushik, J.K., Balakrishnan, V.R., Panwar, B.S., Muralidharan, R. IEEE 2nd ICEE 2014 - 7151145, SCOPUS

[1.2] Kaushik, J.K., Balakrishnan, V.R., Panwar, B.S., Muralidharan, R. IEEE 2nd ICEE 2014 - 7151157, SCOPUS

ADCA307 KORDOŠ, Peter - BERNÁT, J. - GREGUŠOVÁ, Dagmar - MARSO, M. - LÜTH, Hans. Impact of surface treatment under the gate on the current collapse of unpassivated AlGaN/GaN heterostructure field-effect transistors. In *Semiconductor Science and Technology*, 2006, vol. 21, p. 67-71. (2006 - Current Contents). ISSN 0268-1242.

Ohlasy:

[1.1] LEE, N.H. - LEE, M. - CHOI, W. - KIM, D. - JEON, N. - CHOI, S. - SEO, K.S. In JAPANESE JOURNAL OF APPLIED PHYSICS. APR 2014, vol. 53, no. 4, SI., WOS

ADCA308 KORDOŠ, Peter - GREGUŠOVÁ, Dagmar - STOKLAS, Roman - ČIČO, Karol - NOVÁK, Jozef. Improved transport properties of Al2O3/AlGaN/GaN metal-oxide-semiconductor heterostructure field-effect tranzistor. In *Applied Physics Letters*, 2007, vol. 90, 123513. (3.977 - IF2006). (2007 - Current Contents, SCOPUS). ISSN 0003-6951.

Ohlasy:

[1.1] BI, Z.W. - HAO, Y. - FENG, Q. - GAO, Z.Y. - ZHANG, J.C. - MAO, W. - ZHANG, K. - MA, X.H. - LIU, H.X. - YANG, L.A. - MEI, N. - CHANG, Y.M. In CHINESE PHYSICS LETTERS. FEB 2012, vol. 29, no. 2., WOS

[1.1] EICKELKAMP, M. - WEINGARTEN, M. - KHOSHROO, L.R. - KETTENISS, N. - BEHMENBURG, H. - HEUKEN, M. - KALISCH, H. - JANSEN, R.H. - VESCAN, A. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 8, NO 7-8. 2011, vol. 8, no. 7-8., WOS

[1.1] FENG, Q. - LI, Q. - XING, T. - WANG, Q. - ZHANG, J.C. - HAO, Y. In CHINESE PHYSICS B. JUN 2012, vol. 21, no. 6., WOS

[1.1] KAYIS, C. - LEACH, J.H. - ZHU, C.Y. - WU, M. - LI, X. - YANG, X. - MISRA, V. - HANDEL, P.H. - OZGUR, U. - MORKOC, H. In GALLIUM NITRIDE MATERIALS AND DEVICES VI. 2011, vol. 7939., WOS

[1.1] KAYIS, C. - LEACH, J.H. - ZHU, C.Y. - WU, M. - LI, X. - OZGUR, U. - MORKOC, H. - YANG, X. - MISRA, V. - HANDEL, P.H. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 8, NO 5. 2011, vol. 8, no. 5., WOS

[1.1] KAYIS, C. - ZHU, C.Y. - WU, M. - LI, X. - OZGUR, U. - MORKOC, H. In JOURNAL OF APPLIED PHYSICS. APR 15 2011, vol. 109, no. 8., WOS

[1.1] KIM, K.W. - JUNG, S.D. - KIM, D.S. - IM, K.S. - KANG, H.S. - LEE, J.H. - BAE, Y. - KWON, D.H. - CRISTOLOVEANU, S. In MICROELECTRONIC ENGINEERING. JUL 2011, vol. 88, no. 7, p. 1225-1227., WOS
[1.1] KONG, Y.C. - XUE, F.S. - ZHOU, J.J. - LI, L. - CHEN, C. - JIANG, W.H. In CHINESE PHYSICS LETTERS. MAY 2012, vol. 29, no. 5., WOS
[1.1] KUBO, T. - FREEDSMAN, J. J. - IWATA, Y. - EGAWA, T. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. APR 2014, vol. 29, no. 4., WOS
[1.1] LIU, H.Y. - CHOU, B.Y. - HSU, W.C. - LEE, C.S. - HO, C.S. In IEEE ELECTRON DEVICE LETTERS. JUL 2012, vol. 33, no. 7, p. 997-999., WOS
[1.1] LIU, H.Y. - CHOU, B.Y. - HSU, W.C. - LEE, C.S. - SHEU, J.K. - HO, C.S. In IEEE TRANSACTIONS ON ELECTRON DEVICES. JAN 2013, vol. 60, no. 1, p. 213-220., WOS
[1.1] LIU, H.-Y. - HSU, W.-C. - LEE, C.-S. - CHOU, B.-Y. - OU, W.-C. - WANG, Y.-H. - CHEN, W.-F. In 2014 INTERNATIONAL CONFERENCE ON INFORMATION SCIENCE, ELECTRONICS AND ELECTRICAL ENGINEERING (ISEEE), VOLS 1-3. 2014, p. 591-594., WOS
[1.1] LIU, S.H. - WANG, J.Y. - GONG, R.M. - LIN, S.X. - DONG, Z.H. - YU, M. - WEN, C.P. - ZENG, C.H. - CAI, Y. - ZHANG, B.S. - XU, F.J. - ZHANG, J.C. - SHEN, B. In JAPANESE JOURNAL OF APPLIED PHYSICS. APR 2011, vol. 50, no. 4, Part 2, SI., WOS
[1.1] LIU, X.Z. - CHEN, C. - ZHU, J. - ZHANG, W.L. - LI, Y.R. In JOURNAL OF APPLIED PHYSICS. JUL 14 2013, vol. 114, no. 2., WOS
[1.1] SEOK, O. - AHN, W. - HAN, M.K. - HA, M.W. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. FEB 2013, vol. 28, no. 2., WOS
[1.1] TAJIMA, M. - HASHIZUME, T. In JAPANESE JOURNAL OF APPLIED PHYSICS. JUN 2011, vol. 50, no. 6, Part 1., WOS
[1.1] TAPAJNA, M. - KUZMIK, J. In JAPANESE JOURNAL OF APPLIED PHYSICS. AUG 2013, vol. 52, no. 8, 2, SI., WOS
[1.1] TIAN, B.L. - CHEN, C. - ZHANG, J.H. - LI, Y.R. - CHEN, Y.F. - LIU, X.Z. - ZHOU, J.J. - LI, L. - CHEN, C. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. AUG 2011, vol. 26, no. 8., WOS
[1.1] TIAN, B.L. - CHEN, C. - ZHANG, J.H. - ZHANG, W.L. - LIU, X.Z. In CHINESE PHYSICS LETTERS. FEB 2013, vol. 30, no. 2., WOS
[1.1] WANG, X. - AROONYADET, N. - ZHANG, Y. - MECKENBURG, M. - FANG, X. - CHEN, H. - GOO, E. - ZHOU, C. In NANO LETTERS. JUN 2014, vol. 14, no. 6, p. 3014-3022., WOS
[1.1] YE, D. - MEI, Z. - LIANG, H.- LI, J. - HOU, Y. - GU, C. - AZAROV, A. - KUZNETSOV, A. - HONG, W.-C. - LU, Y. - DU, X. In JOURNAL OF PHYSICS D-APPLIED PHYSICS. JUN 25 2014, vol. 47, no. 25., WOS
[1.1] ZHOU, B. - WANG, J.Y. - MENG, D. - LIN, S.X. - FANG, M. - DONG, Z.H. - YU, M. - HAO, Y.L. - WEN, C.P. In CHINESE PHYSICS LETTERS. OCT 2011, vol. 28, no. 10., WOS
[1.2] Tian B.-L. Chen, C., Zhang, W., Liu, X. Journal of Semiconductors 34 (2013) 094003, SCOPUS
[1.2] Xue, F. In Guti Dianzixue Yanjiu Yu Jinzhan/Research and Progress of Solid State Electronics 31 (2011) , pp. 319-327, SCOPUS

ADCA309 KORDOŠ, Peter - BERNÁT, J. - MARSO, M. - LUTH, H. - RAMPAZZO, F. - TAMIAZZO, G. - PIEROBON, R. - MENEGHESSO, G. Influnce of gate-leakage current on drain current collapse of unpassivated GaN/AlGaN/GaN high electron mobility transistors. In *Applied Physics Letters*, vol. 86, 2005, p. 253511. ISSN 0003-6951.

Ohlasy:

[1.1] FREESE, A. - GRUBE, M. - WACHOWIAK, A. - GEIDEL, M. - ADOLPHI, B. - SCHMULT, S. - MIKOLAJICK, T. In JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B. MAY 2013, vol. 31, no. 3., WOS

ADCA310 KORDOŠ, Peter - DONOVAL, D. - FLOROVIČ, M. - KOVÁČ, Ján - GREGUŠOVÁ, Dagmar. Investigation of trap effects in AlGaN/GaN field-effect transistors by temperature dependent threshold voltage analysis. In *Applied Physics Letters*, 2008, vol. 92, 152113. (3.596 - IF2007). (2008 - Current Contents, WOS, SCOPUS). ISSN 0003-6951.

Ohlasy:

[1.1] CUERDO, R. - CALLE, F. In SOLID-STATE ELECTRONICS. SEP 2011, vol. 63, no. 1, p. 184-188., WOS

[1.1] DAS, A. - CHANG, L.B. - LIN, R.M. In AIP ADVANCES. SEP 2012, vol. 2, no. 3., WOS

[1.1] DU, Y.D. - HAN, W.H. - YAN, W. - YANG, F.H. In CHINESE PHYSICS LETTERS. APR 2014, vol. 31, no. 4., WOS

[1.1] FANG, Z.Q. - CLAFLIN, B. - LOOK, D.C. In JOURNAL OF ELECTRONIC MATERIALS. DEC 2011, vol. 40, no. 12, p. 2337-2343., WOS

[1.1] HATANO, M. - YAFUNE, N. - TOKUDA, H. - YAMAMOTO, Y. - HASHIMOTO, S. - AKITA, K. - KUZUHARA, M. In IEICE TRANSACTIONS ON ELECTRONICS. AUG 2012, vol. E95C, no. 8, p. 1332-1336., WOS

[1.1] CHU, R.M. - BROWN, D. - ZEHNDER, D. - CHEN, X. - WILLIAMS, A. - LI, R. - CHEN, M. - NEWELL, S. - BOUTROS, K. In 2012 24TH INTERNATIONAL SYMPOSIUM ON POWER SEMICONDUCTOR DEVICES AND ICS (ISPSD). 2012, p. 237-239., WOS

[1.1] KIM, S. - KIM, H.J. - CHOI, S. - LOCHNER, Z. - RYOU, J.H. - DUPUIS, R.D. - AHN, K.S. - KIM, H. In JAPANESE JOURNAL OF APPLIED PHYSICS. OCT 2013, vol. 52, no. 10, 2, SI., WOS

[1.1] LIU, H.Y. - CHOU, B.Y. - HSU, W.C. - LEE, C.S. - HO, C.S. In ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY. 2012, vol. 1, no. 4, p. Q86-Q90., WOS

[1.1] LIU, L. - REN, F. - PEARTON, S.J. - FITCH, R.C. - WALKER, D.E. - CHABAK, K.D. - GILLESPIE, J.K. - KOSSLER, M. - TREJO, M. - VIA, D. - CRESPO, A. In JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B. NOV 2011, vol. 29, no. 6., WOS

[1.1] MA, L.H. - HAN, W.H. - WANG, H. - LI, X.M. - YANG, F.H. In JOURNAL OF APPLIED PHYSICS. SEP 28 2013, vol. 114, no. 12., WOS

[1.1] MA, X.H. - ZHU, J.J. - LIAO, X.Y. - YUE, T. - CHEN, W.W. - HAO, Y. In APPLIED PHYSICS LETTERS. JUL 15 2013, vol. 103, no. 3., WOS

[1.1] PEREZ-TOMAS, A. - FONTSERE, A. - SANCHEZ, S. - JENNINGS, M.R. - GAMMON, P.M. - CORDIER, Y. In APPLIED PHYSICS LETTERS. JAN 14 2013, vol. 102, no. 2., WOS

[1.1] ZHOU, Y.S. - YUAN, F. In ELECTRONICS LETTERS. JAN 30 2014, vol. 50, no. 3, p. 216-+., WOS

[1.1] ZHU, J.J. - MA, X.H. - HOU, B. - CHEN, W.W. - HAO, Y. In AIP ADVANCES. MAR 2014, vol. 4, no. 3., WOS

[1.2] Ren, F., Pearton, S.J., Liu, L., Kang, T.-S., Douglas, E.A., Chang, C.Y., Lo, C.-F., Cullen, D.A., Zhou, L., Smith, D.J. In Materials Research Society Symposium Proceedings Vol. 1396, 2012, pp 115, SCOPUS

ADCA311 KORDOŠ, Peter - MARSO, M. - MIKULICS, M. Performance optimization of GaAs-based photomixers as sources of terahertz radiation. In *Applied Physics A-Materials Science & Processing*, 2007, vol. 87, p. 563-567. (1.739 - IF2006). (2007 - Current Contents). ISSN 0947-8396.

Ohlasy:

[1.1] ACKEMANN, T. - ALDURAIBI, M. - CAMPBELL, S. - KEATINGS, S. - SAM, P.L. - FRASER, H. - ARNOLD, A.S. - RIIS, E. - MISSOUS, M. In JOURNAL OF APPLIED PHYSICS. DEC 15 2012, vol. 112, no. 12., WOS

[1.1] CAMPBELL, S. - ACKEMANN, T. - FRASER, H. - MISSOUS, M. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. MAR 2014, vol. 29, no. 3., WOS

[1.1] DENINGER, A. In HANDBOOK OF TERAHERTZ TECHNOLOGY FOR IMAGING, SENSING AND COMMUNICATIONS. 2013, no. 34, p. 327-373., WOS

[1.1] HESHMAT, B. - PAHLEVANINEZHAD, H. - BEARD, M.C. - PAPADOPOULOS, C. - DARCIE, T.E. In OPTICS EXPRESS. AUG 1 2011, vol. 19, no. 16, p. 15077-15089., WOS

[1.1] KHIABANI, N. - HUANG, Y. - SHEN, Y.C. - SAJAK, A.A. In 2013 LOUGHBOROUGH ANTENNAS AND PROPAGATION CONFERENCE (LAPC). 2013, p. 307-310., WOS

[1.1] MISSOUS, M. In HANDBOOK OF TERAHERTZ TECHNOLOGY FOR IMAGING, SENSING AND COMMUNICATIONS. 2013, no. 34, p. 464-489., WOS

[1.1] YOSHIOKA, T. - TAKATORI, S. - MINH, P.H. - CADATAL-RADUBAN, M. - NAKAZATO, T. - SHIMIZU, T. - SARUKURA, N. - ESTACIO, E. - MISA, J.V. - JACULBIA, R. - DEFENSOR, M. - SOMINTAC, A. - SALVADOR, A. In JOURNAL OF INFRARED MILLIMETER AND TERAHERTZ WAVES. APR 2011, vol. 32, no. 4, p. 418-425., WOS

[1.2] Świtkowski, K., Jastrzebski, C., Pałka, N., Dyczewski, J., Barcz, A. Photonics Letters of Poland 4 (2012) , pp. 32, SCOPUS

ADCA312 KORDOŠ, Peter - JANŠÁK, Lubomil - BENČ, Viliam. Preparation and properties of doped epitaxial GaAs. In *Solid-State Electronics*, 1975, vol. 18, p. 223. ISSN 0038-1101.

Ohlasy:

[1.1] MATSUKURA, F. - OHNO, H. In MOLECULAR BEAM EPITAXY: FROM RESEARCH TO MASS PRODUCTION. 2013, p. 477-486., WOS

[1.1] PENG, N.H. - JEYNES, C. - GWILLIAM, R.M. - WEBB, R.P. In 18TH INTERNATIONAL VACUUM CONGRESS (IVC-18). 2012, vol. 32, p. 408-411., WOS

[1.2] Matsukura, F., Ohno, H. Nanomagnetism and Spintronics: Second Edition Elsevier Inc. 2013. ISBN: 978-044463279-1 pp. 315-358, SCOPUS

ADCA313 KORDOŠ, Peter - MIKULICS, M. - FOX, A. - GREGUŠOVÁ, Dagmar - ČIČO, Karol - CARLIN, J.-F. - GRANDJEAN, N. - NOVÁK, Jozef - FRÖHLICH, Karol. RF performance of InAlN/GaN HFETs and MOSHFETs with fT x LG up to 21 GHz • µm. In *IEEE Electron Devices Letters*, 2010, vol. 31, p. 180-182. (2.605 - IF2009). (2010 - Current Contents). ISSN 0741-3106.

Ohlasy:

[1.1] CORRION, A.L. - SHINOHARA, K. - REGAN, D. - MILOSAVLJEVIC, I. - HASHIMOTO, P. - WILLADSEN, P.J. - SCHMITZ, A. - KIM, S.J. - BUTLER, C.M. - BROWN, D. - BURNHAM, S.D. - MICOVIC, M. In IEEE ELECTRON DEVICE LETTERS. AUG 2011, vol. 32, no. 8, p. 1062-1064., WOS

[1.1] DU, J.F. - YAN, H. - YIN, C.G. - FENG, Z.H. - DUN, S.B. - YU, Q. In JOURNAL OF APPLIED PHYSICS. APR 28 2014, vol. 115, no. 16., WOS

[1.1] HUANG, T.D. - ZHU, X.L. - WONG, K.M. - LAU, K.M. In IEEE ELECTRON DEVICE LETTERS. FEB 2012, vol. 33, no. 2, p. 212-214., WOS

[1.1] CHOI, S. - KIM, H.J. - LOCHNER, Z. - KIM, J. - DUPUIS, R.D. - FISCHER, A.M. - JUDAY, R. - HUANG, Y. - LI, T. - HUANG, J.Y.Y. - PONCE, F.A. - RYOU, J.H. In JOURNAL OF CRYSTAL GROWTH. FEB 15 2014, vol. 388, p. 137-142., WOS

[1.1] KETTENISS, N. - BEHMENBURG, H. - LECOURT, F. - DEFRANCE, N. - HOEL, V. - DE JAEGER, J.C. - HEUKEN, M. - KALISCH, H. - VESCAN, A. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. MAR 2012, vol. 27, no. 3., WOS

[1.1] LEE, C.S. - YEH, J.C. - HSU, W.C. - LIU, H.Y. - CHOU, B.Y. In ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY. 2014, vol. 3, no. 12, p. Q227-Q231., WOS

[1.1] LEE, J. - YAN, M.J. - OFUONYE, B. - JANG, J. - GAO, X. - GUO, S.P. - ADESIDA, I. In PHYSICA STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE. JUL 2011, vol. 208, no. 7, p. 1538-1540., WOS

[1.1] LEE, K.W. - CHEN, W.S. In ECS SOLID STATE LETTERS. 2013, vol. 2, no. 2, p. Q9-Q11., WOS

[1.1] LIU, H.Y. - LEE, C.S. - HSU, W.C. - TSENG, L.Y. - CHOU, B.Y. - HO, C.S. - WU, C.L. In IEEE TRANSACTIONS ON ELECTRON DEVICES. JUL 2013, vol. 60, no. 7, p. 2231-2237., WOS

[1.1] LIU, L. - LO, C.F. - XI, Y.Y. - WANG, Y.X. - KIM, H.Y. - KIM, J. - PEARTON, S.J. - LABOUTIN, O. - CAO, Y. - JOHNSON, J.W. - KRAVCHENKO, I.I. - REN, F. In GALLIUM NITRIDE MATERIALS AND DEVICES VIII. 2013, vol. 8625., WOS

[1.1] LO, C.F. - LIU, L. - REN, F. - KIM, H.Y. - KIM, J. - PEARTON, S.J. - LABOUTIN, O. - CAO, Y. - JOHNSON, J.W. - KRAVCHENKO, I.I. In JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B. NOV 2011, vol. 29, no. 6., WOS

[1.1] LO, C.F. - LIU, L. - CHANG, C.Y. - REN, F. - CRACIUN, V. - PEARTON, S.J. - HEO, Y.W. - LABOUTIN, O. - JOHNSON, J.W. In JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B. MAR 2011, vol. 29, no. 2., WOS

[1.1] LO, C.F. - LIU, L. - REN, F. - PEARTON, S.J. - GILA, B.P. - KIM, H.Y. - KIM, J. - LABOUTIN, O. - CAO, Y. - JOHNSON, J.W. - KRAVCHENKO, I.I. In JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B. JUL 2012, vol. 30, no. 4., WOS

[1.1] RENNESSON, S. - LECOURT, F. - DEFRANCE, N. - CHMIELOWSKA, M. - CHENOT, S. - LESECQ, M. - HOEL, V. - OKADA, E. - CORDIER, Y. - DE JAEGER, J.C. In IEEE TRANSACTIONS ON ELECTRON DEVICES. OCT 2013, vol. 60, no. 10, SI, p. 3105-3111., WOS

[1.2] Tartarin, J.G. In Proceedings of the IEEE 21st International Conference on Noise and Fluctuations, ICNF 2011 (2011), art. no. 5994367 , pp. 452-457, SCOPUS

[1.2] Xue, F., Kong, Y., Dong, X., Zhou, J., Li, Z., Chen, C. In Guti Dianzixue Yanjiu Yu Jinzhan/Research and Progress of Solid State Electronics 31 (2011) , pp. 421-428+472, SCOPUS

ADCA314 KORDOŠ, Peter - MARSO, M. - MEYER, R. - LUTH, H. Schottky barrier height enhancement on n-InGaAs. In *Journal of Applied Physics*. - New York : American Institute of Physics, 1992, vol. 72, p. 2347. (1.731 - IF1991). (1992 - Current Contents, SCOPUS). ISSN 0021-8979.

Ohlasy:

[1.1] ASAR, T. - OZCELIK, S. - OZBAY, E. In JOURNAL OF APPLIED PHYSICS. MAR 14 2014, vol. 115, no. 10., WOS

[1.1] CHAND, S. - KAUSHAL, P. - OSVALD, J. In MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING. APR 2013, vol. 16, no. 2, p. 454-460., WOS

[1.1] TUNG, R.T. In APPLIED PHYSICS REVIEWS. MAR 2014, vol. 1, no. 1., WOS

ADCA315 KORDOŠ, Peter - MARSO, M. - FÖRSTER, A. - DARMO, Juraj - BETKO, Július - NIMTZ, G. Space-charge controlled conduction in low-temperature-grown molecular-beam epitaxial GaAs. In *Applied Physics Letters*, 1997, vol. 71, p. 1118. (3.092 - IF1996). (1997 - Current Contents, SCOPUS). ISSN 0003-6951.

Ohlasy:

[1.1] CAMPBELL, S. - ACKEMANN, T. - FRASER, H. - MISSOUS, M. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. MAR 2014, vol. 29, no. 3., WOS

[1.1] DUBECKY, F. - DUBECKY, M. - HUBIK, P. - KINDL, D. - GOMBIA, E. - BALDINI, M. - NECAS, V. In SOLID-STATE ELECTRONICS. APR 2013, vol. 82, p. 72-76., WOS

[1.1] DUBECKY, F. - HUBIK, P. - GOMBIA, E. - KINDL, D. - DUBECKY, M. - MUDRON, J. - BOHACEK, P. - SEKACOVA, M. In NINTH INTERNATIONAL CONFERENCE ON ADVANCED SEMICONDUCTOR DEVICES AND MICROSYSTEMS. 2012, p. 143-146., WOS

ADCA316 KORDOŠ, Peter - KÚDELA, Róbert - GREGUŠOVÁ, Dagmar - DONOVAL, D. The effect of passivation on the performance of AlGaN/GaN heterostructure field-effect transistors. In *Semiconductor Science and Technology*. - Bristol : Institute of Physics, 2006, vol. 21, p. 1592-1596. (2006 - Current Contents). ISSN 0268-1242.

Ohlasy:

[1.1] CHO, S.J. - WANG, C. - KIM, N.Y. In THIN SOLID FILMS. APR 30 2012, vol. 520, no. 13, p. 4455-4458., WOS

[1.1] LIAO, S.Y. - LU, C.C. - CHANG, T. - HUANG, C.F. - CHENG, C.H. - CHANG, L.B. In JOURNAL OF NANOSCIENCE AND

NANOTECHNOLOGY. AUG 2014, vol. 14, no. 8, p. 6243-6246., WOS
[1.1] MCKERRACHER, I. - FU, L. - TAN, H.H. - JAGADISH, C. In JOURNAL OF APPLIED PHYSICS. DEC 1 2012, vol. 112, no. 11., WOS
[1.1] MUTTA, G.R. - BRAZZINI, T. - MECHIN, L. - GUILLET, B. - ROUTOURE, J.M. - DOUALAN, J.L. - GRANDAL, J. - SILLER, M.D.S. - CALLE, F. - RUTERANA, P. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. SEP 2014, vol. 29, no. 9., WOS

ADCA317 KORDOŠ, Peter - GREGUŠOVÁ, Dagmar - STOKLAS, Roman - GAŽI, Štefan - NOVÁK, Jozef. Transport properties of AlGaN/GaN metal-oxide-semiconductor heterostructure field-effect transistors with Al2O3 different thickness. In *Solid-State Electronics*, 2008, vol. 52, p. 973-979. (1.260 - IF2007). ISSN 0038-1101.

Ohlasy:
[1.1] BI, Z.W. - HAO, Y. - FENG, Q. - GAO, Z.Y. - ZHANG, J.C. - MAO, W. - ZHANG, K. - MA, X.H. - LIU, H.X. - YANG, L.A. - MEI, N. - CHANG, Y.M. In CHINESE PHYSICS LETTERS. FEB 2012, vol. 29, no. 2., WOS
[1.1] ESPOSTO, M. - KRISHNAMOORTHY, S. - NATH, D.N. - BAJAJ, S. - HUNG, T.H. - RAJAN, S. In APPLIED PHYSICS LETTERS. SEP 26 2011, vol. 99, no. 13., WOS
[1.1] HUNG, T.H. - ESPOSTO, M. - RAJAN, S. In APPLIED PHYSICS LETTERS. OCT 17 2011, vol. 99, no. 16., WOS
[1.1] HUNG, T.H. - KRISHNAMOORTHY, S. - ESPOSTO, M. - NATH, D.N. - PARK, P.S. - RAJAN, S. In APPLIED PHYSICS LETTERS. FEB 18 2013, vol. 102, no. 7., WOS
[1.1] JI, D. - LIU, B. - LU, Y.W. - LIU, G.P. - ZHU, Q.S. - WANG, Z.G. In APPLIED PHYSICS LETTERS. MAR 26 2012, vol. 100, no. 13., WOS
[1.1] JI, D. - LU, Y.W. - LIU, B. - LIU, G.P. - ZHU, Q.S. - WANG, Z.G. In THIN SOLID FILMS. MAY 1 2013, vol. 534, p. 655-658., WOS
[1.1] KAMBAYASHI, H. - NOMURA, T. - UEDA, H. - HARADA, K. - MOROZUMI, Y. - HASEBE, K. - TERAMOTO, A. - SUGAWA, S. - OHMI, T. In JAPANESE JOURNAL OF APPLIED PHYSICS. APR 2013, vol. 52, no. 4, 2, SI., WOS
[1.1] KIM, K.W. - JUNG, S.D. - KIM, D.S. - IM, K.S. - KANG, H.S. - LEE, J.H. - BAE, Y. - KWON, D.H. - CRISTOLOVEANU, S. In MICROELECTRONIC ENGINEERING. JUL 2011, vol. 88, no. 7, p. 1225-1227., WOS
[1.1] KIRKPATRICK, C. - LEE, B. - YANG, X.Y. - MISRA, V. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 8, NO 7-8. 2011, vol. 8, no. 7-8., WOS
[1.1] KIRKPATRICK, C.J. - LEE, B. - SURI, R. - YANG, X.Y. - MISRA, V. In IEEE ELECTRON DEVICE LETTERS. SEP 2012, vol. 33, no. 9, p. 1240-1242., WOS
[1.1] LIU, S.H. - WANG, J.Y. - GONG, R.M. - LIN, S.X. - DONG, Z.H. - YU, M. - WEN, C.P. - ZENG, C.H. - CAI, Y. - ZHANG, B.S. - XU, F.J. - ZHANG, J.C. - SHEN, B. In JAPANESE JOURNAL OF APPLIED PHYSICS. APR 2011, vol. 50, no. 4, Part 2, SI., WOS
[1.1] LIU, X. - YELURI, R. - KIM, J. - LAL, S. - RAMAN, A. - LUND, C. - WIENECKE, S. - LU, J. - LAURENT, M. - KELLER, S. - MISHRA, U.K. In APPLIED PHYSICS LETTERS. JUL 29 2013, vol. 103, no. 5., WOS

[1.1] MAZUMDER, B. - LIU, X. - YELURI, R. - WU, F. - MISHRA, U.K. - SPECK, J.S. In JOURNAL OF APPLIED PHYSICS. OCT 7 2014, vol. 116, no. 13., WOS
[1.1] MENG, D. - LIN, S.X. - WEN, C.P. - WANG, M.J. - WANG, J.Y. - HAO, Y.L. - ZHANG, Y.H. - LAU, K.M. - WU, W.G. In IEEE ELECTRON DEVICE LETTERS. JUN 2013, vol. 34, no. 6, p. 738-740., WOS
[1.1] OSVALD, J. In JOURNAL OF APPLIED PHYSICS. OCT 1 2011, vol. 110, no. 7., WOS
[1.1] OSVALD, J. In JOURNAL OF ELECTRONIC MATERIALS. JUN 2013, vol. 42, no. 6, p. 1184-1189., WOS
[1.1] OSVALD, J. In NINTH INTERNATIONAL CONFERENCE ON ADVANCED SEMICONDUCTOR DEVICES AND MICROSYSTEMS. 2012, p. 59-62., WOS
[1.1] OSVALD, J. In PHYSICA STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE. JUL 2013, vol. 210, no. 7, p. 1340-1344., WOS
[1.1] OSVALD, J. In PHYSICS OF SEMICONDUCTOR DEVICES. 2014, p. 215-217., WOS
[1.1] PANG, L. - KIM, K. In 2013 IEEE POWER AND ENERGY CONFERENCE AT ILLINOIS (PECI). 2013, p. 8-12., WOS
[4] Osvald, J.: ADEPT 2013. Žilina: Univ. Žilina 2013. ISBN 978-80-554-0689-3. P. 36.

ADCA318 KORDOŠ, Peter - STOKLAS, Roman - GREGUŠOVÁ, Dagmar - GAŽI, Štefan - NOVÁK, Jozef. Trapping effects in Al2O3/AlGaN/GaN metal-oxide-semiconductor heterostructure field-effect transistor investigated by temperature dependent conductance measurement. In *Applied Physics Letters*, 2010, vol. 96, 013505. (3.554 - IF2009). (2010 - Current Contents, SCOPUS). ISSN 0003-6951.

Ohlasy:
[1.1] ARSLAN, E. - BUTUN, S. - SAFAK, Y. - CAKMAK, H. - YU, H.B. - OZBAY, E. In MICROELECTRONICS RELIABILITY. MAR 2011, vol. 51, no. 3, p. 576-580., WOS
[1.1] FREEDSMAN, J.J. - KUBO, T. - EGAWA, T. In APPLIED PHYSICS LETTERS. JUL 2 2012, vol. 101, no. 1., WOS
[1.1] LIAO, X.Y. - ZHANG, K. - ZENG, C. - ZHENG, X.F. - EN, Y.F. - LAI, P. - HAO, Y. In CHINESE PHYSICS B. MAY 2014, vol. 23, no. 5., WOS
[1.1] LIU, X. - KIM, J. - SUNTRUP, D.J. - WIENECKE, S. - TAHHAN, M. - YELURI, R. - CHAN, S.H. - LU, J. - LI, H. - KELLER, S. - MISHRA, U.K. In APPLIED PHYSICS LETTERS. JUN 30 2014, vol. 104, no. 26., WOS
[1.1] LU, X. - MA, J. - JIANG, H.X. - LAU, K.M. In APPLIED PHYSICS LETTERS. JAN 20 2014, vol. 104, no. 3., WOS
[1.1] MA, J. - LU, X. - JIANG, H.X. - LIU, C. - LAU, K.M. In APPLIED PHYSICS EXPRESS. SEP 2014, vol. 7, no. 9., WOS
[1.1] MA, X.H. - CHEN, W.W. - HOU, B. - ZHANG, K. - ZHU, J.J. - ZHANG, J.C. - ZHENG, X.F. - HAO, Y. In APPLIED PHYSICS LETTERS. MAR 3 2014, vol. 104, no. 9., WOS
[1.1] SHIH, H.A. - KUDO, M. - SUZUKI, T.K. In JOURNAL OF APPLIED PHYSICS. NOV 14 2014, vol. 116, no. 18., WOS
[1.1] ZHANG, K. - WU, M. - LEI, X.Y. - CHEN, W.W. - ZHENG, X.F. - MA, X.H. - HAO, Y. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY.

JUL 2014, vol. 29, no. 7., WOS
[1.1] ZHANG, K. - XUE, J.S. - CAO, M. - YANG, L.Y. - CHEN, Y.H. - ZHANG, J.C. - MA, X.H. - HAO, Y. In JOURNAL OF APPLIED PHYSICS. MAY 7 2013, vol. 113, no. 17., WOS
[1.1] ZHANG, P. - ZHAO, S.L. - XUE, J.S. - ZHANG, K. - MA, X.H. - ZHANG, J.C. - HAO, Y. In CHINESE PHYSICS LETTERS. MAR 2014, vol. 31, no. 3., WOS
[1.1] ZHOU, Y. - LIN, Z.J. - LUAN, C.B. - ZHAO, J.T. - YANG, Q.H. - YANG, M. - WANG, Y.T. - FENG, Z.H. - LV, Y.J. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. SEP 2014, vol. 29, no. 9., WOS
[1.2] Kaushik, J.K., Balakrishnan, V.R., Panwar, B.S., Muralidharan, R. IEEE 2nd ICEE 2014 - 7151157, SCOPUS

ADCA319 KORENKO, Michal - KUCHARÍK, Marián - OBOŇA, Jozef Vincenc - JANIČKOVIČ, Dušan - CÓRDOBA, R. - DE TERESA, J.M. - KUBÍKOVÁ, Blanka. Nanotubes made from deeply undercooled cryolite/alumina melts. In *Helvetica Chimica Acta*, 2008, vol. 91, pp. 1389-1399. (1.515 - IF2007).
Ohlasy:
[1.1] HUANG, G. - LUO, Z.C. - HU, Y.D. - GUO, Y.A. - JIANG, Y.X. - WEI, S.J. In CHEMICAL ENGINEERING JOURNAL. JUL 1 2012, vol. 195, p. 165-172., WOS

ADCA320 KORPELA, A. - KALLIOHAKA, T. - LEHTONEN, J. - MIKKONEN, R. - PITEL, Jozef - KOVÁČ, Pavol. Relation between different critical current criteria and quench current in HTS magnets. In *Physica C*, 2002, vol. 372-376, p. 1360-1363. (0.806 - IF2001). (2002 - Current Contents, WOS, SCOPUS). ISSN 0921-4534.
Ohlasy:
[1.1] NAGASAKI, Y. - NAKAMURA, T. - FUNAKI, I. - ASHIDA, Y. - YAMAKAWA, H. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 2., WOS

ADCA321 KORYTÁR, Dušan - HRIVNÁK, M. Experimental and computer simulated makyoh images of semiconductor wafers. In *Japanese Journal of Applied Physics*, 1993, vol. 32, p. 693.
Ohlasy:
[1.1] RIESZ, F. In JOURNAL OF OPTICS. JUL 2013, vol. 15, no. 7., WOS
[1.1] RIESZ, F. In OPTICS AND LASER TECHNOLOGY. FEB 2011, vol. 43, no. 1, p. 245-247., WOS

ADCA322 KORYTÁR, Dušan - FERRARI, C. - BOCHNÍČEK, Z. X-ray multiple-beam analysis in high-resolution diffractometry of III-V heterostructures. In *Journal of Applied Crystallography*, 1998, vol. 31, p. 570-574. (1.988 - IF1997). (1998 - Current Contents). ISSN 0021-8898.
Ohlasy:
[1.1] KYUTT, R. - SCHEGLOV, M. In JOURNAL OF APPLIED CRYSTALLOGRAPHY. AUG 2013, vol. 46, 4, p. 861-867., WOS
[1.1] KYUTT, R.N. In TECHNICAL PHYSICS. MAY 2011, vol. 56, no. 5, p. 668-675., WOS
[1.1] KYUTT, R.N. In TECHNICAL PHYSICS LETTERS. JAN 2012, vol.

38, no. 1, p. 38-41., WOS
[1.1] KYUTT, R.N. - SCHEGLOV, M.P. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 10, NO 3. 2013, vol. 10, no. 3, p. 476-480., WOS

ADCA323 KOTTMAN, Peter - POLÁK, Milan - PITEL, Jozef - BUCHTA, Štefan - DANIELIK, Ľ. - HANIC, František - PLESCH, G. Magnetic field distribution above superconducting Y-Ba-Cu-O sample as an indication of sample inhomogeneities. In *Superconductor Science and Technology*, 1994, vol. 7, p. 67. (1.341 - IF1993). (1994 - Current Contents, SCOPUS). ISSN 0953-2048.
Ohlasy:
[1.1] USAK, P. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. APR 2011, vol. 24, no. 4., WOS

ADCA324 KOVÁČ, Ján - ŠOUC, Ján - KOVÁČ, Pavol. Experimental study of the AC magnetization loss in MgB2 superconducting wires at different temperatures. In *Physica C*, 2012, vol. 475, p. 1-4. (1.014 - IF2011). (2012 - Current Contents, WOS, SCOPUS). ISSN 0921-4534.
Ohlasy:
[1.1] MAGNUSSON, N. - ABRAHAMSEN, A.B. - LIU, D. - RUNDE, M. - POLINDER, H. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. NOV 15 2014, vol. 506, SI, p. 133-137., WOS
[1.1] TAXT, H. - MAGNUSSON, N. - RUNDE, M. - BRISIGOTTI, S. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 3., WOS

ADCA325 KOVÁČ, Ján - ŠOUC, Ján - KOVÁČ, Pavol - HUŠEK, Imrich - GÖMÖRY, Fedor. Experimental study of magnetization AC loss in MgB2 wires and cables with non-magnetic sheath. In *Physica C*, 2013, vol. 495, p. 182-186. (0.718 - IF2012). (2013 - Current Contents, WOS, SCOPUS). ISSN 0921-4534.
Ohlasy:
[1.1] MAGNUSSON, N. - ABRAHAMSEN, A. B. - LIU, D. - RUNDE, M. - POLINDER, H. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. NOV 15 2014, vol. 506, SI, p. 133-137., WOS
[1.1] MAGNUSSON, N. - LINDAU, S. - TAXT, H. - RUNDE, M. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. OCT 2014, vol. 27, no. 10., WOS

ADCA326 KOVÁČ, Ján - ŠRAMATÝ, R. - CHVÁLA, A. - SIBBONI, H. - DI FORTE POISSON, M.A. - DONOVAL, D. - KORDOŠ, Peter. Schottky barrier height on thermally oxidized InAlN surface evaluated by electrical and optical measurements. In *Applied Physics Letters*, 2011, vol. 98, art. no. 162111. (3.841 - IF2010). (2011 - Current Contents, SCOPUS). ISSN 0003-6951.
Ohlasy:
[1.1] HASAN, M.T. - TOKUDA, H. - KUZUHARA, M. In APPLIED PHYSICS LETTERS. SEP 26 2011, vol. 99, no. 13., WOS
[1.1] MINJ, A. - CAVALCOLI, D. - CAVALLINI, A. In NANOTECHNOLOGY. MAR 23 2012, vol. 23, no. 11., WOS

ADCA327 KOVÁČ, Pavol - HUŠEK, Imrich - KOPERA, Ľubomír. Application of two-axial rolling for multicore Bi(2223)/Ag tapes. In *Superconductor Science and Technology*, 1997, vol. 10, p. 982. (1.447 - IF1996). (1997 - Current Contents, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] JIANG, J.Y. - MIAO, H.P. - HUANG, Y.B. - HONG, S. - PARRELL, J.A. - SCHEUERLEIN, C. - DI MICHIEL, M. - GHOSH, A.K. - TROCIEWITZ, U.P. - HELLSTROM, E.E. - LARBALESTIER, D.C. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 3., WOS

[1.1] STENVALL, A. - GRILLI, F. - VOJENCIAK, M. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. AUG 2011, vol. 24, no. 8., WOS

ADCA328 KOVÁČ, Pavol - RICHENS, P.E. - BUKVA, Peter - JONES, H. - HUŠEK, Imrich. Applied rolling and sensitivity of Bi(2223)/Ag tapes on Ic degradation by mechanical stress. In *Superconductor Science and Technology*. - Bristol : IOP Publishing Ltd., 1999, vol. 12, p. 168-171. (2.050 - IF1998). (1999 - Current Contents, SCOPUS).

Ohlasy:

[1.2] Parinov, I.A.: In: Microstructure and Properties of High-Temperature Superconductors. Berlin: Springer-Verlag 2012. 2nd ed. ISBN: 978-3-642-34440-4 779 s., SCOPUS

ADCA329 KOVÁČ, Pavol - HUŠEK, Imrich - PACHLA, W. - KULCZYK, M. - MELIŠEK, Tibor - DVORÁK, Tomáš. As-deformed filament's density and transport currents of MgB2/Ti/Glidcop wire. In *Journal of Alloys and Compounds*, 2011, vol. 509, p. 8783-8787. (2.138 - IF2010). (2011 - Current Contents). ISSN 0925-8388.

Ohlasy:

[1.1] WOZNIAK, M. - GIOWACKI, B.A. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAR 2014, vol. 27, no. 3., WOS

ADCA330 KOVÁČ, Pavol - HUŠEK, Imrich - MELIŠEK, Tibor - ŠTRBÍK, Vladimír. Basic properties of rectangular MgB2/FeNiCo and MgB2/Fe wires made in situ. In *Superconductor Science and Technology*. - Bristol : IOP Publishing Ltd., 2005, vol. 18, p. 856-860. (1.556 - IF2004). (2005 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] YE, S.J. - MATSUMOTO, A. - TOGANO, K. - ZHANG, Y.C. - OHMURA, T. - KUMAKURA, H. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAY 2014, vol. 27, no. 5., WOS

ADCA331 KOVÁČ, Pavol - KOPERA, Ľubomír - HUŠEK, Imrich - CESNAK, Ladislav. Bending of Bi(2223)/Ag tapes at 77K and 300K. In *Superconductor Science and Technology*, 1996, vol. 9, p. 792. (1.493 - IF1995). (1996 - Current Contents, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] CHEN, Z.F. - ZHANG, J.Y. - WEI, Z.Q. - WANG, L.Z. - XIN, Y. - GONG, W.Z. - HONG, H. In 2013 IEEE International Conference on Applied

Superconductivity and Electromagnetic Devices (ASEMD). 2013, p. 391-394., WOS

ADCA332 KOVÁČ, Pavol - HUŠEK, Imrich - PACHLA, W. Ceramic core density and homogenity in BSCCO/Ag tapes. In *IEEE Transactions on Applied Superconductivity*, 1997, vol. 7, p. 2098. (0.763 - IF1996). (1997 - Current Contents).

Ohlasy:

[1.1] YAO, C. - MA, Y.W. - ZHANG, X.P. - WANG, D.L. - WANG, C.L. - LIN, H. - ZHANG, Q.J. In APPLIED PHYSICS LETTERS. FEB 25 2013, vol. 102, no. 8., WOS

ADCA333 KOVÁČ, Pavol - MASTI, M. - LEHTONEN, J. - KOPERA, Ľubomír - KAWANO, K. - ABELL, Sam - METZ, B. - DHALLÉ, M. Comparison and analysis of Hall probe scanning, magneto-optical imaging and magnetic knife measurements of Bi-2223/Ag tape. In *Superconductor Science and Technology*. - Bristol : IOP Publishing Ltd., 2005, vol. 18, p. 805-812. (1.556 - IF2004). (2005 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] HIGASHIKAWA, K. - YAMAMOTO, A. - KISS, T. - YE, S. - MATSUMOTO, A. - KUMAKURA, H. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. SEP 15 2014, vol. 504, p. 62-64., WOS

[1.1] NAKAO, K. - HIRATA, N. - ITOH, A. - MURAYAMA, Y. - SEKI, T. - MACHI, T. - TANABE, K. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAY 2013, vol. 26, no. 5., WOS

[1.2] Nascimento, F.M., Sergeenkov, S.,Araujo-Moreira, F.M. Physics Letters, Section A: General, Atomic and Solid State Physics 376 (2012), pp. 2722, SCOPUS

ADCA334 KOVÁČ, Pavol - HUŠEK, Imrich - CESNAK, Ladislav. Critical current recovery in Ag-sheathed Bi(2223) tapes after bending and streightening. In *Superconductor Science and Technology*, 1994, vol. 7, p. 583.

Ohlasy:

[1.2] Parinov, I.A.: In: Microstructure and Properties of High-Temperature Superconductors. Berlin: Springer-Verlag 2012. 2nd ed. ISBN: 978-3-642-34440-4 779 s., SCOPUS

ADCA335 KOVÁČ, Pavol - MELIŠEK, Tibor - DHALLÉ, M. - DEN OUDEN, A. - HUŠEK, Imrich. Critical currents of MgB2 wires prepared in situ and ex situ subjected to axial stress. In *Superconductor Science and Technology*. - Bristol : IOP Publishing Ltd., 2005, vol. 18, p. 1374-1379. (1.556 - IF2004). (2005 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] LI, C.S. - YAN, G. - WANG, Q.Y. - JIAO, G.F. - SULPICE, A. - YANG, F. - XIONG, X.M. - LIU, G.Q. - FENG, J.Q. - FENG, Y. - ZHANG, P.X. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. NOV 2013, vol. 494, p. 177-180., WOS

[1.1] NARDELLI, D. - MATERA, D. - VIGNOLO, M. - BOVONE, G. -

PALENZONA, A. - SIRI, A.S. - GRASSO, G. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUL 2013, vol. 26, no. 7., WOS

ADCA336 KOVÁČ, Pavol - HUŠEK, Imrich - MELIŠEK, Tibor - KOPERA, Ľubomír - REISSNER, M. Cu stabilized MgB2 composite wire with an NbTi barrier. In *Superconductor Science and Technology*, 2010, vol. 23, no., art. no. 025014. (2.694 - IF2009). (2010 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] SHIMADA, Y. - KUBOTA, Y. - HATA, S. - IKEDA, K. - NAKASHIMA, H. - MATSUMOTO, A. - TOGANO, K. - HUR, J. - KUMAKURA, H. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 3, p. 2668-2671., WOS

[1.1] SUN, Y.Y. - WANG, Q.Y. - YANG, F. - XIONG, X.M. - QI, M. - LIANG, M. - YAN, G. - SULPICE, A. - ZHANG, P.X. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. JUL 2012, vol. 477, p. 56-62., WOS

[1.1] SUN, Y.Y. - ZHANG, P.X. - WANG, Q.Y. - QI, M. - YANG, F. - JIAO, G.F. - LIU, G.Q. - SULPICE, A. - YAN, G. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. MAY 2012, vol. 25, no. 4, p. 943-950., WOS

[1.2] Sun, Y. Zhang, P., Wang, Q., Qi, M., Yang, F., Jiao, G., Yan, G.: Materials Science Forum 745-746 (2013) 173, SCOPUS

ADCA337 KOVÁČ, Pavol - HUŠEK, Imrich - MELIŠEK, Tibor - KOPERA, Ľubomír. Current densities of thin filament MgB2/Ti/GlidCop® wire. In *Superconductor Science and Technology*, 2011, vol. 24, 105006. (2.402 - IF2010). (2011 - Current Contents, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] VIGNOLO, M. - BOVONE, G. - BELLINGERI, E. - BERNINI, C. - ROMANO, G. - BUSCAGLIA, M. T. - BUSCAGLIA, V. - SIRI, A. S. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUN 2014, vol. 27, no. 6., WOS

ADCA338 KOVÁČ, Pavol - REISSNER, M. - MELIŠEK, Tibor - HUŠEK, Imrich - MOHAMMAD, S. Current densities of MgB2 wires by combined ex situ/in situ process. In *Journal of Applied Physics*, 2009, vol. 106, art. no. 013910. (2.201 - IF2008). (2009 - Current Contents, WOS, SCOPUS). ISSN 0021-8979.

Ohlasy:

[1.1] MARTINEZ, E. - NAVARRO, R. - ANDRES, J.M. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. DEC 2013, vol. 26, no. 12., WOS

[1.1] YUCEL, E. - TERZIOGLU, C. - VARILCI, A. - BELENLI, I. In JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS. AUG 2011, vol. 22, no. 8, p. 1143-1153., WOS

ADCA339 KOVÁČ, Pavol - DHALLÉ, M. - MELIŠEK, Tibor - VAN ECK, H.J.N. - WESSEL, W.A.J. - HAKEN, B. ten - HUŠEK, Imrich. Dependence of the critical current in ex situ multi- and mono-filamentary MgB2/Fe wires on axial tension and compression. In *Superconductor Science and Technology*, 2003, vol. 16, p.

600-607. (2.138 - IF2002). (2003 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] WANG, Q.Y. - YAN, G. - ZHANG, P.X. - SULPICE, A. - YANG, F. - XIONG, X.M. - FENG, J.Q. - JI, P. - LI, C.S. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. JAN 2013, vol. 484, p. 163-166., WOS

[1.1] YONEZU, A. - CHEN, X. In MATERIALS CHEMISTRY AND PHYSICS. FEB 15 2011, vol. 125, no. 3, p. 528-535., WOS

ADCA340 KOVÁČ, Pavol - BUKVA, Peter. Differences in applied axial strain and Ic degradation of Bi(2223)/Ag tapes. In *Superconductor Science and Technology*. - Bristol : IOP Publishing Ltd., 2001, vol. 14, no. 1, p. L8-L11. (1.250 - IF2000). (2001 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] GUAN, Mi.- WANG, X. - XIN, C. - WU, W. - MA, L. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. OCT 2014, vol. 27, no. 10, p. 2257-2262., WOS

[1.1] VAN DER LAAN, D.C. - ABRAIMOV, D. - POLYANSKII, A.A. - LARBALESTIER, D.C. - DOUGLAS, J.F. - SEMERAD, R. - BAUER, M. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. NOV 2011, vol. 24, no. 11., WOS

[1.1] VAN DER LAAN, D.C. - DOUGLAS, J.F. - GOODRICH, L.F. - SEMERAD, R. - BAUER, M. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. FEB 2012, vol. 22, no. 1, SI., WOS

ADCA341 KOVÁČ, Pavol - HUŠEK, Imrich - KULICH, Miloslav - MELIŠEK, Tibor - HUŠEKOVÁ, Kristína - DOBROČKA, Edmund. Effects influencing the grain connectivity in ex-situ MgB2 wires. In *Physica C*, 2010, vol. 470, p. 340-344. (0.723 - IF2009). (2010 - Current Contents, WOS, SCOPUS). ISSN 0921-4534.

Ohlasy:

[1.1] AKAMARU, S. - ISHIKAWA, F. - NISHIMURA, K. - ABE, T. - MATSUYAMA, M. In MATERIALS TRANSACTIONS. 2013, vol. 54, no. 12, p. 2258-2264., WOS

[1.1] GUO, Z.C. - LI, P.L. In ACTA PHYSICA SINICA. MAR 2014, vol. 63, no. 6., WOS

[1.1] YAKINCI, M.E. - YAKINCI, Z.D. - AKSAN, M.A. - BALCI, Y. In CRYOGENICS. DEC 2012, vol. 52, no. 12, SI, p. 749-754., WOS

[1.1] YUCEL, E. - YUCEL, Y. - BELENLI, I. In JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS. JUL 2012, vol. 23, no. 7, p. 1284-1292., WOS

ADCA342 KOVÁČ, Pavol - HUŠEK, Imrich - GÖMÖRY, Fedor - ODULEYE, O.O. - PACHLA, W. - DIDUSZKO, R. - MCN ALFORD, N. Electrical and mechanical properties of Bi-2223/Ag/barrier/Ag composite tapes. In *Superconductor Science and Technology*, 2000, vol. 13, p. 378-384. (1.728 - IF1999). (2000 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.2] Parinov, I.A.: In: Microstructure and Properties of High-Temperature

Superconductors. Berlin: Springer-Verlag 2012. 2nd ed. ISBN: 978-3-642-34440-4 779 s., SCOPUS

ADCA343 KOVÁČ, Pavol - KOPERA, Ľubomír. Electromechanical properties of filamentary MgB2 wires. In *IEEE Transactions on Applied Superconductivity*, 2012, vol. 22, 8400106. (1.041 - IF2011). (2012 - Current Contents, SCOPUS). ISSN 1051-8223.

Ohlasy:

[1.1] PASQUET, R. - BONELLI, A. - BERRIAUD, C. - JUSTER, F.P. - PRZYBILSKI, H. - REYNARD, B. - SCHILD, T. - SCOLA, L. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2014, vol. 24, no. 3., WOS

ADCA344 KOVÁČ, Pavol - HUŠEK, Imrich - MELIŠEK, Tibor - KOPERA, Ľubomír. Filamentary MgB2 wire twisted before and after heat treatment. In *Superconductor Science and Technology*, 2011, vol. 24, 115006. (2.402 - IF2010). (2011 - Current Contents, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] MAGNUSSON, N. - LINDAU, S. - TAXT, H. - RUNDE, M. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. OCT 2014, vol. 27, no. 10., WOS

[1.2] Yan, G., Wang, Q., Liu, G., Xiong, X., Pan, X., Feng, Y. Materials China Vol 32, (2013), Pp 550-561, SCOPUS

ADCA345 KOVÁČ, Pavol - HUŠEK, Imrich - MELIŠEK, Tibor - KOPERA, Ľubomír - POLÁK, Milan. Filamentary MgB2 superconductors with titanium barriers. In *Journal of Superconductivity and Novel Magnetism*, 2013, vol. 26, p. 2109-2114. (0.702 - IF2012). (2013 - Current Contents, WOS, SCOPUS). ISSN 1557-1939.

Ohlasy:

[1.1] MAGNUSSON, N. - LINDAU, S. - TAXT, H. - RUNDE, M. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. OCT 2014, vol. 27, no. 10., WOS

ADCA346 KOVÁČ, Pavol - HUŠEK, Imrich - ROSOVÁ, Alica - MELIŠEK, Tibor - KOPERA, Ľubomír. Fine-filamentary in situ MgB2 wires. In *Superconductor Science and Technology*, 2010, vol. 23, 105006. (2.694 - IF2009). (2010 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] GIUNCHI, G. - SAGLIETTI, L. - ALBISETTI, A.F. - PERINI, E. - SCHIAVONE, C. - RIPAMONTI, G. - UGLIETTI, D. - BRUZZONE, P.L. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 3., WOS

[1.1] HOSSAIN, M.S.A. - SENATORE, C. - RINDFLEISCH, M. - FLUKIGER, R. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUL 2011, vol. 24, no. 7., WOS

[1.1] VIGNOLO, M. - BOVONE, G. - BERNINI, C. - PALENZONA, A. - KAWALE, S. - ROMANO, G. - SIRI, A.S. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. OCT 2013, vol. 26, no. 10., WOS

[1.1] WANG, Q.Y. - ZHANG, P.X. - YAN, G. - SULPICE, A. - XIONG, X.M. - YANG, F. - LIU, G.Q. - JIAO, G.F. - LI, C.S. In RARE METAL

MATERIALS AND ENGINEERING. MAY 2013, vol. 42, no. 5, p. 881-884., WOS

[1.2] Yan, G., Wang, Q., Liu, G., Xiong, X., Pan, X., Feng, Y. Materials China Vol 32, (2013), Pp 550-561, SCOPUS

ADCA347 KOVÁČ, Pavol - HENSE, K. - MELIŠEK, Tibor - HUŠEK, Imrich - KIRCHMAYR, H. Ic anisotropy and Ic hysteresis in MgB2/Fe/Cu tape. In *Superconductor Science and Technology*, 2002, vol. 15, p. 1037-1039. (1.511 - IF2001). (2002 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] CHEN, L.P. - ZHANG, C. - WANG, Y.B. - WANG, Y. - FENG, Q.R. - GAN, Z.Z. - YANG, J.Z. - LI, X.G. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JAN 2011, vol. 24, no. 1., WOS

ADCA348 KOVÁČ, Pavol - MELIŠEK, Tibor - HUŠEK, Imrich. Ic anisotropy of in situ made MgB2 tapes. In *Superconductor Science and Technology*, 2005, vol. 18, p. L45-L48. (1.556 - IF2004). (2005 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] FLUKIGER, R. - HOSSAIN, M.S.A. - SENATORE, C. - RINDFLEISCH, M. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. NOV 2011, vol. 471, no. 21-22, p. 1119-1123., WOS

[1.1] LIANG, G. - FANG, H. - LUO, Z.P. - KEITH, S. - HOYT, C. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 3, p. 2672-2675., WOS

ADCA349 KOVÁČ, Pavol - HUŠEK, Imrich - MELIŠEK, Tibor. Improved current density of filamentary MgB2 wire by two-stage formation. In *Physica C*, 2012, vol. 475, p. 43-45. (1.014 - IF2011). (2012 - Current Contents, WOS, SCOPUS). ISSN 0921-4534.

Ohlasy:

[1.1] KULICH, M. - FLUKIGER, R.L. - SENATORE, C. - TROPEANO, M. - PICCARDO, R. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. OCT 2013, vol. 26, no. 10., WOS

[1.2] Yan, G., Wang, Q., Liu, G., Xiong, X., Pan, X., Feng, Y. Materials China Vol 32, (2013), Pp 550-561, SCOPUS

ADCA350 KOVÁČ, Pavol - HUŠEK, Imrich - PACHLA, W. - MARCINIAK, H. - MELIŠEK, Tibor. Improvement in core density of BSCCO/Ag tapes by cold isostatic pressing. In *Physica C : Superconductivity and Its Applications*, 1996, vol. 261, p. 131. (1.710 - IF1995). (1996 - Current Contents, SCOPUS). ISSN 0921-4534.

Ohlasy:

[1.1] XIE, P. - QU, T.M. - HUANG, K.T. - FENG, F. - HAN, Z.H. In MATERIALS EXPRESS. APR 2014, vol. 4, no. 2, p. 105-114., WOS

ADCA351 KOVÁČ, Pavol - HUŠEK, Imrich - MELIŠEK, Tibor - HAESSLER, W. - HERRMANN, M. Improvement of current density by texture and Ic anisotropy in thin filament MgB2/Fe tapes. In *Superconductor Science and Technology*, 2006, vol.

19, p. 998-1002. (1.896 - IF2005). (2006 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] KIM, J.H. - OH, S. - KUMAKURA, H. - MATSUMOTO, A. - HEO, Y.U. - SONG, K.S. - KANG, Y.M. - MAEDA, M. - RINDFLEISCH, M. - TOMSIC, M. - CHOI, S. - DOU, S.X. In ADVANCED MATERIALS. NOV 9 2011, vol. 23, no. 42, p. 4942-4946., WOS

ADCA352 KOVÁČ, Pavol - HUŠEK, Imrich - MELIŠEK, Tibor - GROVENOR, C.R.M. - HAIGH, S. - JONES, H. Improvement of the current carrying capability of ex situ MgB2 wires by normal particle additions. In *Superconductor Science and Technology*. - Bristol : IOP Publishing Ltd., 2004, vol. 17, p. 1225-1230. (2.247 - IF2003). (2004 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] BADICA, P. - ALDICA, G. - BURDUSEL, M. - POPA, S. - NEGREA, R.F. - ENCULESCU, M. - PASUK, I. - MIU, L. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. SEP 2014, vol. 27, no. 9., WOS

[1.1] SUN, Yu Yan - ZHANG, Ping Xiang - SULPICE, Andre - MOSSANG, Eric - LIANG, Ming - YAN, Guo. In JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS. APR 2013, vol. 24, no. 4, p. 1250-1255., WOS

[1.1] TRIPATHI, D. - DEY, T.K. In JOURNAL OF APPLIED PHYSICS. SEP 7 2013, vol. 114, no. 9., WOS

[1.1] TRIPATHI, D. - DEY, T.K. In INDIAN JOURNAL OF PHYSICS. NOV 2014, vol. 88, no. 11, p. 1175-1182., WOS

[1.1] TRIPATHI, D. - DEY, T.K. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. JUL 2014, vol. 27, no. 7, p. 1647-1658., WOS

ADCA353 KOVÁČ, Pavol - HUŠEK, Imrich - MELIŠEK, Tibor - AHORANTA, M. - ŠOUC, Ján - LEHTONEN, J. - GÖMÖRY, Fedor. Magnetic interaction of iron sheath with superconductor. In *Superconductor Science and Technology*, 2003, vol. 16, p. 1195-1201. (2.138 - IF2002). (2003 - Current Contents, WOS, SCOPUS).

Ohlasy:

[1.1] AINSLIE, M.D. - YUAN, W.J. - FLACK, T.J. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 2., WOS

[1.2] Cicek, A., Inanir, F. Progress in Exergy, Energy, and the Environment Eds. Ibrahim Dincer, Adnan Midilli, Haydar Kucuk. Springer 2014. ISBN: 978-3-319-04680-8. P. 453-458, SCOPUS

ADCA354 KOVÁČ, Pavol - HUŠEK, Imrich - MELIŠEK, Tibor. MgB2 cable made from two-axially rolled wires. In *Superconductor Science and Technology*, 2008, vol. 21, 125003. (2.547 - IF2007). (2008 - Current Contents, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] HOSSAIN, M.S.A. - GAZDER, A.A. - BARUA, S. - MOTAMAN, A. - PATEL, D. - KIM, J.H. - KARIO, A. - RINGSDORF, B. - RUNTSCH, B. - JUNG, A. - RINDFLEISCH, M. - DOU, S.X. - GOLDACKER, W. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. OCT 2014, vol. 24, no. 5., WOS

[1.1] STENVALL, A. - GRILLI, F. - VOJENCIAK, M. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. AUG 2011, vol. 24, no. 8., WOS

ADCA355 KOVÁČ, Pavol - HUŠEK, Imrich - MELIŠEK, Tibor - KULICH, Miloslav - ŠTRBÍK, Vladimír. MgB2 composite wires with Fe, Nb, and Ta sheaths. In *Superconductor Science and Technology*. - Bristol : IOP Publishing Ltd., 2006, vol. 19, p. 600-605. (1.896 - IF2005). (2006 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] FUJII, H. - TOGANO, K. - OZAWA, K. - KUMAKURA, H. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 3, p. 2664-2667., WOS

[1.1] JARVELA, J. - STENVALL, A. - MIKKONEN, R. - RINDFLEISCH, M. In CRYOGENICS. JUL 2011, vol. 51, no. 7, p. 400-407., WOS

[1.1] MA, Z.Q. - LIU, Y.C. In INTERNATIONAL MATERIALS REVIEWS. NOV 2011, vol. 56, no. 5-6, p. 267-286., WOS

ADCA356 KOVÁČ, Pavol - HUŠEK, Imrich - DOBROČKA, Edmund - MELIŠEK, Tibor - HAESSLER, W. - HERRMANN, M. MgB2 tapes made of mechanically alloyed precursor powder in different metallic sheaths. In *Superconductor Science and Technology*, 2008, vol. 21, p. 015004. (2.547 - IF2007). (2008 - Current Contents, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] SUN, Y.Y. - LIU, G.Q. - QI, M. - SULPICE, A. - MOSSANG, E. - YAN, G. - ZHANG, P.X. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. FEB 2013, vol. 485, p. 24-29., WOS

[1.1] SUN, Y.Y. - WANG, Q.Y. - YANG, F. - XIONG, X.M. - QI, M. - LIANG, M. - YAN, G. - SULPICE, A. - ZHANG, P.X. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. JUL 2012, vol. 477, p. 56-62., WOS

[1.1] SUN, Y.Y. - ZHANG, P.X. - SULPICE, A. - MOSSANG, E. - LIANG, M. - YAN, G. In JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS. APR 2013, vol. 24, no. 4, p. 1250-1255., WOS

[1.1] TAKAHASHI, M. - KUMAKURA, H. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUL 2013, vol. 26, no. 7., WOS

[1.2] Sun, Y. Zhang, P., Wang, Q., Qi, M., Yang, F., Jiao, G., Yan, G.: Materials Science Forum 745-746 (2013) 173, SCOPUS

ADCA357 KOVÁČ, Pavol - CESNAK, Ladislav. Monolithic multifilamentary Nb3Sn conductor for tested in small coils wound after heat treatment. In *Cryogenics*, 1992, vol. 32, p. 675.

Ohlasy:

[1.1] FROLEK, L. - SOUC, J. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. OCT 2011, vol. 24, no. 10., WOS

[1.2] Bendjemil, B. In International Journal of Self-Propagating High-Temperature Synthesis 20 (2011) , pp. 229-235, SCOPUS

ADCA358 KOVÁČ, Pavol - PACHLA, W. - HUŠEK, Imrich - KULCZYK, M. - MELIŠEK, Tibor - HOLÚBEK, Tomáš - DIDUSZKO, R. - REISSNER, M.

Multicore MgB2 wires made by hydrostatic extrusion. In *Physica C*, 2008, vol. 468, p. 2356- 2360. (1.079 - IF2007). (2008 - Current Contents, WOS, SCOPUS). ISSN 0921-4534.

Ohlasy:

[1.1] GRIVEL, J.C. - ANDERSEN, N.H. - PALLEWATTA, P.G.A.P. - ZHAO, Y. - VON ZIMMERMANN, M. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JAN 2012, vol. 25, no. 1., WOS

[1.1] SUN, Y.Y. - ZHANG, P.X. - WANG, Q.Y. - QI, M. - YANG, F. - JIAO, G.F. - LIU, G.Q. - SULPICE, A. - YAN, G. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. MAY 2012, vol. 25, no. 4, p. 943-950., WOS

ADCA359 KOVÁČ, Pavol - MELIŠEK, Tibor - KOPERA, Ľubomír - HUŠEK, Imrich - POLÁK, Milan - KULICH, Miloslav. Progress in electrical and mechanical properties of rectangular MgB2 wires. In *Superconductor Science and Technology*, 2009, vol. 22, art. no. 075026. (1.847 - IF2008). (2009 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] HOSSAIN, M.S.A. - SENATORE, C. - RINDFLEISCH, M. - FLUKIGER, R. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUL 2011, vol. 24, no. 7., WOS

[1.1] MALACHEVSKY, M.T. - SERQUIS, A.C. - SERRANO, G. - ARIAS, J.P.M. - GIUNCHI, G. - PERINI, E. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 3, p. 2676-2679., WOS

[1.1] TANAKA, H. - YAMAMOTO, A. - SHIMOYAMA, J. - OGINO, H. - KISHIO, K. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. NOV 2012, vol. 25, no. 11., WOS

[1.1] YAMAMOTO, A. - TANAKA, H. - SHIMOYAMA, J. - OGINO, H. - KISHIO, K. - MATSUSHITA, T. In JAPANESE JOURNAL OF APPLIED PHYSICS. JAN 2012, vol. 51, no. 1, 1., WOS

ADCA360 KOVÁČ, Pavol - HUŠEK, Imrich - KOPERA, Ľubomír - MELIŠEK, Tibor - ROSOVÁ, Alica - DOBROČKA, Edmund. Properties of in situ made MgB2 in Nb or Ti sheath. In *Superconductor Science and Technology*, 2013, vol. 26, 025007. (2.758 - IF2012). (2013 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] LI, G. - ZWAYER, J. B. - KOVACS, C.J. - SUSNER, M. A. - SUMPTION, M. D. - RINDFLEISCH, M. A. - THONG, C. J. - TOMSIC, M. - COLLINGS, E. W. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2014, vol. 24, no. 3., WOS

[1.1] LI, G.Z. - SUMPTION, M.D. - ZWAYER, J.B. - SUSNER, M.A. - RINDFLEISCH, M.A. - THONG, C.J. - TOMSIC, M.J. - COLLINGS, E.W. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. SEP 2013, vol. 26, no. 9., WOS

ADCA361 KOVÁČ, Pavol - HUŠEK, Imrich - MELIŠEK, Tibor - MARTINEZ, E. - DHALLÉ, M. Properties of doped ex and in situ MgB2 multi-filament superconductors. In *Superconductor Science and Technology*. - Bristol : IOP Publishing Ltd., 2006, vol. 19, p. 1076-1082. (1.896 - IF2005). (2006 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:
[1.1] HOSSAIN, M.S.A. - GAZDER, A.A. - BARUA, S. - MOTAMAN, A. - PATEL, D. - KIM, J.H. - KARIO, A. - RINGSDORF, B. - RUNTSCH, B. - JUNG, A. - RINDFLEISCH, M. - DOU, S.X. - GOLDACKER, W. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. OCT 2014, vol. 24, no. 5., WOS

ADCA362 KOVÁČ, Pavol - KULICH, Miloslav - HAESSLER, W. - HERMANN, M. - MELIŠEK, Tibor - REISSNER, M. Properties of MgB2 wires made of oxidized powders. In *Physica C*, 2012, vol. 477, p. 20-23. (1.014 - IF2011). (2012 - Current Contents, WOS, SCOPUS). ISSN 0921-4534.
Ohlasy:
[1.1] BATENI, A. - REPP, S. - THOMANN, R. - ACAR, S. - ERDEM, E. - SOMER, M. In APPLIED PHYSICS LETTERS. NOV 17 2014, vol. 105, no. 20., WOS

ADCA363 KOVÁČ, Pavol - HUŠEK, Imrich - PACHLA, W. - KULCZYK, M. Properties of seven-filament in situ MgB2/Fe composite deformed by hydrostatic extrusion, drawing and rolling. In *Superconductor Science and Technology*, 2007, vol. 20, s. 607-610. (1.440 - IF2006). (2007 - Current Contents, SCOPUS). ISSN 0953-2048.
Ohlasy:
[1.1] WANG, C.D. - WANG, D.L. - ZHANG, X.P. - YAO, C. - WANG, C.L. - MA, Y.W. - OGURO, H. - AWAJI, S. - WATANABE, K. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. DEC 2012, vol. 25, no. 12., WOS

ADCA364 KOVÁČ, Pavol - HUŠEK, Imrich - MELIŠEK, Tibor - HOLÚBEK, Tomáš. Properties of stabilized MgB2 composite wire with Ti barrier. In *Superconductor Science and Technology*, 2007, vol. 20, p. 771-776. (1.440 - IF2006). (2007 - Current Contents, SCOPUS). ISSN 0953-2048.
Ohlasy:
[1.1] ROSTILA, L. - BRISIGOTTI, S. - GRASSO, G. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. JAN 2011, vol. 24, no. 1-2, p. 313-317., WOS
[1.1] SPILLANTINI, P. In ACTA ASTRONAUTICA. MAY-JUN 2011, vol. 68, no. 9-10, SI, p. 1430-1439., WOS
[1.1] SPILLANTINI, P. In ACTA ASTRONAUTICA. NOV-DEC 2014, vol. 104, no. 2, SI, p. 509-515., WOS

ADCA365 KOVÁČ, Pavol - HUŠEK, Imrich - MELIŠEK, Tibor - FEDOR, Ján - CAMBEL, Vladimír - MORAWSKI, A. - KARIO, A. Properties of hot pressed MgB2/Ti tapes. In *Physica C*, 2009, vol. 469, p. 713-716. (0.740 - IF2008). (2009 - Current Contents, WOS, SCOPUS). ISSN 0921-4534.
Ohlasy:
[1.1] CETNER, T. - MORAWSKI, A. - ADAMCZYK, K. - RINDFLEISCH, M. - TOMSIC, M. - ZALESKI, A. - GAJDA, D. - PRESZ, A. In HIGH PRESSURE RESEARCH. 2012, vol. 32, no. 3, p. 419-424., WOS
[1.1] MIZUTANI, S. - YAMAMOTO, A. - SHIMOYAMA, J. - OGINO, H. - KISHIO, K. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. NOV 2014, vol. 27, no. 11., WOS

[1.1] MIZUTANI, S. - YAMAMOTO, A. - SHIMOYAMA, J. - OGINO, H. - KISHIO, K. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. APR 2014, vol. 27, no. 4., WOS

[1.1] SINHA, B.B. - CHUNG, K.C. - PAWAR, S.H. - DOU, S.X. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. FEB 2012, vol. 25, no. 2, p. 413-420., WOS

[1.1] TANAKA, H. - YAMAMOTO, A. - SHIMOYAMA, J. - OGINO, H. - KISHIO, K. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. NOV 2012, vol. 25, no. 11., WOS

[1.1] WANG, D.L. - WANG, C.D. - ZHANG, X.P. - GAO, Z.S. - YAO, C. - MA, Y.W. - KANAZAWA, M. - YAMADA, Y. - OGURO, H. - AWAJI, S. - WATANABE, K. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUN 2012, vol. 25, no. 6., WOS

ADCA366 KOVÁČ, Pavol - MELIŠEK, Tibor - KOPERA, Ľubomír - KOVÁČ, Ján - HUŠEK, Imrich. Selected properties of Glidcop® sheathed MgB2 wires. In *Superconductor Science and Technology*, 2012, vol. 25, 095008. (2.662 - IF2011). (2012 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.2] Yan, G., Wang, Q., Liu, G., Xiong, X., Pan, X., Feng, Y. Materials China Vol 32, (2013), Pp 550-561, SCOPUS

ADCA367 KOVÁČ, Pavol - MARTINEZ, E. - MELIŠEK, Tibor - KOPERA, Ľubomír - HUŠEK, Imrich. Stability of multi-core MgB2/Ti/Cu/SS wires. In *Cryogenics*, 2011, vol. 31, p. 16-20. (1.130 - IF2010). (2011 - Current Contents). ISSN 0011-2275.

Ohlasy:

[1.1] ZHOU, C. - GAO, P. - KROOSHOOP, H.J.G. - DHALLE, M. - SUMPTION, M.D. - RINDFLEISCH, M. - TOMSIC, M. - KULICH, M. - SENATORE, C. - NIJHUIS, A. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUL 2014, vol. 27, no. 7., WOS

[1.1] ZHOU, C. - OFFRINGA, W. - BERGEN, A. - WESSEL, W.A.J. - KROOSHOOP, H.J.G. - DHALLE, M. - SUMPTION, M.D. - COLLINGS, E.W. - RINDFLEISCH, M. - TOMSIC, M. - TEN KATE, H.H.J. - NIJHUIS, A. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. FEB 2013, vol. 26, no. 2., WOS

ADCA368 KOVÁČ, Pavol - BIRAJDAR, B. - HUŠEK, Imrich - HOLÚBEK, Tomáš - EIBL, O. Stabilized in situ rectangular MgB2 wires: the effect of B purity and sheath materials. In *Superconductor Science and Technology*, 2008, vol. 21, 045011. (2.547 - IF2007). (2008 - Current Contents, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] MOTAMAN, A. - BARUA, S. - PATEL, D. - MAEDA, M. - CHEONG, K. - KIM, J.H. - DOU, S.X. - AL HOSSAIN, M.S. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. JUL 2014, vol. 27, no. 7, p. 1643-1645., WOS

[1.1] WANG, C.D. - MA, Y.W. - ZHANG, X.P. - GAO, Z.S. - WANG, D.L. - YAO, C. - WANG, C.L. - OGURO, H. - AWAJI, S. - WATANABE, K. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUL 2012, vol. 25, no. 7., WOS

[1.1] WANG, C.D. - MA, Y.W. - ZHANG, X.P. - WANG, D.L. - GAO, Z.S. - YAO, C. - WANG, C.L. - OGURO, H. - AWAJI, S. - WATANABE, K. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAR 2012, vol. 25, no. 3., WOS

ADCA369 KOVÁČ, Pavol - HUŠEK, Imrich - MELIŠEK, Tibor - KOPERA, Ľubomír - REISSNER, M. Stainless steel reinforced multi-core MgB2 wire subjected to variable deformations. In *Superconductor Science and Technology*, 2010, vol. 23, 065010. (2.694 - IF2009). (2010 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] HOSSAIN, M. S. A. - GAZDER, A. A. - BARUA, S. - MOTAMAN, A. - PATEL, D. - KIM, J. -H. - KARIO, A. - RINGSDORF, B. - RUNTSCH, B. - JUNG, A. - RINDFLEISCH, M. - DOU, S. -X. - GOLDACKER, W. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. OCT 2014, vol. 24, no. 5., WOS

[1.1] SUN, Y.Y. - WANG, Q.Y. - YANG, F. - XIONG, X.M. - QI, M. - LIANG, M. - YAN, G. - SULPICE, A. - ZHANG, P.X. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. JUL 2012, vol. 477, p. 56-62., WOS

[1.1] THOMAS, S. - VARGHESE, N. - RAHUL, S. - DEVADAS, K.M. - VINOD, K. - SYAMAPRASAD, U. In CRYOGENICS. DEC 2012, vol. 52, no. 12, SI, p. 767-770., WOS

[1.1] WANG, Q.Y. - YAN, G. - ZHANG, P.X. - SULPICE, A. - YANG, F. - XIONG, X.M. - FENG, J.Q. - JI, P. - LI, C.S. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. JAN 2013, vol. 484, p. 163-166., WOS

[1.1] YOUNG, E. A. - FALORIO, I. - BEDUZ, C. - BAILEY, W. O. S. - YANG, Y. In 11TH EUROPEAN CONFERENCE ON APPLIED SUPERCONDUCTIVITY (EUCAS2013), PTS 1-4. 2014, vol. 507., WOS

[1.2] Sun, Y. Zhang, P., Wang, Q., Qi, M., Yang, F., Jiao, G., Yan, G.: Materials Science Forum 745-746 (2013) 173, SCOPUS

ADCA370 KOVÁČ, Pavol - HUŠEK, Imrich - PACHLA, W. - MELIŠEK, Tibor - DIDUSZKO, R. - FRÖHLICH, Karol - MORAWSKI, A. - PRESZ, A. - MACHAJDÍK, Daniel. Structure, grain connectivity and pinning of as-deformed commercial MgB2 powder in Cu and Fe/Cu sheaths. In *Superconductor Science and Technology*, 2002, vol. 15, p. 1127-1132. (1.511 - IF2001). (2002 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] MIZUTANI, S. - YAMAMOTO, A. - SHIMOYAMA, J. - OGINO, H. - KISHIO, K. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. NOV 2014, vol. 27, no. 11., WOS

[1.1] MIZUTANI, S. - YAMAMOTO, A. - SHIMOYAMA, J. - OGINO, H. - KISHIO, K. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. APR 2014, vol. 27, no. 4., WOS

[1.1] YANG, H.Z. - SUN, X.G. - YU, X.M. - QI, Y. In APPLIED SURFACE SCIENCE. NOV 15 2012, vol. 261, p. 364-368., WOS

ADCA371 KOVÁČ, Pavol - EASTELL, C.J. - PACHLA, W. - HUŠEK, Imrich - MARCINIAK, H. - GROVENOR, C.R.M. - GORINGE, Michael J. Structure and the current transport mechanism in Bi(2223)/Ag tape. In *Physica C : superconductivity and its applicacions*, 1997, vol. 292, p. 322-325. (1.723 - IF1996). (1997 - Current Contents, SCOPUS). ISSN 0921-4534.

Ohlasy:

[1.1] OKU, T. In NANOTECHNOLOGY REVIEWS. OCT 2014, vol. 3, no. 5, SI, p. 413-444., WOS

ADCA372 KOVÁČ, Pavol - HUŠEK, Imrich - MELIŠEK, Tibor. The effect of used deformation, metal sheath and heat treatment on the I-V curve of ex situ MgB2 composite. In *Physica C*, 2004, vol. 401, p. 282-285. (1.192 - IF2003). (2004 - Current Contents, WOS, SCOPUS). ISSN 0921-4534.

Ohlasy:

[1.1] YANG, H.Z. - SUN, X.G. - YU, X.M. - QI, Y. In APPLIED SURFACE SCIENCE. NOV 15 2012, vol. 261, p. 364-368., WOS

[1.1] ZHANG, X.P. - YAO, C. - WANG, D.L. - WANG, C.D. - GAO, Z.S. - WANG, L. - QI, Y.P. - WANG, C.L. - MA, Y.W. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. NOV 2011, vol. 471, no. 21-22, p. 1124-1127., WOS

ADCA373 KOVÁČ, Pavol - HUŠEK, Imrich - MELIŠEK, Tibor - GRIVEL, J.C. - PACHLA, W. - ŠTRBÍK, Vladimír - DIDUSZKO, R. - HOMEYER, J. - ANDERSEN, N.H. The role of MgO content in ex situ MgB2 wires. In *Superconductor Science and Technology*, 2004, vol. 17, p. L41-L46. (2.247 - IF2003). (2004 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] AGIL, H. - CICEK, O. - ERTEKIN, E. - MOTAMAN, A. - HOSSAIN, M.S.A. - DOU, S.X. - GENCER, A. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. MAY 2013, vol. 26, no. 5, SI, p. 1525-1529., WOS

[1.1] AKAMARU, S. - ISHIKAWA, F. - NISHIMURA, K. - ABE, T. - MATSUYAMA, M. In MATERIALS TRANSACTIONS. 2013, vol. 54, no. 12, p. 2258-2264., WOS

[1.1] ATHANASIOU-IOANNOU, A. - THEODORAKOPOULOS, I.D. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. APR 2014, vol. 27, no. 4, p. 1041-1047., WOS

[1.1] BURDUSEL, M. - ALDICA, G. - POPA, S. - ENCULESCU, M. - BADICA, P. In JOURNAL OF MATERIALS SCIENCE. APR 2012, vol. 47, no. 8, p. 3828-3836., WOS

[1.1] JANG, J.J. - AHN, J.H. In PROCEEDINGS OF THE 25TH INTERNATIONAL SYMPOSIUM ON SUPERCONDUCTIVITY (ISS2012). 2013, vol. 45, p. 97-100., WOS

[1.1] KULICH, M. - FLUKIGER, R.L. - SENATORE, C. - TROPEANO, M. - PICCARDO, R. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. OCT 2013, vol. 26, no. 10., WOS

[1.1] MIZUTANI, S. - YAMAMOTO, A. - SHIMOYAMA, J. - OGINO, H. - KISHIO, K. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. APR 2014, vol. 27, no. 4., WOS

[1.1] MUSTAPIC, M. - HORVAT, J.- SKOKO, Z. - AL HOSSAIN, M. S. -

DOU, S. X. In ACTA MATERIALIA. NOV 2014, vol. 80, p. 457-467., WOS
[1.1] PRIKHNA, T.A. - EISTERER, M. - WEBER, H.W. - GAWALEK, W. - KOVYLAEV, V.V. - KARPETS, M.V. - BASYUK, T.V. - MOSHCHIL, V.E. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. APR 2014, vol. 27, no. 4., WOS
[1.1] SHAHABUDDIN, M. - ALZAYED, N.S. - OH, S. - CHOI, S. - MAEDA, M. - HATA, S. - SHIMADA, Y. - AL HOSSAIN, M.S. - KIM, J.H. In AIP ADVANCES. JAN 2014, vol. 4, no. 1., WOS
[1.1] SHANG, R. - HU, Q.L. - LIU, X.S. - LIANG, E.J. - YUAN, B. - CHAO, M.J. In INTERNATIONAL JOURNAL OF APPLIED CERAMIC TECHNOLOGY. SEP 2013, vol. 10, no. 5, p. 849-856., WOS
[1.1] SONG, X.Y. In CERAMICS INTERNATIONAL. MAY 2013, vol. 39, no. 4, p. 4299-4305., WOS
[1.1] TANAKA, H. - YAMAMOTO, A. - SHIMOYAMA, J. - OGINO, H. - KISHIO, K. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. NOV 2012, vol. 25, no. 11., WOS
[1.1] WANG, D.L. - GAO, Z.S. - ZHANG, X.P. - YAO, C. - WANG, C.D. - ZHANG, S.X. - MA, Y.W. - AWAJI, S. - WATANABE, K. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUL 2011, vol. 24, no. 7., WOS
[1.1] WU, F.Y. In JOURNAL OF LOW TEMPERATURE PHYSICS. NOV 2014, vol. 177, no. 3-4, p. 157-164., WOS

ADCA374 KOVÁČ, Pavol - CESNAK, Ladislav - FIKIS, H. - HILSCHER, G. Time-variable resistive voltage in superconductors with imperfect Nb3Sn structure. In *Cryogenics*, 1993, vol. 33, p. 1174.
Ohlasy:
[1.2] Bendjemil, B. In International Journal of Self-Propagating High-Temperature Synthesis 20 (2011) , pp. 229-235, SCOPUS

ADCA375 KOVÁČ, Pavol - HUŠEK, Imrich - MELIŠEK, Tibor. Transport currents of two-axially rolled and postannealed MgB2/Fe wires at 4.2K. In *Superconductor Science and Technology*, 2002, vol. 15, p. 1340-1344. (1.511 - IF2001). (2002 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.
Ohlasy:
[1.1] DANCER, C.E.J. - TODD, R.I. - GROVENOR, C.R.M. In CERAMIC MATERIALS FOR ENERGY APPLICATIONS. 2011, vol. 32, no. 9, p. 111-120., WOS
[1.1] LYLY, M. - LAHTINEN, V. - STENVALL, A. - TARHASAARI, T. - MIKKONEN, R. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. FEB 2013, vol. 23, no. 1., WOS

ADCA376 KOVÁČ, Pavol - HUŠEK, Imrich - SKÁKALOVÁ, V. - MEYER, J. - DOBROČKA, Edmund - HIRSCHER, M. - ROTH, S. Transport current improvements of in-situ MgB2 tapes by the addition of carbon nanotubes, silicon carbide or graphite. In *Superconductor Science and Technology*, 2007, vol. 20, p. 105-111. (1.440 - IF2006). (2007 - Current Contents, SCOPUS). ISSN 0953-2048.
Ohlasy:
[1.1] DEVADAS, K.M. - RAHUL, S. - THOMAS, S. - VARGHESE, N. - VINOD, K. - SYAMAPRASAD, U. - PRADHAN, S. - CHATTOPADHYAY,

M.K. - ROY, S.B. In JOURNAL OF ALLOYS AND COMPOUNDS. AUG 4 2011, vol. 509, no. 31, p. 8038-8041., WOS

[1.1] NOVOSEL, N. - GALIC, S. - PAJIC, D. - SKOKO, Z. - LONCAREK, I. - MUSTAPIC, M. - ZADRO, K. - BABIC, E. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. OCT 2013, vol. 26, no. 10., WOS

[1.1] YAO, C. - ZHANG, X.P. - WANG, D.L. - GAO, Z.S. - WANG, L. - QI, Y.P. - WANG, C.D. - MA, Y.W. - AWAJI, S. - WATANABE, K. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAY 2011, vol. 24, no. 5., WOS

ADCA377 KOVÁČ, Pavol - MELIŠEK, Tibor - HUŠEK, Imrich. Transport I-c measurement technique with non-soldered contacts for Ag-sheathed high T-c superconductors. In *Cryogenics*. - Oxford : Elsevier, 1997, vol. 37, p. 177-178. (0.486 - IF1996). (1997 - Current Contents, WOS, SCOPUS).

Ohlasy:

[1.1] PITEL, J. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. DEC 2013, vol. 26, no. 12., WOS

ADCA378 KRČMÁR, Roman - GENDIAR, Andrej - MOŠKO, Martin - NÉMETH, Radoslav - VAGNER, Pavol - MITAS, L. Persistent current of correlated electrons in mesoscopic ring with impurity. In *Physica E*, 2008, vol. 40, p. 1507-1509. (0.830 - IF2007).

Ohlasy:

[1.1] REBOREDO, F.A. In JOURNAL OF CHEMICAL PHYSICS. ISSN 0021-9606, MAY 28 2012, vol. 136, no. 20., WOS

ADCA379 KRČMÁŘ, J. - HOLÝ, V. - VÁVRA, Ivo. Standing-wave-grazing-incidence x-ray diffraction from polycrystalline multilayers. In *Applied Physics Letters*, 2009, vol. 94, 101909. (3.726 - IF2008). (2009 - Current Contents, SCOPUS). ISSN 0003-6951.

Ohlasy:

[1.1] LIDER, V. V. In INORGANIC MATERIALS. DEC 2014, vol. 50, no. 15, p. 1470-1479., WOS

ADCA380 KREMPASKÝ, Ludovít - SCHMIDT, C. Experimental verification of "supercurrents" in superconducting cables exposed to AC-fields. In *Cryogenics*, 1999, vol. 39, p. 23-33. (0.718 - IF1998). (1999 - Current Contents).

Ohlasy:

[1.1] VAN LANEN, E.P.A. - VAN NUGTEREN, J. - NIJHUIS, A. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. FEB 2012, vol. 25, no. 2., WOS

ADCA381 KREMPASKÝ, Ludovít - SCHMIDT, C. Influence of supercurrents on the stability of superconducting magnets. In *Physica C : Superconductivity and Its Applications*, 1998, vol. 310, p. 327-334. (2.199 - IF1997). (1998 - Current Contents, WOS, SCOPUS). ISSN 0921-4534.

Ohlasy:

[1.1] COLLINGS, E.W. - SUMPTION, M.D. - SUSNER, M.A. - DIETDERICH, D.R. - NIJHUIS, A. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 2, p. 2367-2371., WOS

[1.1] COLLINGS, E.W. - SUMPTION, M.D. - SUSNER, M.A. - DIETDERICH, D.R. - KROOSHOOP, E. - NIJHUIS, A. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2012, vol. 22, no. 3., WOS

[1.1] COLLINGS, E.W. - SUMPTION, M.D. - SUSNER, M.A. - DIETDERICH, D.R. - KROOPSHOOP, E. - NIJHUIS, A. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 2., WOS

ADCA382 KREMPASKÝ, Ludovít - SCHMIDT, C. Theoretical analysis of time constant measurements of technical superconductors. In *IEEE Transactions on Magnetics*, 1994, vol. 30, p. 2654.

Ohlasy:

[1.1] JAIN, S. - SONG, J.M. In IEEE TRANSACTIONS ON MAGNETICS. FEB 2013, vol. 49, no. 2, 2, p. 803-806., WOS

ADCA383 KREMPASKÝ, Ludovít - SCHMIDT, C. Theory of "supercurrents" and their influence on field quality and stability of superconducting magnets. In *Journal of Applied Physics*, 1995, vol. 78, p. 5800-5810.

Ohlasy:

[1.1] AQUILINA, N. - LAMONT, M. - STRZECLZYK, M. - TODESCO, E. - SAMMUT, N. In PHYSICAL REVIEW SPECIAL TOPICS-ACCELERATORS AND BEAMS. MAR 15 2012, vol. 15, no. 3., WOS

[1.2] Bottura, L. 2014 CAS-CERN Accelerator School: Superconductivity for Accelerators - Proceedings pp. 401-451, SCOPUS

ADCA384 KRIŽANOVÁ, Zuzana - VÁVRA, Ivo - HASENÖHRL, Stanislav - NOVÁK, Jozef. TEM analysis of InMnAs layers and dots prepared by low pressure MOVPE. In *Vacuum*, 2012, vol. 86, p. 657-660. (1.317 - IF2011). (2012 - Current Contents). ISSN 0042-207X.

Ohlasy:

[1.1] BOURAVLEUV, A. - SAPEGA, V. - NEVEDOMSKII, V. - KHREBTOV, A. - SAMSONENKO, Y. - CIRLIN, G. In APPLIED PHYSICS LETTERS. DEC 8 2014, vol. 105, no. 23., WOS

[1.1] BOURAVLEUV, A.D. - NEVEDOMSKII, V.N. - UBYIVOVK, E.V. - SAPEGA, V.F. - KHREBTOV, A.I. - SAMSONENKO, Y.B. - CIRLIN, G.E. - USTINOV, V.M. In SEMICONDUCTORS. AUG 2013, vol. 47, no. 8, p. 1037-1040., WOS

ADCA385 KRUPA, Igor - CECEN, Volkan - BOUDENNE, Abderrahim - KRIŽANOVÁ, Zuzana - VÁVRA, Ivo - SRNÁNEK, Rudolf - RADNÓCZI, Gyorgy. Mechanical properties and morphology of composites based on the EVA copolymer filled with expanded graphite. In *Polymer - Plastics Technology and Engineering*, 2012, vol. 51, p. 1388-1393. (1.279 - IF2011). (2012 - Current Contents). ISSN 0360-2559.

Ohlasy:

[1.1] LI, S. - LANG, F.Z. - WANG, Z.B. Zinc Dimethacrylate-Reinforced Thermoplastic Vulcanizates Based on Ethylene-Vinyl Acetate Copolymer/Chlorinated Polyethylene Rubber/Nitrile Butadiene Rubber Blends. In POLYMER-PLASTICS TECHNOLOGY AND ENGINEERING. ISSN 0360-2559, MAY 28 2013, vol. 52, no. 7, p. 683-689., WOS

[1.1] NAZ, A. - KAUSAR, A. - SIDDIQ, M. Fabrication and Properties of Novel Polyaniline/Poly(styrene-co-maleic anhydride) cumene Terminated/4,4 '-oxydianiline/Graphite-Based Nanocomposites via Layered Polymerization. In POLYMER-PLASTICS TECHNOLOGY AND ENGINEERING. ISSN 0360-2559, 2014, vol. 53, no. 15, p. 1542-1552., WOS

[1.1] PICUNO, P. Innovative Material and Improved Technical Design for a Sustainable Exploitation of Agricultural Plastic Film. In POLYMER-PLASTICS TECHNOLOGY AND ENGINEERING. ISSN 0360-2559, 2014, vol. 53, no. 10, p. 1000-1011., WOS

ADCA386 KUBICOVÁ, I. - PUDIŠ, D. - ŠKRINIAROVÁ, J. - KOVÁČ, Jaroslav - KOVÁČ, Jaroslav Jr. - JAKABOVIČ, J. - ŠUŠLIK, Ľ. - NOVÁK, Jozef - KUZMA, A. 2D irregular structure in the LED surface patterned by NSOM lithography. In *Applied Surface Science*, 2013, vol. 269, p. 116-119. (2.112 - IF2012). (2013 - Current Contents, WOS, SCOPUS). ISSN 0169-4332.

Ohlasy:

[1.1] DAS, A.J. - SHIVANNA, R. - NARAYAN, K.S. In NANOPHOTONICS. 2014, vol. 3, no. 1-2, SI, p. 19-31., WOS

[1.1] WU, C.Y. - LEE, Y.C. In OPTICS EXPRESS. MAY 5 2014, vol. 22, no. 9, p. 10593-10604., WOS

ADCA387 KÚDELA, Róbert - KUČERA, Michal - DOBROČKA, Edmund - ŠOLTÝS, Ján. AlGaAs/InGaP interfaces in structures prepared by MOVPE. In *Journal of Crystal Growth*, 2009, vol. 311, p. 3123-3129. (1.757 - IF2008). (2009 - Current Contents, SCOPUS). ISSN 0022-0248.

Ohlasy:

[1.1] FARAG, A.A.M. In JOURNAL OF ALLOYS AND COMPOUNDS. AUG 4 2011, vol. 509, no. 31, p. 8056-8064., WOS

ADCA388 KÚDELA, Róbert - KUČERA, Michal - OLEJNÍKOVÁ, B. - ELIÁŠ, Peter - HASENÖHRL, Stanislav - NOVÁK, Jozef. Formation of interfaces in InGaP/GaAs/InGaP quantum wells. In *Journal of Crystal Growth*, 2000, vol. 212, no. 1, p. 21-28. (1.490 - IF1999). (2000 - Current Contents). ISSN 0022-0248.

Ohlasy:

[1.1] BENDER, D.A. - CEDERBERG, J.G. - WANG, C.G. - SHEIK-BAHAE, M. In APPLIED PHYSICS LETTERS. JUN 24 2013, vol. 102, no. 25., WOS

[1.1] FRIGERI, C. - SHAKHMIN, A.A. - VINOKUROV, D.A. - ZAMORYANSKAYA, M.V. In NANOSCALE RESEARCH LETTERS. 2011, vol. 6., WOS

ADCA389 KÚDELA, Róbert. Growth of In1-xGaxAs by vapour phase epitaxy and analysis of growth condictions. In *Journal of Crystal Growth*, 1993, vol. 133, p. 289. (1.592 - IF1992). (1993 - Current Contents). ISSN 0022-0248.

Ohlasy:

[1.2] Schulte, K.L., Garrodb, T.J., Kim, T.W., Kirch, J., Ruder, S., Mawst, L.J., Kuech, T.F. Journal of Crystal Growth Vol 370, (2013), Pp 293-298, SCOPUS

ADCA390 KÚDELA, Róbert - MORVIC, Marian. Phase diagram and LPE growth of quaternary InGaAsP on GaAs. In *Journal of Crystal Growth*, 1987, vol. 82, p. 717-724.

Ohlasy:

[1.1] KUECH, T.F. - MAWST, L.J. - BROWN, A.S. In ANNUAL REVIEW OF CHEMICAL AND BIOMOLECULAR ENGINEERING, VOL 4. 2013, vol. 4, p. 187-209., WOS

ADCA391 KÚDELA, Róbert - ŠOLTÝS, Ján - VINCZE, A. - NOVÁK, Jozef. Tellurium delta-doped InGaP layers grown by metalorganic vapour phase epitaxy. In *Physica Status Solidi RRL : Rapid Research Letters*, 2013, vol. 7, p. 443-446. (2.388 - IF2012). (2013 - Current Contents). ISSN 1862-6254.

Ohlasy:

[1.1] GIBSON, B. - CARTER, S. - FISHER, A.S. - LANCASTER, S. - MARSHALL, J. - WHITESIDE, I. In JOURNAL OF ANALYTICAL ATOMIC SPECTROMETRY. NOV 1 2014, vol. 29, no. 11, p. 1969-2021., WOS

ADCA392 KUCHARÍK, Marián - KORENKO, Michal - JANIČKOVIČ, Dušan - KADLEČÍKOVÁ, M. - BOČA, Miroslav - OBOŇA, Jozef Vincenc. Rapid solidification of cryolite and cryolite-alumina melts. In *Monatshefte für Chemie*, 2010, vol. 141, p. 7-13. (1.312 - IF2009). (2010 - Current Contents). ISSN 0026-9247.

Ohlasy:

[1.1] BENITO, P. - DE NOLF, W. - NUYTS, G. - MONTI, M. - FORNASARI, G. - BASILE, F. - JANSSENS, K. - OSPITALI, F. - SCAVETTA, E. - TONELLI, D. - VACCARI, A. In ACS CATALYSIS. OCT 2014, vol. 4, no. 10, p. 3779-3790., WOS

[1.1] COULOMBE, M.A. - LEBEUF, M. - FAIRLEY, N. - WALTON, J. - SOUCY, G. In JOURNAL OF ELECTRON SPECTROSCOPY AND RELATED PHENOMENA. DEC 2012, vol. 185, no. 12, p. 588-597., WOS

ADCA393 KULIFFAYOVÁ, Marta - KRAJČI, Ľudovít - JANOTKA, Ivan - ŠMATKO, Vasilij. Thermal behaviour and characterization of cement composites with burnt kaolin sand. In *Journal of Thermal Analysis and Calorimetry*, 2012, vol. 108, p. 425-432. (1.604 - IF2011). ISSN 1388-6150.

Ohlasy:

[1.1] BOHAC, M. - PALOU, M. - NOVOTNY, R. - MASILKO, J. - VSIANSKY, D. - STANEK, T. Investigation on early hydration of ternary Portland cement-blast-furnace slag-metakaolin blends. In CONSTRUCTION AND BUILDING MATERIALS. ISSN 0950-0618, 2014, vol. 64, p. 333-341., WOS

[1.1] CIOBANU, C. - LAZAU, I. - PACURARIU, C. Investigation of the cellulose ethers effect on the Portland cement hydration by thermal analysis. In JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY. APR 2013, vol. 112, no. 1, p. 325-330., WOS

[1.1] CIOBANU, C. - LAZAU, I. - PACURARIU, C. Investigation regarding the effect of viscosity modifying admixtures upon the Portland cement hydration using thermal analysis. In JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY. APR 2013, vol. 112, no. 1, p. 331-338., WOS

[1.1] PALOU, M.T. - SOUKAL, F. - BOHAC, M. - SILER, P. - IFKA, T. -

ZIVICA, V. Performance of G-Oil Well cement exposed to elevated hydrothermal curing conditions. In JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY. NOV 2014, vol. 118, no. 2, p. 865-874., WOS

[1.1] TIRONI, A. - CASTELLANO, C. C. - BONAVETTI, V. L. - TREZZA, M. A. - SCIAN, A. N. - IRASSAR, E. F. Kaolinitic calcined clays Portland cement system: Hydration and properties. In CONSTRUCTION AND BUILDING MATERIALS. ISSN 0950-0618, 2014, vol. 64, p. 215-221., WOS

[1.1] TIRONI, A. - TREZZA, M. A. - SCIAN, A. N. - IRASSAR, E. F. Thermal analysis to assess pozzolanic activity of calcined kaolinitic clays. In JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY. ISSN 1388-6150, 2014, vol. 117, no. 2, p. 547-556., WOS

[1.1] WONGKEO, W. - THONGSANITGARN, P. - CHINDAPRASIRT, P. - CHAIPANICH, A. Thermogravimetry of ternary cement blends. In JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY. SEP 2013, vol. 113, no. 3, p. 1079-1090., WOS

ADCA394 KULICH, Miloslav - KOVÁČ, Pavol - WEBER, H.W. - HAESSLER, W. SiC doped MgB2 wires in a Ti sheath prepared by stage formation. In *Superconductor Science and Technology*, 2011, vol. 24, art. no. 065025. (2.402 - IF2010). (2011 - Current Contents, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] GUO, Z.C. - SUO, H.L. - LIU, Z.Y. - LIU, M. - MA, L. In ACTA PHYSICA SINICA. SEP 2012, vol. 61, no. 17., WOS

[1.1] TOGANO, K. - GAO, Z.S. - TAIRA, H. - ISHIDA, S. - KIHOU, K. - IYO, A. - EISAKI, H. - MATSUMOTO, A. - KUMAKURA, H. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUN 2013, vol. 26, no. 6., WOS

ADCA395 KUNZO, Pavol - LOBOTKA, Peter - KOVÁČOVÁ, Eva - CHRISSTOPOULOU, K. - PAPOUTSAKIS, L. - ANASTASIADIS, S.H. - KRIŽANOVÁ, Zuzana - VÁVRA, Ivo. Nanocomposites of polyaniline and titania nanoparticles for gas sensors. In *Physica status solidi A. Applications and materials science*, 2013, vol. 210, p. 2341-2347. (1.469 - IF2012). (2013 - Current Contents). ISSN 1862-6300.

Ohlasy:

[1.1] MCNALLY, T. - OLENIK, I.D. In PHYSICA STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE. NOV 2013, vol. 210, no. 11, p. 2249-2251., WOS

ADCA396 KUNZO, Pavol - LOBOTKA, Peter - MIČUŠÍK, Matej - KOVÁČOVÁ, Eva. Palladium-free hydrogen sensor based on oxygen-plasma-treated polyaniline. In *Sensors and Actuators B-Chemical*, 2012, vol. B171 - 172, p. 838 - 845. (3.898 - IF2011). (2012 - Current Contents). ISSN 0925-4005.

Ohlasy:

[1.1] CIRIC-MARJANOVIC, G. Recent advances in polyaniline research: Polymerization mechanisms, structural aspects, properties and applications. In SYNTHETIC METALS. AUG 1 2013, vol. 177, p. 1-47., WOS

[1.1] CHEN, C.X. - DING, G.Q. - ZHOU, D. - LU, X.H. Synthesis of poly(aniline-co-3-amino-4-hydroxybenzoic acid) and its enhanced redox activity under highly basic conditions. In ELECTROCHIMICA ACTA. MAY 1 2013,

vol. 97, p. 112-119., WOS

[1.1] ISHPAL - KAUR, A. Spectroscopic investigations of ammonia gas sensing mechanism in polypyrrole nanotubes/nanorods. In JOURNAL OF APPLIED PHYSICS. MAR 7 2013, vol. 113, no. 9., WOS

[1.1] OUYANG, Y.J. - YU, G. - HU, L. - WANG, X.J. - XU, W.J. - ZHAN, Y.G. - ZHANG, X.Y. Influence of Ni or Pd coatings on oxidation of permeated hydrogen. In SURFACE ENGINEERING. MAY 2013, vol. 29, no. 4, p. 312-317., WOS

[1.1] SEO, H.K. - AMEEN, S. - AKHTAR, M.S. - SHIN, H.S. Structural, morphological and sensing properties of layered polyaniline nanosheets towards hazardous phenol chemical. In TALANTA. JAN 30 2013, vol. 104, p. 219-227., WOS

ADCA397 KÚŠ, P. - PLECENIK, Andrej - SATRAPINSKY, L. - XU, Y. - SOBOLEWSKI, R. Superconducting properties of MgB2 thin films prepared on flexible plastic substrates. In *Applied Physics Letters*, 2002, vol. 81, p. 2199-2201. ISSN 0003-6951.

Ohlasy:

[1.1] DAI, Q. - WANG, Y.B. - MA, X.B. - YANG, Q.Q. - ZHANG, H. - NIE, R.J. - FENG, Q.R. - WANG, F.R. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. MAY 2012, vol. 475, p. 57-59., WOS

[1.1] SAHOO, B. - KEUNE, W. - KUNCSER, V. - ROHLSBERGER, R. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JAN 2012, vol. 25, no. 1., WOS

[1.1] YUNG, C.S. - MOECKLY, B.H. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, 1, p. 107-110., WOS

ADCA398 KUZMA, A. - WEIS, M. - FLICKYNGEROVÁ, S. - JAKABOVIČ, J. - ŠATKA, A. - DOBROČKA, Edmund - CHLPÍK, J. - CIRÁK, J. - DONOVAL, M. - TELEK, P. - UHEREK, F. - DONOVAL, D. Influence of surface oxidation on plasmon resonance in monolayer of gold and silver nanoparticles. In *Journal of Applied Physics*, 2012, vol. 112, 103531. (2.168 - IF2011). (2012 - Current Contents). ISSN 0021-8979.

Ohlasy:

[1.1] ALISSAWI, N. - PETER, T. - STRUNSKUS, T. - EBBERT, C. - GRUNDMEIER, G. - FAUPEL, F. In JOURNAL OF NANOPARTICLE RESEARCH. OCT 24 2013, vol. 15, no. 11., WOS

[1.1] GORHAM, J. M. - ROHLFING, A. B. - LIPPA, K. A. - MACCUSPIE, R. I. - HEMMATI, A. - HOLBROOK, R. D. In JOURNAL OF NANOPARTICLE RESEARCH. MAR 16 2014, vol. 16, no. 4., WOS

[1.1] PERETYAZHKO, T. S. - ZHANG, Q. - COLVIN, V. L. In ENVIRONMENTAL SCIENCE & TECHNOLOGY. OCT 21 2014, vol. 48, no. 20, p. 11954-11961., WOS

[1.1] SANZ, J.M. - ORTIZ, D. - DE LA OSA, R.A. - SAIZ, J.M. - GONZALEZ, F. - BROWN, A.S. - LOSURDO, M. - EVERITT, H.O. - MORENO, F. In JOURNAL OF PHYSICAL CHEMISTRY C. SEP 26 2013, vol. 117, no. 38, p. 19606-19615., WOS

[1.1] TOH, H. S. - BATCHELOR-MCAULEY, C. - TSCHULIK, K. -

COMPTON, R. G. In SCIENCE CHINA-CHEMISTRY. SEP 2014, vol. 57, no. 9, p. 1199-1210., WOS

ADCA399 KUZMÍK, Ján - POZZOVIVO, G. - OSTERMAIER, C. - STRASSER, G. - POGANY, D. - GORNIK, E. - CARLIN, J.-F. - GONSCHOREK, M. - FELTIN, E. - GRANDJEAN, N. Analysis of degradation mechanisms in lattice-matched InAlN/GaN high-electron-mobility transistors. In *Journal of Applied Physics*, 2009, vol. 106, 124503. (2.201 - IF2008). (2009 - Current Contents, WOS, SCOPUS). ISSN 0021-8979.

Ohlasy:

[1.1] ADAK, S. - SARKAR, A. - SWAIN, S. - PARDESHI, H. - PATI, S. K.- SARKAR, C. K. In SUPERLATTICES AND MICROSTRUCTURES. NOV 2014, vol. 75, p. 347-357., WOS

[1.1] ARDARAVICIUS, L. - KIPRIJANOVIC, O. - LIBERIS, J. In ACTA PHYSICA POLONICA A. FEB 2011, vol. 119, no. 2, p. 231-233., WOS

[1.1] BENYAHYA, N. - MAZARI, H. - BENSEDDIK, N. - BENAMARA, Z. - MOSTEFAOUI, M. - AMEUR, K. - KHELIFI, R. - BLUET, J. M. - CHIKHAOUI, W. - BRU-CHEVALLIER, C. In OPTICAL AND QUANTUM ELECTRONICS. JAN 2014, vol. 46, no. 1, SI, p. 209-219., WOS

[1.1] GEUM, D.M. - SHIN, S.H. - KIM, M.S. - JANG, J.H. In ELECTRONICS LETTERS. NOV 21 2013, vol. 49, no. 24, p. 1536-+., WOS

[1.1] HASAN, M.T. - TOKUDA, H. - KUZUHARA, M. In APPLIED PHYSICS LETTERS. SEP 26 2011, vol. 99, no. 13., WOS

[1.1] HIROKI, M. - WATANABE, N. - MAEDA, N. - YOKOYAMA, H. - KUMAKURA, K. - YAMAMOTO, H. In JAPANESE JOURNAL OF APPLIED PHYSICS. APR 2013, vol. 52, no. 4, 2, SI., WOS

[1.1] HUANG, Y. - CHEN, D.J. - LU, H. - ZHANG, R. - ZHENG, Y.D. - LI, L. - DONG, X. - LI, Z.H. - CHEN, C. - CHEN, T.S. In IEEE ELECTRON DEVICE LETTERS. AUG 2011, vol. 32, no. 8, p. 1071-1073., WOS

[1.1] CHEN, H.R. - YANG, L.A. - LONG, S. - HAO, Y. In JOURNAL OF APPLIED PHYSICS. MAY 21 2013, vol. 113, no. 19., WOS

[1.1] CHIOU, Y.L. - LEE, C.T. In JOURNAL OF THE ELECTROCHEMICAL SOCIETY. 2011, vol. 158, no. 2, p. H156-H159., WOS

[1.1] CHYI, J. -I. - LEE, G. Y. - TU, P. T. - YEH, N. T. In WIDE BANDGAP SEMICONDUCTOR MATERIALS AND DEVICES 15. 2014, vol. 61, no. 4, p. 3-8., WOS

[1.1] JARDEL, O. - JACQUET, J.-C. - BACZKOWSKI, L. - CARISETTI, D. - LANCEREAU, D. - OLIVIER, M. - AUBRY, R. - POISSON, M.-A. di Forte - DUA, C. - PIOTROWICZ, S. - DELAGE, S. L. In INTERNATIONAL JOURNAL OF MICROWAVE AND WIRELESS TECHNOLOGIES. DEC 2014, vol. 6, no. 6, SI, p. 565-572., WOS

[1.1] KAWANAGO, T. - KAKUSHIMA, K. - KATAOKA, Y. - NISHIYAMA, A. - SUGII, N. - WAKABAYASHI, H. - TSUTSUI, K. - NATORI, K. - IWAI, H. In IEEE TRANSACTIONS ON ELECTRON DEVICES. MAR 2014, vol. 61, no. 3, p. 785-792., WOS

[1.1] KAYIS, C. - FERREYRA, R.A. - ZHU, C.Y. - AVRUTIN, V. - OZGUR, U. - MORKOC, H. In PHYSICA STATUS SOLIDI-RAPID RESEARCH LETTERS. APR 2012, vol. 6, no. 4, p. 163-165., WOS

[1.1] KYAW, L. M. - SAJU, A. A. - LIU, Y. - BERA, M. K. - SINGH, S. P. - TRIPATHY, S. - CHOR, E. F. In PHYSICA STATUS SOLIDI C: CURRENT

TOPICS IN SOLID STATE PHYSICS, VOL 11, NO 3-4. 2014, vol. 11, no. 3-4, p. 883-886., WOS
[1.1] KYAW, L.M. - LIU, Y. - BERA, M.K. - NGOO, Y.J. - TRIPATHY, S. - CHOR, E.F. In WIDE-BANDGAP SEMICONDUCTOR MATERIALS AND DEVICES 14. 2013, vol. 53, no. 2, p. 75-83., WOS
[1.1] LECOURT, Francois - AGBOTON, Alain - KETTENISS, Nico - BEHMENBURG, Hannes - DEFRANCE, Nicolas - HOEL, Virginie - KALISCH, Holger - VESCAN, Andrei - HEUKEN, Michael - DE JAEGER, Jean-Claude. In IEEE ELECTRON DEVICE LETTERS. ISSN 0741-3106, AUG 2013, vol. 34, no. 8, p. 978-980., WOS
[1.1] LECOURT, F. - AGBOTON, A. - KETTENISS, N. - BEHMENBURG, H. - DEFRANCE, N. - HOEL, V. - KALISCH, H. - VESCAN, A. - HEUKEN, M. - DE JAEGER, J.C. In IEEE ELECTRON DEVICE LETTERS. AUG 2013, vol. 34, no. 8, p. 978-980., WOS
[1.1] LEE, D.S. - GAO, X. - GUO, S.P. - PALACIOS, T. In IEEE ELECTRON DEVICE LETTERS. MAY 2011, vol. 32, no. 5, p. 617-619., WOS
[1.1] LEE, D.S. - CHUNG, J.W.W. - WANG, H. - GAO, X. - GUO, S.P. - FAY, P. - PALACIOS, T. In IEEE ELECTRON DEVICE LETTERS. JUN 2011, vol. 32, no. 6, p. 755-757., WOS
[1.1] LEE, H.S. - PIEDRA, D. - SUN, M. - GAO, X. - GUO, S.P. - PALACIOS, T. In IEEE ELECTRON DEVICE LETTERS. JUL 2012, vol. 33, no. 7, p. 982-984., WOS
[1.1] LIU, L. - LO, C.F. - XI, Y.Y. - WANG, Y.X. - KIM, H.Y. - KIM, J. - PEARTON, S.J. - LABOUTIN, O. - CAO, Y. - JOHNSON, J.W. - KRAVCHENKO, I.I. - REN, F. In GALLIUM NITRIDE MATERIALS AND DEVICES VIII. 2013, vol. 8625., WOS
[1.1] LO, C.F. - LIU, L. - CHANG, C.Y. - REN, F. - CRACIUN, V. - PEARTON, S.J. - HEO, Y.W. - LABOUTIN, O. - JOHNSON, J.W. In JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B. MAR 2011, vol. 29, no. 2., WOS
[1.1] LO, C.F. - LIU, L. - REN, F. - KIM, H.Y. - KIM, J. - PEARTON, S.J. - LABOUTIN, O. - CAO, Y. - JOHNSON, J.W. - KRAVCHENKO, I.I. In JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B. NOV 2011, vol. 29, no. 6., WOS
[1.1] LO, C.F. - LIU, L. - REN, F. - PEARTON, S.J. - GILA, B.P. - KIM, H.Y. - KIM, J. - LABOUTIN, O. - CAO, Y. - JOHNSON, J.W. - KRAVCHENKO, I.I. In JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B. JUL 2012, vol. 30, no. 4., WOS
[1.1] NSELE, S. D. - ESCOTTE, L. - TARTARIN, J. -G. - PIOTROWICZ, S. - DELAGE, S. L. In APPLIED PHYSICS LETTERS. NOV 10 2014, vol. 105, no. 19., WOS
[1.1] NSELE, S.D. - ESCOTTE, L. - TARTARIN, J.G. - PIOTROWICZ, S. - DELAGE, S.L. In IEEE TRANSACTIONS ON ELECTRON DEVICES. APR 2013, vol. 60, no. 4, p. 1372-1378., WOS
[1.1] PIOTROWICZ, S. - JARDEL, O. - JACQUET, J.C. - LANCEREAU, D. - AUBRY, R. - MORVAN, E. - SARAZIN, N. - DUFRAISSE, J. - DUA, C. - OUALLI, M. - CHARTIER, E. - POISSON, M.A.D. - GAQUIERE, C. - DELAGE, S.L. In 2012 IEEE COMPOUND SEMICONDUCTOR INTEGRATED CIRCUIT SYMPOSIUM (CSICS). 2012., WOS
[1.1] PIOTROWICZ, S. - JARDEL, O. - CHARTIER, E. - AUBRY, R. -

BACZKOWSKI, L. - CASBON, M. - DUA, C. - ESCOTTE, L. - GAMARRA, P. - JACQUET, J. C. - MICHEL, N. - NSELE, S. D. - OUALLI, M. - PATARD, O. - POTIER, C. - POISSON, M. A. Di-Forte - DELAGE, S. L. In 2014 IEEE MTT-S INTERNATIONAL MICROWAVE SYMPOSIUM (IMS). ISSN 0149-645X, 2014., WOS

[1.1] TANG, C. - SHI, J. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. DEC 2014, vol. 29, no. 12., WOS

[1.1] WANG, P.Y. - ZHANG, J.F. - XUE, J.S. - ZHOU, Y.B. - ZHANG, J.C. - HAO, Y. In ACTA PHYSICA SINICA. NOV 2011, vol. 60, no. 11., WOS

[1.1] WANG, X.D. - HU, W.D. - CHEN, X.S. - LU, W. In IEEE TRANSACTIONS ON ELECTRON DEVICES. MAY 2012, vol. 59, no. 5, p. 1393-1401., WOS

[1.1] XU, W.K. - RAO, H. - BOSMAN, G. In APPLIED PHYSICS LETTERS. MAY 28 2012, vol. 100, no. 22., WOS

[1.1] ZHANG, J.F. - WANG, P.Y. - XUE, J.S. - ZHOU, Y.B. - ZHANG, J.C. - HAO, Y. In ACTA PHYSICA SINICA. NOV 2011, vol. 60, no. 11., WOS

[1.1] ZHANG, P. - ZHAO S.-L. - XUE J.S. - ZHANG K. - MA X.-H. - ZHANG J.-C. - HAO, Y. In CHINESE PHYSICS LETTERS. MAR 2014, vol. 31, no. 3., WOS

[1.1] ZHAO, S.L. - XUE, J.S. - ZHANG, P. - HOU, B. - LUO, J. - FAN, X.J. - ZHANG, J.C. - MA, X.H. - HAO, Y. In APPLIED PHYSICS EXPRESS. JUL 2014, vol. 7, no. 7., WOS

[1.1] ZHOU, Q. - CHEN, W.J. - LIU, S.H. - ZHANG, B. - FENG, Z.H. - CAI, S.J. - CHEN, K.J. In IEEE TRANSACTIONS ON ELECTRON DEVICES. MAR 2013, vol. 60, no. 3, p. 1075-1081., WOS

[1.1] ZHOU, Q. - CHEN, W.J. - LIU, S.H. - ZHANG, B. - FENG, Z.H. - CAI, S.J. - CHEN, K.J. In GALLIUM NITRIDE AND SILICON CARBIDE POWER TECHNOLOGIES 3. 2013, vol. 58, no. 4, p. 351-363., WOS

[1.1] ZHU, C.Y. - WU, M. - KAYIS, C. - ZHANG, F. - LI, X. - FERREYRA, R.A. - MATULIONIS, A. - AVRUTIN, V. - OZGUR, U. - MORKOC, H. In APPLIED PHYSICS LETTERS. SEP 3 2012, vol. 101, no. 10., WOS

[1.1] ZHU, C.Y. - WU, M. - KAYIS, C. - ZHANG, F. - LI, X. - FERREYRA, R. - AVRUTIN, V. - OZGUR, U. - MORKOC, H. In GALLIUM NITRIDE MATERIALS AND DEVICES VII. 2012, vol. 8262., WOS

[1.2] Liu, B. , Feng, Z. , Dun, S., Zhang, X., Gu, G., Wang, Y., Xu, P., He, Z., Cai, S. Journal of Semiconductors 34 (2013) 044006, SCOPUS

ADCA400 KUZMÍK, Ján - JAVORKA, P. - MARSO, M. - KORDOŠ, Peter. Annealing of Schottky contacts deposited on dry etched AlGaN/GaN. In *Semiconductor Science and Technology*. - Bristol : Institute of Physics, 2002, vol. 17, p. L76-L78. ISSN 0268-1242.

Ohlasy:

[1.1] ELJARRAT, A. - ESTRADE, S. - GACEVIC, Z. - FERNANDEZ-GARRIDO, S. - CALLEJA, E. - MAGEN, C. - PEIRO, F. In MICROSCOPY AND MICROANALYSIS. OCT 2012, vol. 18, no. 5, p. 1143-1154., WOS

[1.1] KIM, S. - HORI, Y. - MA, W.C. - KIKUTA, D. - NARITA, T. - IGUCHI, H. - UESUGI, T. - KACHI, T. - HASHIZUME, T. In JAPANESE JOURNAL OF APPLIED PHYSICS. JUN 2012, vol. 51, no. 6, 1., WOS

[1.1] LI, H.J. - LIU, G.P. - WEI, H.Y. - JIAO, C.M. - WANG, J.X. - ZHANG, H. - JIN, D.D. - FENG, Y.X. - YANG, S.Y. - WANG, L.S. - ZHU, Q.S. - WANG, Z.G. In APPLIED PHYSICS LETTERS. DEC 2 2013, vol. 103, no. 23., WOS

[1.1] YATABE, Z. - HORI, Y. - KIM, S. - HASHIZUME, T. In APPLIED PHYSICS EXPRESS. JAN 2013, vol. 6, no. 1., WOS

ADCA401 KUZMÍK, Ján - VITANOV, S. - DUA, C. - CARLIN, J.-F. - OSTERMAIER, C. - ALEXEWICZ, A. - STRASSER, G. - POGANY, D. - GORNIK, E. - GRANDJEAN, N. - DELAGE, S. - PALANKOVSKI, V. Buffer-related degradation aspects of single and double-heterostructure quantum well InAlN/GaN high-electron-mobility transistors. In *Japanese Journal of Applied Physics*, 2012, vol. 51, art. no. 054102. (1.058 - IF2011). (2012 - Current Contents). ISSN 0021-4922.

Ohlasy:

[1.2] Tang, C., Sheng, K., Xie, G. International Conference on Communications, Circuits and Systems, ICCCAS 2013, 2, 6765355, pp. 353-357, SCOPUS

ADCA402 KUZMÍK, Ján - BYCHIKHIN, S. - POGANY, D. - GAQUIERE, C. - MORVAN, E. Current conduction and saturation mechanism in AlGaN/GaN ungated structures. In *Journal of Applied Physics*, 2006, vol. 99, p. 123720. (2.498 - IF2005). (2006 - Current Contents, WOS, SCOPUS). ISSN 0021-8979.

Ohlasy:

[1.1] FIRRINCIELI, A. - DE JAEGER, B. - YOU, S.Z. - WELLEKENS, D. - VAN HOVE, M. - DECOUTERE, S. In JAPANESE JOURNAL OF APPLIED PHYSICS. APR 2014, vol. 53, no. 4, SI., WOS

ADCA403 KUZMÍK, Ján - JAVORKA, P. - ALAM, A. - MARSO, M. - HEUKEN, M. - KORDOŠ, Peter. Determination of channel temperature in AlGaN/GaN HEMTs grown on sapphire and silicon substrates using DC characterization method. In *IEEE Transactions on Electron Devices*, 2002, vol. 49, p. 1496-1498. ISSN 0018-9383.

Ohlasy:

[1.1] ABBATE, C. - IANNUZZO, F. - BUSATTO, G. In MICROELECTRONICS RELIABILITY. SEP-NOV 2013, vol. 53, no. 9-11, SI, p. 1481-1485., WOS

[1.1] ASUBAR, J.T. - YATABE, Z. - HASHIZUME, T. In APPLIED PHYSICS LETTERS. AUG 4 2014, vol. 105, no. 5., WOS

[1.1] BAG, A. - MUKHOPADHYAY, P. - GHOSH, S. - KUMAR, R. - DINARA, S.M. - KABI, S. - CHAKRABORTY, A. - BISWAS, D. In 2014 IEEE STUDENTS' TECHNOLOGY SYMPOSIUM (IEEE TECHSYM). 2014, p. 393-395., WOS

[1.1] BAJAJ, S. - HUNG, T.H. - AKYOL, F. - NATH, D. - RAJAN, S. In APPLIED PHYSICS LETTERS. DEC 29 2014, vol. 105, no. 26., WOS

[1.1] DOUGLAS, E.A. - GILA, B.P. - ABERNATHY, C.R. - REN, F. - PEARTON, S.J. In LOW-DIMENSIONAL NANOSCALE ELECTRONIC AND PHOTONIC DEVICES 5 -AND- STATE-OF-THE-ART PROGRAM ON COMPOUND SEMICONDUCTORS 54 (SOTAPOCS 54). 2012, vol. 50, no. 6, p. 261-272., WOS

[1.1] DOUGLAS, E.A. - PEARTON, S.J. - POLING, B. - VIA, G.D. - LIU,

L. - REN, F. In ELECTROCHEMICAL AND SOLID STATE LETTERS. 2011, vol. 14, no. 11, p. H464-H466., WOS
[1.1] EDWARDS, M.J. - LE BOULBAR, E.D. - VITTOZ, S. - VANKO, G. - BRINKFELDT, K. - RUFER, L. - JOHANDER, P. - LALINSKY, T. - BOWEN, C.R. - ALLSOPP, D.W.E. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 9, NO 3-4. 2012, vol. 9, no. 3-4, p. 960-963., WOS
[1.1] FAGERLIND, M. - BOOKER, I. - BERGMAN, P. - JANZEN, E. - ZIRATH, H. - RORSMAN, N. In IEEE TRANSACTIONS ON DEVICE AND MATERIALS RELIABILITY. SEP 2012, vol. 12, no. 3, p. 538-546., WOS
[1.1] FONTSERE, A. - PEREZ-TOMAS, A. - PLACIDI, M. - BARON, N. - CHENOT, S. - MORENO, J.C. - CORDIER, Y. In ECS SOLID STATE LETTERS. 2013, vol. 2, no. 1, p. P4-P7., WOS
[1.1] HIROKI, M. - KUMAKURA, K. - KOBAYASHI, Y. - AKASAKA, T. - MAKIMOTO, T. - YAMAMOTO, H. In APPLIED PHYSICS LETTERS. NOV 10 2014, vol. 105, no. 19., WOS
[1.1] KYAW, L.M. - BERA, L.K. - LIU, Y. - BERA, M.K. - SINGH, S.P. - DOLMANAN, S.B. - TAN, H.R. - BHAT, T.N. - CHOR, E.F. - TRIPATHY, S. In APPLIED PHYSICS LETTERS. AUG 18 2014, vol. 105, no. 7., WOS
[1.1] LEE, D.S. - LIU, Z.H. - PALACIOS, T. In JAPANESE JOURNAL OF APPLIED PHYSICS. OCT 2014, vol. 53, no. 10., WOS
[1.1] LEE, D.S. - WANG, H. - HSU, A. - AZIZE, M. - LABOUTIN, O. - CAO, Y. - JOHNSON, J.W. - BEAM, E. - KETTERSON, A. - SCHUETTE, M.L. - SAUNIER, P. - PALACIOS, T. In IEEE ELECTRON DEVICE LETTERS. AUG 2013, vol. 34, no. 8, p. 969-971., WOS
[1.1] LI, L.B. - JOH, J. - DEL ALAMO, J.A. - THOMPSON, C.V. In APPLIED PHYSICS LETTERS. APR 23 2012, vol. 100, no. 17., WOS
[1.1] MARINELLA, M.J. - DASGUPTA, S. - KAPLAR, R.J. - SUN, M. - ATCITTY, S. - PALACIOS, T. In GALLIUM NITRIDE AND SILICON CARBIDE POWER TECHNOLOGIES 3. 2013, vol. 58, no. 4, p. 365-374., WOS
[1.1] MARTIN-HORCAJO, S. - WANG, A. - ROMERO, M.F. - TADJER, M.J. - CALLE, F. In IEEE TRANSACTIONS ON ELECTRON DEVICES. DEC 2013, vol. 60, no. 12, p. 4105-4111., WOS
[1.1] MARTIN-HORCAJO, S. - WANG, A. - ROMERO, M.F. - TADJER, M.J. - KOEHLER, A.D. - ANDERSON, T.J. - CALLE, F. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. NOV 2014, vol. 29, no. 11., WOS
[1.1] NOCHETTO, H.C. - JANKOWSKI, N.R. - BAR-COHEN, A. In PROCEEDINGS OF THE ASME INTERNATIONAL MECHANICAL ENGINEERING CONGRESS AND EXPOSITION, 2011, VOL 10, PTS A AND B. 2012, p. 241-249., WOS
[1.1] RAJ, B. - NARANG, S.B. In JOURNAL OF COMPUTATIONAL AND THEORETICAL NANOSCIENCE. JUN 2012, vol. 9, no. 6, p. 763-768., WOS
[1.1] RICCI, M. - PANTELLINI, A. - IRACE, A. - BREGLIO, G. - NANNI, A. - LANZIERI, C. In MICROELECTRONICS RELIABILITY. SEP-NOV 2011, vol. 51, no. 9-11, SI, p. 1725-1729., WOS
[1.1] SOMMET, R. - MOUGINOT, G. - QUERE, R. - OUARCH, Z. - CAMIADE, M. In MICROELECTRONICS JOURNAL. SEP 2012, vol. 43, no.

9, SI, p. 611-617., WOS
[1.1] WANG, J.H. - WANG, X.H. - PANG, L. - CHEN, X.J. - JIN, Z. - LIU, X.Y. In CHINESE PHYSICS LETTERS. AUG 2012, vol. 29, no. 8., WOS
[1.1] WEI, W. - MIKKELSEN, J.H. - JENSEN, O.K. In IET MICROWAVES ANTENNAS & PROPAGATION. APR 8 2014, vol. 8, no. 5, p. 323-327., WOS
[1.1] YU, C.H. - LUO, X.D. - ZHOU, W.Z. - LUO, Q.Z. - LIU, P.S. In ACTA PHYSICA SINICA. OCT 2012, vol. 61, no. 20., WOS
[1.1] ZHANG, G.C. - FENG, S.W. - HU, P.F. - ZHAO, Y. - GUO, C.S. - XU, Y. - CHEN, T.S. - JIANG, Y.J. In CHINESE PHYSICS LETTERS. JAN 2011, vol. 28, no. 1., WOS
[1.1] ZHAO, M. - LIU, X.Y. - ZHENG, Y.K. - PENG, M.Z. - OUYANG, S.H. - LI, Y.K. - WEI, K. In OPTICS COMMUNICATIONS. MAR 15 2013, vol. 291, p. 104-109., WOS
[1.2] Edwards, M.J., Le Boulbar, E.D., Vittoz, S., Vanko, G., Brinkfeldt, K., Rufer, L., Johander, P., Lalinský, T., Bowen, C.R., Allsopp, D.W.E. Physica Status Solidi (C) Current Topics in Solid State Physics Volume 9, (2012) 960, SCOPUS
[1.2] Khémiri, S., Kadi, M., Louis, A., Mazari, B. In IET Conference Publications 2011 (577 CP) , pp. 96-97, SCOPUS
[1.2] Khémiri, S., Kadi, M., Louis, A., Mazari, B. In 2011 German Microwave Conference, GeMiC 2011 - Proceedings , art. no. 5760768, SCOPUS
[1.2] Lee, D.S. , Wang, H., Hsu, A., Azize, M., Laboutin, O., Cao, Y., Johnson, W., Beam, E.c, Ketterson, A., Schuette, M., Saunier, P., Palacios, T. Device Research Conference - Conference Digest, DRC 2013, Art. no 6633860, Pp 195-196, SCOPUS
[1.2] Nochetto, H.C., Jankowski, N.R., Bar-Cohen, A. ASME 2011 International Mechanical Engineering Congress and Exposition, IMECE 2011 10 (2011), pp. 241, SCOPUS
[1.2] Zhang, G., Feng, S., Li, J., Zhao, Y.,Guo, C. Journal of Semiconductors 33 (2012) , art. no. 044003, SCOPUS

ADCA404 KUZMÍK, Ján - POGANY, D. - GORNIK, E. - JAVORKA, P. - KORDOŠ, Peter. Electrical overstress in AlGaN/GaN HEMTs: study of degradation processes. In *Solid-State Electronics*, 2004, vol. 48, p. 271-276. ISSN 0038-1101.
Ohlasy:
[1.1] LO, C.F. - LIU, L. - KANG, T.S. - DAVIES, R. - GILA, B.P. - PEARTON, S.J. - KRAVCHENKO, I.I. - LABOUTIN, O. - CAO, Y. - JOHNSON, W.J. - REN, F. In ELECTROCHEMICAL AND SOLID STATE LETTERS. 2011, vol. 14, no. 7, p. H264-H267., WOS
[1.1] LO, C.F. - LIU, L. - KANG, T.S. - DAVIES, R. - GILA, B.P. - PEARTON, S.J. - KRAVCHENKO, I.I. - LABOUTIN, O. - CAO, Y. - JOHNSON, W.J. - REN, F. In STATE-OF-THE-ART PROGRAM ON COMPOUND SEMICONDUCTORS 53 (SOTAPOCS 53). 2011, vol. 41, no. 6, p. 63-70., WOS

ADCA405 KUZMÍK, Ján - POGANY, D. - GORNIK, E. - JAVORKA, P. - KORDOŠ, Peter. Electrostatic discharge effects in AlGaN/GaN high-electron-mobility transistors. In *Applied Physics Letters*. - American Institute of Physics, 2003, vol. 83, p. 4655-4657. (2003 - Current Contents, SCOPUS). ISSN 0003-6951.

Ohlasy:

[1.1] FERNG, Y.C. - CHANG, L.B. - DAS, A. - LIN, C.C. - CHENG, C.Y. - KUEI, P.Y. - CHOW, L. In JAPANESE JOURNAL OF APPLIED PHYSICS. DEC 2012, vol. 51, no. 12., WOS

[1.1] CHEVTCHENKO, S.A. - CHO, E. - BRUNNER, F. - BAHAT-TREIDEL, E. - WURFL, J. In APPLIED PHYSICS LETTERS. MAY 28 2012, vol. 100, no. 22., WOS

[1.2] Chang, L.B., Wang, S.C., Lin, S.L., Das, M., Ferng, Y.C., Cheng, M.J., Chou, S.T., Chow, L. 2nd International Conference on Consumer Electronics, Communications and Networks, CECNet 2012 - Proceedings (2012) art. no. 6202003 , pp. 3251, SCOPUS

[1.2] Kuei, P.-Y., Cheng, N.-H., Chen, Y.-F., Ferng, Y.-C., Das, A., Lin, S.-L., Lin, C.-C., Chang, L.-B. IEEE International Symposium on Electromagnetic Compatibility Volume 2014-December, Article number 6997239, P. 721, SCOPUS

ADCA406 KUZMÍK, Ján - CARLIN, J.-F. - GONSCHOREK, M. - KOSTOPOULOS, A. - KONSTANTINIDIS, G. - POZZOVIVO, G. - GOLKA, S. - GEORGAKILAS, A. - GRANDJEAN, N. - STRASSER, G. - POGANY, D. Gate-lag and drain-lag effects in (GaN)/InAlN/GaN and InAlN/AlN/GaN HEMTs. In *Physica status solidi A.*Applications and materials science, 2007, vol. 204, p. 2019-2022. (1.221 - IF2006). (2007 - Current Contents, SCOPUS). ISSN 1862-6300.

Ohlasy:

[1.1] FENG, Q. - LI, Q. - XING, T. - WANG, Q. - ZHANG, J.C. - HAO, Y. In CHINESE PHYSICS B. JUN 2012, vol. 21, no. 6., WOS

[1.1] HSIAO, C.-J. - LIU, C.-K. - HUYNH, S.-H. - MINH, T.-H. H. - YU, H.-W.- NGUYEN, H.-Q. - MAA, J.-S. - CHANG, S.-J. - CHANG, E. Y. In 2014 IEEE INTERNATIONAL CONFERENCE ON SEMICONDUCTOR ELECTRONICS (ICSE). 2014, p. 456-458., WOS

[1.1] CHIOU, Y.L. - LEE, C.S. - LEE, C.T. In JOURNAL OF THE ELECTROCHEMICAL SOCIETY. 2011, vol. 158, no. 5, p. H477-H481., WOS

[1.1] TAPAJNA, M. - KILLAT, N. - MOEREKE, J. - PASKOVA, T. - EVANS, K.R. - LEACH, J. - LI, X. - OZGUR, U. - MORKOC, H. - CHABAK, K.D. - CRESPO, A. - GILLESPIE, J.K. - FITCH, R. - KOSSLER, M. - WALKER, D.E. - TREJO, M. - VIA, G.D. - BLEVINS, J.D. - KUBALL, M. In IEEE ELECTRON DEVICE LETTERS. AUG 2012, vol. 33, no. 8, p. 1126-1128., WOS

[1.1] WANG, P.Y. - ZHANG, J.F. - XUE, J.S. - ZHOU, Y.B. - ZHANG, J.C. - HAO, Y. In ACTA PHYSICA SINICA. NOV 2011, vol. 60, no. 11., WOS

[1.1] ZHANG, J.F. - WANG, P.Y. - XUE, J.S. - ZHOU, Y.B. - ZHANG, J.C. - HAO, Y. In ACTA PHYSICA SINICA. NOV 2011, vol. 60, no. 11., WOS

ADCA407 KUZMÍK, Ján - KOSTOPOULOS, T. - KONSTANTINIDIS, G. - CARLIN, J.-F. - GEORGAKILAS, A. - POGANY, D.. InAlN/GaN HEMTs: A first insight into technological optimization. In *IEEE Transactions on Electron Devices*, 2006, vol. 53, p. 422-426. (2006 - Current Contents). ISSN 0018-9383.

Ohlasy:

[1.1] AKAZAWA, M. - GAO, B. - HASHIZUME, T. - HIROKI, M. - YAMAHATA, S. - SHIGEKAWA, N. In JOURNAL OF APPLIED PHYSICS. JAN 1 2011, vol. 109, no. 1., WOS

[1.1] ARSLAN, E. - BUTUN, S. - SAFAK, Y. - CAKMAK, H. - YU, H.B. - OZBAY, E. In MICROELECTRONICS RELIABILITY. MAR 2011, vol. 51, no. 3, p. 576-580., WOS
[1.1] BENYAHYA, N. - MAZARI, H. - BENSEDDIK, N. - BENAMARA, Z. - MOSTEFAOUI, M. - AMEUR, K. - KHELIFI, R. - BLUET, J.M. - CHIKHAOUI, W. - BRU-CHEVALLIER, C. In OPTICAL AND QUANTUM ELECTRONICS. JAN 2014, vol. 46, no. 1, SI, p. 209-219., WOS
[1.1] DAWAHRE, N. - SHEN, G. - RENFROW, S.N. - KIM, S.M. - KUNG, P. In JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B. JUL 2013, vol. 31, no. 4., WOS
[1.1] DONOVAL, D. - CHVALA, A. - SRAMATY, R. - KOVAC, J. - MORVAN, E. - DUA, C. - DIFORTE-POISSON, M.A. - KORDOS, P. In JOURNAL OF APPLIED PHYSICS. MAR 15 2011, vol. 109, no. 6., WOS
[1.1] DU, J.F. - YAN, H. - YIN, C.G. - FENG, Z.H. - DUN, S.B. - YU, Q. In JOURNAL OF APPLIED PHYSICS. APR 28 2014, vol. 115, no. 16., WOS
[1.1] FENG, Q. - LI, Q. - XING, T. - WANG, Q. - ZHANG, J.C. - HAO, Y. In CHINESE PHYSICS B. JUN 2012, vol. 21, no. 6., WOS
[1.1] GANGULY, S. - KONAR, A. - HU, Z.Y. - XING, H.L. - JENA, D. In APPLIED PHYSICS LETTERS. DEC 17 2012, vol. 101, no. 25., WOS
[1.1] GONZALEZ-POSADA, F. - AZIZE, M. - GAO, X. - GUO, S.P. - MONROY, E. - PALACIOS, T. In JAPANESE JOURNAL OF APPLIED PHYSICS. AUG 2013, vol. 52, no. 8, 2, SI., WOS
[1.1] CHEN, R.S. - TANG, C.C. - HSIAO, C.L. - HOLTZ, P.O. - BIRCH, J. In APPLIED SURFACE SCIENCE. NOV 15 2013, vol. 285, B, p. 625-628., WOS
[1.1] CHEN, Z.T. - FUJITA, K. - ICHIKAWA, J. - EGAWA, T. In IEEE ELECTRON DEVICE LETTERS. MAY 2011, vol. 32, no. 5, p. 620-622., WOS
[1.1] CHOI, S. - KIM, H.J. - LOCHNER, Z. - KIM, J. - DUPUIS, R.D. - FISCHER, A.M. - JUDAY, R. - HUANG, Y. - LI, T. - HUANG, J.Y.Y. - PONCE, F.A. - RYOU, J.H. In JOURNAL OF CRYSTAL GROWTH. FEB 15 2014, vol. 388, p. 137-142., WOS
[1.1] JONES, E.J. - AZIZE, M. - SMITH, M.J. - PALACIOS, T. - GRADECAK, S. In APPLIED PHYSICS LETTERS. SEP 10 2012, vol. 101, no. 11., WOS
[1.1] KIM, H.Y. - KIM, J. - LIU, L. - LO, C.F. - REN, F. - PEARTON, S.J. In JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B. SEP 2013, vol. 31, no. 5., WOS
[1.1] KIM, H.Y. - LO, C.F. - LIU, L. - REN, F. - KIM, J. - PEARTON, S.J. In APPLIED PHYSICS LETTERS. JAN 2 2012, vol. 100, no. 1., WOS
[1.1] KIM, S. - KIM, H.J. - CHOI, S. - LOCHNER, Z. - RYOU, J.H. - DUPUIS, R.D. - AHN, K.S. - KIM, H. In JAPANESE JOURNAL OF APPLIED PHYSICS. OCT 2013, vol. 52, no. 10, 2, SI., WOS
[1.1] KIM, S. - KIM, H.J. - CHOI, S. - RYOU, J.H. - DUPUIS, R.D. - AHN, K.S. - KIM, H. In JAPANESE JOURNAL OF APPLIED PHYSICS. OCT 2013, vol. 52, no. 10, 2, SI., WOS
[1.1] KOVAC, J. - SRAMATY, R. - CHVALA, A. - SIBBONI, H. - MORVAN, E. - DIFORTE-POISSON, M.A. - DONOVAL, D. - KORDOS, P. In APPLIED PHYSICS LETTERS. APR 18 2011, vol. 98, no. 16., WOS
[1.1] LEE, D.S. - LIU, Z.H. - PALACIOS, T. In JAPANESE JOURNAL OF APPLIED PHYSICS. OCT 2014, vol. 53, no. 10., WOS

[1.1] LIN, F. - SHEN, B. - LU, L.W. - XU, F.J. - LIU, X.Y. - WEI, K. In CHINESE PHYSICS B. MAR 2014, vol. 23, no. 3., WOS

[1.1] LO, C.F. - LIU, L. - KANG, T.S. - REN, F. - SCHWARZ, C. - FLITSIYAN, E. - CHERNYAK, L. - KIM, H.Y. - KIM, J. - YUN, S.P. - LABOUTIN, O. - CAO, Y. - JOHNSON, J.W. - PEARTON, S.J. In JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B. MAY-JUN 2012, vol. 30, no. 3., WOS

[1.1] NAKANO, T. - CHIBA, M. - AKAZAWA, M. In JAPANESE JOURNAL OF APPLIED PHYSICS. APR 2014, vol. 53, no. 4, SI., WOS

[1.1] NSELE, S.D. - ESCOTTE, L. - TARTARIN, J.G. - PIOTROWICZ, S. - DELAGE, S.L. In APPLIED PHYSICS LETTERS. NOV 10 2014, vol. 105, no. 19., WOS

[1.1] RAIS-ZADEH, M. - GOKHALE, V.J. - ANSARI, A. - FAUCHER, M. - THERON, D. - CORDIER, Y. - BUCHAILLOT, L. In JOURNAL OF MICROELECTROMECHANICAL SYSTEMS. DEC 2014, vol. 23, no. 6, p. 1252-1271., WOS

[1.1] ROSSETTO, I. - RAMPAZZO, F. - SILVESTRI, R. - ZANANDREA, A. - DUA, C. - DELAGE, S. - OUALLI, M. - MENEGHINI, M. - ZANONI, E. - MENEGHESSO, G. In MICROELECTRONICS RELIABILITY. SEP-NOV 2013, vol. 53, no. 9-11, SI, p. 1476-1480., WOS

[1.1] ROSSETTO, I. - RAMPAZZO, F. - MENEGHINI, M. - SILVESTRI, M. - DUA, C. - GAMARRA, P. - AUBRY, R. - DI FORTE-POISSON, M.A. - PATARD, O. - DELAGE, S.L. - MENEGHESSO, G. - ZANONI, E. In MICROELECTRONICS RELIABILITY. SEP-OCT 2014, vol. 54, no. 9-10, SI, p. 2248-2252., WOS

[1.1] XUE, J.S. - ZHANG, J.C. - ZHANG, K. - ZHAO, Y. - ZHANG, L.X. - MA, X.H. - LI, X.G. - MENG, F.N. - HAO, Y. In JOURNAL OF APPLIED PHYSICS. JUN 1 2012, vol. 111, no. 11., WOS

[1.1] ZHANG, K. - XUE, J.S. - CAO, M. - YANG, L.Y. - CHEN, Y.H. - ZHANG, J.C. - MA, X.H. - HAO, Y. In JOURNAL OF APPLIED PHYSICS. MAY 7 2013, vol. 113, no. 17., WOS

[1.1] ZHOU, Y. - LIN, Z.J. - LUAN, C.B. - ZHAO, J.T. - YANG, Q.H. - YANG, M. - WANG, Y.T. - FENG, Z.H. - LV, Y.J. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. SEP 2014, vol. 29, no. 9., WOS

[1.2] Akazawa, M., Nakano, T.: e-Journal of Surface Science and Nanotechnology 12 (2014) pp. 83-88, SCOPUS

[1.2] Liu, H., Zhou, J., Dong, X., Chen, T. In Guti Dianzixue Yanjiu Yu Jinzhan/Research and Progress of Solid State Electronics 31 (2011) , pp. 120-123, SCOPUS

[1.2] Wu, Y.-H., Wong, Y.-Y., Chen, W.-C., Tsai, D.-S., Peng, C.-Y., Tian, J.-S., Chang, L., Chang, E.Y. Materials Research Express Volume 1, (2014), Article number 015904, SCOPUS

[1.2] Zhou, J. , Dong, X., Lu, H., Kong, C., Kong, Y., Chen, T., Chen, C.: 2014 IEEE International Conference on Electron Devices and Solid-State Circuits, EDSSC 2014. Art. no. 7061277, SCOPUS

ADCA408 KUZMÍK, Ján. InAlN/(In)GaN high electron mobility transistors some aspects of the quantum well heterostructure proposal. In *Semiconductor Science and Technology*. - Bristol : Institute of Physics, 2002, vol. 17, p. 540-544. ISSN 0268-1242.

Ohlasy:

[1.1] ALEXEWICZ, A. - OSTERMAIER, C. - HENKEL, C. - BETHGE, O. - CARLIN, J.F. - LUGANI, L. - GRANDJEAN, N. - BERTAGNOLLI, E. - POGANY, D. - STRASSER, G. In THIN SOLID FILMS. JUL 31 2012, vol. 520, no. 19, p. 6230-6232., WOS

[1.1] AZIZE, M. - HSU, A.L. - SAADAT, O.I. - SMITH, M. - GAO, X. - GUO, S.P. - GRADECAK, S. - PALACIOS, T. In IEEE ELECTRON DEVICE LETTERS. DEC 2011, vol. 32, no. 12, p. 1680-1682., WOS

[1.1] DADGAR, A. - FRITZE, S. - SCHULZ, O. - HENNIG, J. - BLASING, J. - WITTE, H. - DIEZ, A. - HEINLE, U. - KUNZE, M. - DAUMILLER, I. - HABERLAND, K. - KROST, A. In JOURNAL OF CRYSTAL GROWTH. MAY 1 2013, vol. 370, p. 278-281., WOS

[1.1] DAKHLAOUI, H. In CHINESE PHYSICS B. SEP 2014, vol. 23, no. 9., WOS

[1.1] ELIBOL, K. - ATMACA, G. - TASLI, P. - LISESIVDIN, S.B. In SOLID STATE COMMUNICATIONS. MAY 2013, vol. 162, p. 8-12., WOS

[1.1] GAN, X.W. - WANG, Z. - WANG, W. - WANG, T. - WU, H. - LIU, C. In MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING. NOV 2014, vol. 27, p. 665-671., WOS

[1.1] GOSWAMI, A. - TREW, R.J. - BILBRO, G.L. In JOURNAL OF APPLIED PHYSICS. OCT 28 2014, vol. 116, no. 16., WOS

[1.1] HASAN, M.T. - TOKUDA, H. - KUZUHARA, M. In APPLIED PHYSICS LETTERS. SEP 26 2011, vol. 99, no. 13., WOS

[1.1] CHANG, S.C. - HSIEH, C.Y. - LIN, B.W. - CHO, H.J. - HSU, W.C. - WU, Y.S. In ECS SOLID STATE LETTERS. 2014, vol. 3, no. 11, p. R53-R55., WOS

[1.1] CHARASH, R. - KIM-CHAUVEAU, H. - LAMY, J.M. - AKTHER, M. - MAASKANT, P.P. - FRAYSSINET, E. - DE MIERRY, P. - DRAGER, A.D. - DUBOZ, J.Y. - HANGLEITER, A. - CORBETT, B. In APPLIED PHYSICS LETTERS. MAY 16 2011, vol. 98, no. 20., WOS

[1.1] CHEN, Z.T. - FUJITA, K. - ICHIKAWA, J. - EGAWA, T. In IEEE ELECTRON DEVICE LETTERS. MAY 2011, vol. 32, no. 5, p. 620-622., WOS

[1.1] CHOI, S. - KIM, H.J. - LOCHNER, Z. - KIM, J. - DUPUIS, R.D. - FISCHER, A.M. - JUDAY, R. - HUANG, Y. - LI, T. - HUANG, J.Y.Y. - PONCE, F.A. - RYOU, J.H. In JOURNAL OF CRYSTAL GROWTH. FEB 15 2014, vol. 388, p. 137-142., WOS

[1.1] JARDEL, O. - CALLET, G. - DUFRAISSE, J. - PIAZZA, M. - SARAZIN, N. - CHARTIER, E. - OUALLI, M. - AUBRY, R. - REVEYRAND, T. - JACQUET, J.C. - POISSON, M.A.D. - MORVAN, E. - PIOTROWICZ, S. - DELAGE, S.L. In INTERNATIONAL JOURNAL OF MICROWAVE AND WIRELESS TECHNOLOGIES. JUN 2011, vol. 3, no. 3, SI, p. 301-309., WOS

[1.1] JONES, E. - COOPER, D. - ROUVIERE, J.L. - BECHE, A. - AZIZE, M. - PALACIOS, T. - GRADECAK, S. In APPLIED PHYSICS LETTERS. DEC 2 2013, vol. 103, no. 23., WOS

[1.1] KELEKCI, O. - TASLI, P. - CETIN, S.S. - KASAP, M. - OZCELIK, S. - OZBAY, E. In CURRENT APPLIED PHYSICS. NOV 2012, vol. 12, no. 6, p. 1600-1605., WOS

[1.1] KIM, J. - LOCHNER, Z. - JI, M.H. - CHOI, S. - KIM, H.J. - KIM, J.S. - DUPUIS, R.D. - FISCHER, A.M. - JUDAY, R. - HUANG, Y. - LI, T. - HUANG, J.Y.Y. - PONCE, F.A. - RYOU, J.H. In JOURNAL OF CRYSTAL

GROWTH. FEB 15 2014, vol. 388, p. 143-149., WOS
[1.1] KIM, S. - KIM, H.J. - CHOI, S. - LOCHNER, Z. - RYOU, J.H. - DUPUIS, R.D. - AHN, K.S. - KIM, H. In JAPANESE JOURNAL OF APPLIED PHYSICS. OCT 2013, vol. 52, no. 10, 2, SI., WOS
[1.1] KIM, S. - KIM, H.J. - CHOI, S. - RYOU, J.H. - DUPUIS, R.D. - AHN, K.S. - KIM, H. In JAPANESE JOURNAL OF APPLIED PHYSICS. OCT 2013, vol. 52, no. 10, 2, SI., WOS
[1.1] LAURENT, T. - SHARMA, R. - TORRES, J. - NOUVEL, P. - BLIN, S. - PALERMO, C. - VARANI, L. - CORDIER, Y. - CHMIELOWSKA, M. - FAURIE, J.P. - BEAUMONT, B. In ACTA PHYSICA POLONICA A. FEB 2011, vol. 119, no. 2, p. 196-198., WOS
[1.1] LENKA, T.R. - DASH, G.N. - PANDA, A.K. In INTERNATIONAL CONFERENCE ON SOLID STATE DEVICES AND MATERIALS SCIENCE. 2012, vol. 25, p. 36-43., WOS
[1.1] LIU, G.Y. - ZHANG, J. - LI, X.H. - HUANG, G.S. - PASKOVA, T. - EVANS, K.R. - ZHAO, H.P. - TANSU, N. In JOURNAL OF CRYSTAL GROWTH. FEB 1 2012, vol. 340, no. 1, p. 66-73., WOS
[1.1] LIU, Y. - SINGH, S.P. - NGOO, Y.J. - KYAW, L.M. - BERA, M.K. - LO, Q.Q. - CHOR, E.F. In JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B. MAY 2014, vol. 32, no. 3., WOS
[1.1] MOSER, P. - BLASING, J. - DADGAR, A. - HEMPEL, T. - CHRISTEN, J. - KROST, A. In JAPANESE JOURNAL OF APPLIED PHYSICS. MAR 2011, vol. 50, no. 3, Part 1., WOS
[1.1] MUHTADI, S.M. - HOSSAIN, S.M.S. - BHUIYAN, A.G. - SASAMOTO, K. - HASHIMOTO, A. - YAMAMOTO, A. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 8, NO 7-8. 2011, vol. 8, no. 7-8., WOS
[1.1] MUHTADI, S.M. - HOSSAIN, S.M.S. - BHUIYAN, A.G. - SUGITA, K. - HASHIMOTO, A. - YAMAMOTO, A. - HOSSAIN, M.M. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 8, NO 7-8. 2011, vol. 8, no. 7-8., WOS
[1.1] NARESH-KUMAR, G. - VILALTA-CLEMENTE, A. - PANDEY, S. - SKURIDINA, D. - BEHMENBURG, H. - GAMARRA, P. - PATRIARCHE, G. - VICKRIDGE, I. - DI FORTE-POISSON, M.A. - VOGT, P. - KNEISSL, M. - MORALES, M. - RUTERANA, P. - CAVALLINI, A. - CAVALCOLI, D. - GIESEN, C. - HEUKEN, M. - TRAGER-COWAN, C. In AIP ADVANCES. DEC 2014, vol. 4, no. 12., WOS
[1.1] SAITO, H. - TAKADA, Y. - KURAGUCHI, M. - YUMOTO, M. - TSUDA, K. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 10, NO 5. 2013, vol. 10, no. 5, p. 824-826., WOS
[1.1] SCHULZ, O. - DADGAR, A. - HENNIG, J. - KRUMM, O. - FRITZE, S. - BLASING, J. - WITTE, H. - DIEZ, A. - KROST, A. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 11, NO 3-4. 2014, vol. 11, no. 3-4, p. 397-400., WOS
[1.1] SLEPKO, A. - RAMDANI, J. - DEMKOV, A.A. In JOURNAL OF APPLIED PHYSICS. JAN 7 2013, vol. 113, no. 1., WOS
[1.1] TULEK, R. - ARSLAN, E. - BAYRAKLI, A. - TURHAN, S. - GOKDEN, S. - DUYGULU, O. - KAYA, A.A. - FIRAT, T. - TEKE, A. - OZBAY, E. In THIN SOLID FILMS. JAN 31 2014, vol. 551, p. 146-152., WOS
[1.1] XIE, S. - FENG, Z.H. - ZHANG, S.L. - LIU, B. - MAO, L.H. In 2011

INTERNATIONAL CONFERENCE OF ELECTRON DEVICES AND SOLID-STATE CIRCUITS (EDSSC). 2011., WOS

[1.1] XUE, J.S. - ZHANG, J.C. - ZHANG, W. - LI, L. - MENG, F.N. - LU, M. - NING, J. - HAO, Y. In JOURNAL OF CRYSTAL GROWTH. MAR 15 2012, vol. 343, no. 1, p. 110-114., WOS

[1.1] YANG, Y.N. - WANG, X.Q. - LU, L.W. - HUANG, C.C. - XU, F.J. - SHEN, B. In ACTA PHYSICA SINICA. SEP 2013, vol. 62, no. 17., WOS

[1.1] YU, H.B. - OZTURK, M. - DEMIREL, P. - CAKMAK, H. - BOLUKBAS, B. - CALISKAN, D. - OZBAY, E. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. AUG 2011, vol. 26, no. 8., WOS

[1.1] ZHOU, Y. - LIN, Z.J. - LUAN, C.B. - ZHAO, J.T. - YANG, Q.H. - YANG, M. - WANG, Y.T. - FENG, Z.H. - LV, Y.J. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. SEP 2014, vol. 29, no. 9., WOS

[1.1] ZHU, J.J. - FAN, Y.M. - ZHANG, H. - LU, G.J. - WANG, H. - ZHAO, D.G. - JIANG, D.S. - LIU, Z.S. - ZHANG, S.M. - CHEN, G.F. - ZHANG, B.S. - YANG, H. In JOURNAL OF CRYSTAL GROWTH. JUN 1 2012, vol. 348, no. 1, p. 25-30., WOS

[1.2] Bi, Y. , Wang, X.L., Wang, C.M., Li, J.P., Liu, H.X., Chen, H., Xiao, H.L., Feng, C., Jiang, L.J.: EPJ Applied Physics Vol. 57, Issue 3, (2012) 30103, SCOPUS

[1.2] Bi, Y., Wang, X., Xiao, H., Wang, C., Yang, C., Peng, E., Lin, D., Feng, C., Jiang, L. In Journal of Semiconductors 32 (2011) , art. no. 083003, SCOPUS

[1.2] Jardel, O. Callet, G., Dufraisse, J., Piazza, M., Sarazin, N., Chartier, E., Oualli, M., Aubry, R., Reveyrand, T., Jacquet, J.-C., Di Forte Poisson, M.-A., Morvan, E., Piotrowicz, S., Delage, S.L. In International Journal of Microwave and Wireless Technologies 3 (2011) , pp. 301-309, SCOPUS

[1.2] Lecourt, F., Defrance, N., Hoel, V., De Jaeger, J.-C., Ketteniss, N., Behmenburg, H., Eickelkamp, M., Vescan, A., Giesen, C., Heuken, M. In EuMW 2011, Conference Proceedings - 6th European Microwave Integrated Circuit Conference, EuMIC 2011 , art. no. 6102861 , pp. 136-139, SCOPUS

ADCA409 KUZMÍK, Ján - BYCHIKHIN, S. - POGANY, D. - GAQUIERE, C. - PICHONAT, E. - MORVAN, E. Investigation of the thermal boundary resistance at the III-Nitride/substrate interface using optical methods. In *Journal of Applied Physics*. - New York : American Institute of Physics, 2007, vol. 101, p. 054508. (2.316 - IF2006). (2007 - Current Contents, SCOPUS). ISSN 0021-8979.

Ohlasy:

[1.1] BABIC, D.I. In IEEE TRANSACTIONS ON ELECTRON DEVICES. APR 2014, vol. 61, no. 4, p. 1047-1053., WOS

[1.1] BOZORG-GRAYELI, E. - LI, Z.J. - GAMBIN, V. - ASHEGHI, M. - GOODSON, K.E. In 2012 13TH IEEE INTERSOCIETY CONFERENCE ON THERMAL AND THERMOMECHANICAL PHENOMENA IN ELECTRONIC SYSTEMS (ITHERM). 2012, p. 1059-1064., WOS

[1.1] DONOVAN, B. F. - SZWEJKOWSKI, C. J. - DUDA, J. C. - CHEAITO, R. - GASKINS, J. T. - YANG, C. -Y. P. - CONSTANTIN, C. - JONES, R. E. - HOPKINS, P. E. In APPLIED PHYSICS LETTERS. NOV 17 2014, vol. 105, no. 20., WOS

[1.1] HAN, N. - CUONG, T.V. - HAN, M. - RYU, B.D. - CHANDRAMOHAN, S. - PARK, J.B. - KANG, J.H. - PARK, Y.J. - KO, K.B. -

KIM, H.Y. - KIM, H.K. - RYU, J.H. - KATHARRIA, Y.S. - CHOI, C.J. - HONG, C.H. In NATURE COMMUNICATIONS. FEB 2013, vol. 4., WOS
[1.1] HJELMGREN, H. - THORSELL, M. - ANDERSSON, K. - RORSMAN, N. In IEEE TRANSACTIONS ON ELECTRON DEVICES. DEC 2012, vol. 59, no. 12, p. 3344-3349., WOS
[1.1] HWANG, Y.-H. - KANG, T.-S. - REN, F. - PEARTON, S. J. In JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B. NOV 2014, vol. 32, no. 6., WOS
[1.1] CHO, J. - LI, Y. - HOKE, W. E. - ALTMAN, D. H. - ASHEGHI, M. - GOODSON, K. E. In PHYSICAL REVIEW B. MAR 3 2014, vol. 89, no. 11., WOS
[1.1] CHO, J.W. - BOZORG-GRAYELI, E. - ALTMAN, D.H. - ASHEGHI, M. - GOODSON, K.E. In IEEE ELECTRON DEVICE LETTERS. MAR 2012, vol. 33, no. 3, p. 378-380., WOS
[1.1] CHO, J.W. - LI, Y.Y. - ALTMAN, D.H. - HOKE, W.E. - ASHEGHI, M. - GOODSON, K.E. In 2012 IEEE COMPOUND SEMICONDUCTOR INTEGRATED CIRCUIT SYMPOSIUM (CSICS). 2012., WOS
[1.1] CHO, J.W. - LI, Z.J. - BOZORG-GRAYELI, E. - KODAMA, T. - FRANCIS, D. - EJECKAM, F. - FAILI, F. - ASHEGHI, M. - GOODSON, K.E. In 2012 13TH IEEE INTERSOCIETY CONFERENCE ON THERMAL AND THERMOMECHANICAL PHENOMENA IN ELECTRONIC SYSTEMS (ITHERM). 2012, p. 435-439., WOS
[1.1] CHO, J.W. - LI, Z.J. - BOZORG-GRAYELI, E. - KODAMA, T. - FRANCIS, D. - EJECKAM, F. - FAILI, F. - ASHEGHI, M. - GOODSON, K.E. In IEEE TRANSACTIONS ON COMPONENTS PACKAGING AND MANUFACTURING TECHNOLOGY. JAN 2013, vol. 3, no. 1, p. 79-85., WOS
[1.1] SCHWITTER, B. K. - PARKER, A. E. - MAHON, S. J. - FATTORINI, A. P. - HEIMLICH, Michael C. In IEEE TRANSACTIONS ON ELECTRON DEVICES. MAY 2014, vol. 61, no. 5, p. 1327-1334., WOS
[1.1] SOUDI, A. - DAWSON, R.D. - GU, Y. In ACS NANO. JAN 2011, vol. 5, no. 1, p. 255-262., WOS
[1.1] TALLARICO, A.N. - MAGNONE, P. - SANGIORGI, E. - FIEGNA, C. In 2014 INTERNATIONAL CONFERENCE ON SIMULATION OF SEMICONDUCTOR PROCESSES AND DEVICES (SISPAD). 2014, p. 233-236., WOS
[1.1] WANG, J.H. - WANG, X.H. - PANG, L. - CHEN, X.J. - LIU, X.Y. In CHINESE PHYSICS LETTERS. AUG 2012, vol. 29, no. 8., WOS
[1.1] WANG, Z. - TIAN, X. - LIANG, J. - ZHU, J. - TANG, D.- XU, K. In INTERNATIONAL JOURNAL OF THERMAL SCIENCES. MAY 2014, vol. 79, p. 266-275., WOS
[1.1] ZHENG, H. - JAGANNADHAM, K. In IEEE TRANSACTIONS ON ELECTRON DEVICES. JUN 2013, vol. 60, no. 6, p. 1911-1915., WOS
[1.2] Babić, D.I., Diduck, Q., Smart, J.,Francis, D., Faili, F., Ejeckam, F. MIPRO 2012 - 35th International Convention on Information and Communication Technology, Electronics and Microelectronics - Proceedings (2012) art. no. 6240612 , pp. 48, SCOPUS
[1.2] Bozorg-Grayeli, E., Li, Z., Gambin, V.,Asheghi, M., Goodson, K.E. InterSociety Conference on Thermal and Thermomechanical Phenomena in Electronic Systems, ITHERM (2012) art. no. 6231541 , pp. 1059, SCOPUS
[1.2] Cho, J., Li, Y., Altman, D.H., Hoke, W.E., Asheghi, M., Goodson, K.E.

Technical Digest - IEEE Compound Semiconductor Integrated Circuit Symposium, CSIC (2012) art. no. 6340094, SCOPUS

[1.2] Cho, J., Li, Y., Bozorg-Grayeli, E., Kodama, T., Asheghi, M., and Goodson, K.E., Francis, D., Ejeckam, F., Faili, F. InterSociety Conference on Thermal and Thermomechanical Phenomena in Electronic Systems, ITHERM (2012) art. no. 6231463 , pp. 435, SCOPUS

[1.2] Wang, J., Wang, X., Pang, L., Chen, X.,Jin, Z., Liu, X. Journal of Semiconductors 33 (2012) , art. no. 094004, SCOPUS

[1.2] Won, Y. , Cho, J., Agonafer, D., Asheghi, M., Goodson, K.E. Technical Digest - IEEE CSIC (2013) 6659222, SCOPUS

ADCA410 KUZMÍK, Ján. N-polarity InN/GaN/InAlN high-electron-mobility transistors. In *Applied Physics Express*, 2012, vol. 5, 044101. (3.013 - IF2011). (2012 - Current Contents). ISSN 1882-0778.

Ohlasy:

[1.1] WONG, M.H. - KELLER, S. - NIDHI, S.D. - DENNINGHOFF, D.J. - KOLLURI, S. - BROWN, D.F. - LU, J. - FICHTENBAUM, N.A. - AHMADI, E. - SINGISETTI, U. - CHINI, A. - RAJAN, S. - DENBAARS, S.P. - SPECK, J.S. - MISHRA, U.K. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. JUL 2013, vol. 28, no. 7, SI., WOS

[1.1] XIA, H. - FENG, Y. - PATTERSON, R. - JIA, X. - SHRESTHA, S. - CONIBEER, G. In JOURNAL OF APPLIED PHYSICS. APR 28 2013, vol. 113, no. 16., WOS

ADCA411 KUZMÍK, Ján. Power electronics on InAlN/(In)GaN: prospect for a record performance. In *IEEE Electron Devices Letters*, 2001, vol. 22, p. 510-512. (2001 - Current Contents). ISSN 0741-3106.

Ohlasy:

[1.1] ABINGEORGE - NIRMAL, D. - PRAJOON, P. - MATHEW, A. In 2014 INTERNATIONAL CONFERENCE ON ELECTRONICS AND COMMUNICATION SYSTEMS (ICECS). 2014., WOS

[1.1] ADAK, S.- SARKAR, A. - SWAIN, S. - PARDESHI, H. - PATI, S. K. - SARKAR, C. K. In SUPERLATTICES AND MICROSTRUCTURES. NOV 2014, vol. 75, p. 347-357., WOS

[1.1] AKAZAWA, M. In JAPANESE JOURNAL OF APPLIED PHYSICS. FEB 2014, vol. 53, no. 2., WOS

[1.1] AKAZAWA, M. - GAO, B. - HASHIZUME, T. - HIROKI, M. - YAMAHATA, S. - SHIGEKAWA, N. In APPLIED PHYSICS LETTERS. ISSN 0003-6951, APR 4 2011, vol. 98, no. 14., WOS

[1.1] AKAZAWA, M. - GAO, B. - HASHIZUME, T. - HIROKI, M. - YAMAHATA, S. - SHIGEKAWA, N. In JOURNAL OF APPLIED PHYSICS. ISSN 0021-8979, JAN 1 2011, vol. 109, no. 1., WOS

[1.1] AKAZAWA, M. - GAO, B. - HASHIZUME, T. - HIROKI, M. - YAMAHATA, S. - SHIGEKAWA, N. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 8, NO 7-8. 2011, vol. 8, no. 7-8., WOS

[1.1] AKAZAWA, M. - GAO, B. - HASHIZUME, T. - HIROKI, M. - YAMAHATA, S. - SHIGEKAWA, N. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 9, NO 3-4. 2012, vol. 9, no. 3-4, p. 592-595., WOS

[1.1] AKAZAWA, M. - CHIBA, M. - NAKANO, T. In APPLIED PHYSICS LETTERS. JUN 10 2013, vol. 102, no. 23., WOS
[1.1] AKAZAWA, M. - NAKANO, T. In APPLIED PHYSICS LETTERS. SEP 17 2012, vol. 101, no. 12., WOS
[1.1] AKAZAWA, M. - NAKANO, T. In ECS SOLID STATE LETTERS. 2012, vol. 1, no. 1, p. P4-P6., WOS
[1.1] AKAZAWA, M. - NAKANO, T. In JAPANESE JOURNAL OF APPLIED PHYSICS. AUG 2013, vol. 52, no. 8, 2, SI., WOS
[1.1] ARDARAVICIUS, L. - KIPRIJANOVIC, O. - LIBERIS, J. In ACTA PHYSICA POLONICA A. ISSN 0587-4246, FEB 2011, vol. 119, no. 2, p. 231-233., WOS
[1.1] ARULKUMARAN, S. - RANJAN, K. - NG, G. I. - KUMAR, C. M. Manoj - VICKNESH, S. - DOLMANAN, S. B. - TRIPATHY, S. In IEEE ELECTRON DEVICE LETTERS. OCT 2014, vol. 35, no. 10, p. 992-994., WOS
[1.1] BALIGA, B.J. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. JUL 2013, vol. 28, no. 7, SI., WOS
[1.1] BAYRAKLI, A. - ARSLAN, E. - FIRAT, T. - OZCAN, S. - KAZAR, O. - CAKMAK, H. - OZBAY, E. In PHYSICA STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE. JUN 2012, vol. 209, no. 6, p. 1119-1123., WOS
[1.1] BENYAHYA, N. - MAZARI, H. - BENSEDDIK, N. - BENAMARA, Z. - MOSTEFAOUI, M. - AMEUR, K. - KHELIFI, R. - BLUET, J. M. - CHIKHAOUI, W. - BRU-CHEVALLIER, C. In OPTICAL AND QUANTUM ELECTRONICS. JAN 2014, vol. 46, no. 1, SI, p. 209-219., WOS
[1.1] BERA, M. K. - LIU, Y. - KYAW, L. M. - NGOO, Y. J. - SINGH, S. P. - CHOR, E. F. In WIDE BANDGAP SEMICONDUCTOR MATERIALS AND DEVICES 15. 2014, vol. 61, no. 4, p. 271-280., WOS
[1.1] BERA, M. K. - LIU, Y. - KYAW, L. M. - NGOO, Y. J. - SINGH, S. P. - CHOR, E. F. In ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY. 2014, vol. 3, no. 6, p. Q120-Q126., WOS
[1.1] BERA, M.K. - LIU, Y. - KYAW, L.M. - NGOO, Y.J. - CHOR, E.F. In WIDE-BANDGAP SEMICONDUCTOR MATERIALS AND DEVICES 14. 2013, vol. 53, no. 2, p. 65-74., WOS
[1.1] BILLINGSLEY, D. - YANG, J.W. - GASKA, R. - SHUR, M. In JOURNAL OF CRYSTAL GROWTH. ISSN 0022-0248, JUL 15 2011, vol. 327, no. 1, p. 98-101., WOS
[1.1] BRAZZINI, T. - TADJER, M.J. - GACEVIC, Z. - PANDEY, S. - CAVALLINI, A. - CALLE, F. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. MAY 2013, vol. 28, no. 5., WOS
[1.1] DADGAR, A. - FRITZE, S. - SCHULZ, O. - HENNIG, J. - BLASING, J. - WITTE, H. - DIEZ, A. - HEINLE, U. - KUNZE, M. - DAUMILLER, I. - HABERLAND, K. - KROST, A. In JOURNAL OF CRYSTAL GROWTH. MAY 1 2013, vol. 370, p. 278-281., WOS
[1.1] DASGUPTA, S. - NIDHI - CHOI, S. - WU, F. - SPECK, J.S. - MISHRA, U.K. In APPLIED PHYSICS EXPRESS. ISSN 1882-0778, APR 2011, vol. 4, no. 4., WOS
[1.1] DING, J.Q. - WANG, X.L. - XIAO, H.L. - WANG, C.M. - CHEN, H. - BI, Y. - DENG, Q.W. - ZHANG, J.W. - HOU, X. In APPLIED PHYSICS LETTERS. OCT 29 2012, vol. 101, no. 18., WOS
[1.1] DING, K. - WANG, C. - ZHANG, B. - ZHANG, Y. - GUAN, M. -

CUI, L. - ZHANG, Y. - ZENG, Y. - LIN, Z. - HUANG, F. In IEEE ELECTRON DEVICE LETTERS. MAR 2014, vol. 35, no. 3, p. 333-335., WOS
[1.1] EICKELKAMP, M. - WEINGARTEN, M. - KHOSHROO, L.R. - KETTENISS, N. - BEHMENBURG, H. - HEUKEN, M. - DONOVAL, D. - CHVALA, A. - KORDOS, P. - KALISCH, H. - VESCAN, A. In JOURNAL OF APPLIED PHYSICS. ISSN 0021-8979, OCT 15 2011, vol. 110, no. 8., WOS
[1.1] EICKELKAMP, M. - WEINGARTEN, M. - KHOSHROO, L.R. - KETTENISS, N. - BEHMENBURG, H. - HEUKEN, M. - KALISCH, H. - JANSEN, R.H. - VESCAN, A. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 8, NO 7-8. 2011, vol. 8, no. 7-8., WOS
[1.1] FANG, Y. - FENG, Z. - YIN, J. - ZHOU, Xi. - WANG, Y. - GU, G. - SONG, X. - LV, Y. - LI, C. - CAI, S. In IEEE TRANSACTIONS ON ELECTRON DEVICES. DEC 2014, vol. 61, no. 12, p. 4084-4089., WOS
[1.1] FENG, Q. - LI, Q. - XING, T. - WANG, Q. - ZHANG, J.C. - HAO, Y. In CHINESE PHYSICS B. JUN 2012, vol. 21, no. 6., WOS
[1.1] FERREYRA, R.A. - KAYIS, C. - ZHU, C.V. - OZGUR, U. - MORKOC, H. In GALLIUM NITRIDE MATERIALS AND DEVICES VII. 2012, vol. 8262., WOS
[1.1] GAMARRA, P. - LACAM, C. - MAGIS, M. - TORDJMAN, M. - POISSON, M.A.D. In PHYSICA STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE. JAN 2012, vol. 209, no. 1, p. 21-24., WOS
[1.1] GANGULY, S. - KONAR, A. - HU, Z.Y. - XING, H.L. - JENA, D. In APPLIED PHYSICS LETTERS. DEC 17 2012, vol. 101, no. 25., WOS
[1.1] GANGULY, S. - VERMA, J. - HU, Z. - XING, H.(Grace) - JENA, D. In APPLIED PHYSICS EXPRESS. MAR 2014, vol. 7, no. 3., WOS
[1.1] GAO, X. - GORKA, D. - SAUNIER, P. - KETTERSON, A. - ZHOU, L. - SMITH, D.J. - GUO, S.P. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 8, NO 7-8. 2011, vol. 8, no. 7-8., WOS
[1.1] GEUM, D.M. - SHIN, S.H. - KIM, M.S. - JANG, J.H. In ELECTRONICS LETTERS. NOV 21 2013, vol. 49, no. 24, p. 1536-+., WOS
[1.1] GONSCHOREK, M. - CARLIN, J.F. - FELTIN, E. - PY, M.A. - GRANDJEAN, N. In JOURNAL OF APPLIED PHYSICS. ISSN 0021-8979, MAR 15 2011, vol. 109, no. 6., WOS
[1.1] GONZALEZ-POSADA, F. - AZIZE, M. - GAO, X. - GUO, S.P. - MONROY, E. - PALACIOS, T. In JAPANESE JOURNAL OF APPLIED PHYSICS. AUG 2013, vol. 52, no. 8, 2, SI., WOS
[1.1] HAO Y. - XUE, J.S. - ZHANG, J.C. In CHINESE SCIENCE BULLETIN. APR 2014, vol. 59, no. 12, p. 1228-1234., WOS
[1.1] HASAN, M.T. - TOKUDA, H. - KUZUHARA, M. In APPLIED PHYSICS LETTERS. ISSN 0003-6951, SEP 26 2011, vol. 99, no. 13., WOS
[1.1] HIROKI, M. - ODA, Y. - WATANABE, N. - MAEDA, N. - YOKOYAMA, H. - KUMAKURA, K. - YAMAMOTO, H. In JOURNAL OF CRYSTAL GROWTH. NOV 1 2013, vol. 382, p. 36-40., WOS
[1.1] HIROKI, M. - WATANABE, N. - MAEDA, N. - YOKOYAMA, H. - KUMAKURA, K. - YAMAMOTO, H. In JAPANESE JOURNAL OF APPLIED PHYSICS. APR 2013, vol. 52, no. 4, 2, SI., WOS
[1.1] HOSSAIN, M.I. - ISLAM, K.N. - HOWLADER, C.Q. - MAHMOOD, Z.H. In 16TH INTERNATIONAL WORKSHOP ON PHYSICS OF

SEMICONDUCTOR DEVICES. 2012, vol. 8549., WOS
[1.1] HSIAO, C.L. - PALISAITIS, J. - JUNAID, M. - PERSSON, P.O.A. - JENSEN, J. - ZHAO, Q.X. - HULTMAN, L. - CHEN, L.C. - CHEN, K.H. - BIRCH, J. In THIN SOLID FILMS. DEC 1 2012, vol. 524, p. 113-120., WOS
[1.1] HUANG, W.C. - CHANG, E.Y. - WONG, Y.Y. - LIN, K.L. - HSIAO, Y.L. - DEE, C.F. - MAJLIS, B.Y. In SAINS MALAYSIANA. FEB 2013, vol. 42, no. 2, p. 247-250., WOS
[1.1] CHARASH, R. - KIM-CHAUVEAU, H. - LAMY, J.M. - AKTHER, M. - MAASKANT, P.P. - FRAYSSINET, E. - DE MIERRY, P. - DRAGER, A.D. - DUBOZ, J.Y. - HANGLEITER, A. - CORBETT, B. In APPLIED PHYSICS LETTERS. ISSN 0003-6951, MAY 16 2011, vol. 98, no. 20., WOS
[1.1] CHEN, H. - YANG, L. - HAO Y. In JOURNAL OF APPLIED PHYSICS. AUG 21 2014, vol. 116, no. 7., WOS
[1.1] CHEN, H.R. - YANG, L.A. - LONG, S. - HAO, Y. In JOURNAL OF APPLIED PHYSICS. MAY 21 2013, vol. 113, no. 19., WOS
[1.1] CHEN, Z.T. - FUJITA, K. - EGAWA, T. In APPLIED PHYSICS LETTERS. ISSN 0003-6951, OCT 31 2011, vol. 99, no. 18., WOS
[1.1] CHEN, Z.T. - FUJITA, K. - ICHIKAWA, J. - EGAWA, T. In JOURNAL OF APPLIED PHYSICS. MAR 1 2012, vol. 111, no. 5., WOS
[1.1] CHIBA, M. - NAKANO, T. - AKAZAWA, M. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 11, NO 3-4. 2014, vol. 11, no. 3-4, p. 902-905., WOS
[1.1] CHYI, J. -I. - LEE, G. Y. - TU, P. T. - YEH, N. T. In WIDE BANDGAP SEMICONDUCTOR MATERIALS AND DEVICES 15. 2014, vol. 61, no. 4, p. 3-8., WOS
[1.1] ICHIKAWA, J. - SAKAI, Y. - CHEN, Z.T. - FUJITA, K. - EGAWA, T. In JAPANESE JOURNAL OF APPLIED PHYSICS. JAN 2012, vol. 51, no. 1, 2., WOS
[1.1] ILGAZ, A. - GOKDEN, S. - TULEK, R. - TEKE, A. - OZCELIK, S. - OZBAY, E. In EUROPEAN PHYSICAL JOURNAL-APPLIED PHYSICS. ISSN 1286-0042, SEP 2011, vol. 55, no. 3., WOS
[1.1] ILGAZ, A. - GOKDEN, S.- TULEK, R. - TEKE, A.- OZCELIK, S. - OZBAY, E. In JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS. SEP-OCT 2014, vol. 16, no. 9-10, p. 1008-1014., WOS
[1.1] JEGANATHAN, K. - SHIMIZU, M. In AIP ADVANCES. SEP 2014, vol. 4, no. 9., WOS
[1.1] JONES, E.J. - AZIZE, M. - SMITH, M.J. - PALACIOS, T. - GRADECAK, S. In APPLIED PHYSICS LETTERS. SEP 10 2012, vol. 101, no. 11., WOS
[1.1] JOSHIN, K. - MAKIYAMA, K. - OZAKI, S. - OHKI, T. - OKAMOTO, N. - NIIDA, Y. - SATO, M. - MASUDA, S.- WATANABE, K. In IEICE TRANSACTIONS ON ELECTRONICS. OCT 2014, vol. E97C, no. 10, p. 923-929., WOS
[1.1] KACHI, T. In IEICE ELECTRONICS EXPRESS. 2013, vol. 10, no. 21., WOS
[1.1] KACHI, T. In JAPANESE JOURNAL OF APPLIED PHYSICS. OCT 2014, vol. 53, no. 10., WOS
[1.1] KAMATH, A. - PATIL, T. - ADARI, R. - BHATTACHARYA, I. - GANGULY, S. - ALDHAHERI, R.W. - HUSSAIN, M.A. - SAHA, D. In IEEE ELECTRON DEVICE LETTERS. DEC 2012, vol. 33, no. 12, p. 1690-1692.,

WOS
[1.1] KAUN, S. W. - AHMADI, E. - MAZUMDER, B.- WU, F. - KYLE, E. C. H. - BURKE, P. G. - MISHRA, U. K. - SPECK, J.S. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. APR 2014, vol. 29, no. 4., WOS
[1.1] KAYIS, C. - FERREYRA, R.A. - WU, M. - LI, X. - OZGUR, U. - MATULIONIS, A. - MORKOC, H. In APPLIED PHYSICS LETTERS. ISSN 0003-6951, AUG 8 2011, vol. 99, no. 6., WOS
[1.1] KAYIS, C. - FERREYRA, R.A. - ZHU, C.Y. - AVRUTIN, V. - OZGUR, U. - MORKOC, H. In PHYSICA STATUS SOLIDI-RAPID RESEARCH LETTERS. APR 2012, vol. 6, no. 4, p. 163-165., WOS
[1.1] KAYIS, C. - ZHU, C.Y. - WU, M. - LI, X. - OZGUR, U. - MORKOC, H. In GALLIUM NITRIDE MATERIALS AND DEVICES VI. ISSN 0277-786X, 2011, vol. 7939., WOS
[1.1] KELEKCI, O. - TASLI, P. - CETIN, S.S. - KASAP, M. - OZCELIK, S. - OZBAY, E. In CURRENT APPLIED PHYSICS. NOV 2012, vol. 12, no. 6, p. 1600-1605., WOS
[1.1] KIM, H.Y. - KIM, J. - LIU, L. - LO, C.F. - REN, F. - PEARTON, S.J. In JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B. SEP 2013, vol. 31, no. 5., WOS
[1.1] KIM, H.Y. - LO, C.F. - LIU, L. - REN, F. - KIM, J. - PEARTON, S.J. In APPLIED PHYSICS LETTERS. JAN 2 2012, vol. 100, no. 1., WOS
[1.1] KIM, S. - RYOU, J.H. - DUPUIS, R.D. - KIM, H. In APPLIED PHYSICS LETTERS. FEB 4 2013, vol. 102, no. 5., WOS
[1.1] KRIOUCHE, N. - WATANABE, A. - ODA, O. - EGAWA, T. In JOURNAL OF CRYSTAL GROWTH. MAR 15 2014, vol. 390, p. 51-55., WOS
[1.1] KUZUHARA, M. In NINTH INTERNATIONAL CONFERENCE ON ADVANCED SEMICONDUCTOR DEVICES AND MICROSYSTEMS. 2012, p. 1-6., WOS
[1.1] KYAW, L.M. - LIU, Y. - BERA, M.K. - NGOO, Y.J. - TRIPATHY, S. - CHOR, E.F. In WIDE-BANDGAP SEMICONDUCTOR MATERIALS AND DEVICES 14. 2013, vol. 53, no. 2, p. 75-83., WOS
[1.1] LACHAB, M. - SULTANA, M. - FAREED, Q. - HUSNA, F. - ADIVARAHAN, V. - KHAN, A. In JOURNAL OF PHYSICS D-APPLIED PHYSICS. APR 2 2014, vol. 47, no. 13., WOS
[1.1] LEACH, J.H. - WU, M. - MORKOC, H. - RAMONAS, M. - MATULIONIS, A. In GALLIUM NITRIDE MATERIALS AND DEVICES VI. ISSN 0277-786X, 2011, vol. 7939., WOS
[1.1] LEE, D. S. - LIU, Z. - PALACIOS, T. In JAPANESE JOURNAL OF APPLIED PHYSICS. OCT 2014, vol. 53, no. 10., WOS
[1.1] LEE, D.S. - GAO, X. - GUO, S.P. - KOPP, D. - FAY, P. - PALACIOS, T. In IEEE ELECTRON DEVICE LETTERS. ISSN 0741-3106, NOV 2011, vol. 32, no. 11, p. 1525-1527., WOS
[1.1] LEE, D.S. - GAO, X. - GUO, S.P. - PALACIOS, T. In IEEE ELECTRON DEVICE LETTERS. ISSN 0741-3106, MAY 2011, vol. 32, no. 5, p. 617-619., WOS
[1.1] LEE, D.S. - CHUNG, J.W.W. - WANG, H. - GAO, X. - GUO, S.P. - FAY, P. - PALACIOS, T. In IEEE ELECTRON DEVICE LETTERS. ISSN 0741-3106, JUN 2011, vol. 32, no. 6, p. 755-757., WOS
[1.1] LEE, D.S. - LABOUTIN, O. - CAO, Y. - JOHNSON, W. - BEAM, E. - KETTERSON, A. - SCHUETTE, M. - SAUNIER, P. - KOPP, D. - FAY, P. -

PALACIOS, T. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 10, NO 5. 2013, vol. 10, no. 5, p. 827-830., WOS
[1.1] LEE, H.S. - PIEDRA, D. - SUN, M. - GAO, X. - GUO, S.P. - PALACIOS, T. In IEEE ELECTRON DEVICE LETTERS. JUL 2012, vol. 33, no. 7, p. 982-984., WOS
[1.1] LEE, J. - YAN, M.J. - OFUONYE, B. - JANG, J. - GAO, X. - GUO, S.P. - ADESIDA, I. In PHYSICA STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE. ISSN 1862-6300, JUL 2011, vol. 208, no. 7, p. 1538-1540., WOS
[1.1] LESNIK, A. - BLAESING, J. - HENNIG, J. - DADGAR, A. - KROST, A. In JOURNAL OF PHYSICS D-APPLIED PHYSICS. SEP 3 2014, vol. 47, no. 35., WOS
[1.1] LIU, G.Y. - ZHANG, J. - LI, X.H. - HUANG, G.S. - PASKOVA, T. - EVANS, K.R. - ZHAO, H.P. - TANSU, N. In JOURNAL OF CRYSTAL GROWTH. FEB 1 2012, vol. 340, no. 1, p. 66-73., WOS
[1.1] LIU, L. - LO, C.F. - XI, Y.Y. - WANG, Y.X. - KIM, H.Y. - KIM, J. - PEARTON, S.J. - LABOUTIN, O. - CAO, Y. - JOHNSON, J.W. - KRAVCHENKO, I.I. - REN, F. In GALLIUM NITRIDE MATERIALS AND DEVICES VIII. 2013, vol. 8625., WOS
[1.1] LIU, Y.- SINGH, S.P.- NGOO, Y. J. - KYAW, L. M. - BERA, M. K.- LO, Q. Q. - CHOR, E. F. In JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B. MAY 2014, vol. 32, no. 3., WOS
[1.1] LI, G. - SONG, B. - GANGULY, S. - ZHU, M. - WANG, R. - YAN, X.- VERMA, J. - PROTASENKO, V. - XING, H. G. - JENA, D. In APPLIED PHYSICS LETTERS. MAY 12 2014, vol. 104, no. 19., WOS
[1.1] LO, C.F. - LIU, L. - REN, F. - KIM, H.Y. - KIM, J. - PEARTON, S.J. - LABOUTIN, O. - CAO, Y. - JOHNSON, J.W. - KRAVCHENKO, I.I. In JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B. ISSN 1071-1023, NOV 2011, vol. 29, no. 6., WOS
[1.1] LO, C.F. - LIU, L. - REN, F. - PEARTON, S.J. - GILA, B.P. - KIM, H.Y. - KIM, J. - LABOUTIN, O. - CAO, Y. - JOHNSON, J.W. - KRAVCHENKO, I.I. In JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B. JUL 2012, vol. 30, no. 4., WOS
[1.1] LUAN, C.B. - LIN, Z.J. - FENG, Z.H. - MENG, L.G. - LV, Y.J. - CAO, Z.F. - YU, Y.X. - WANG, Z.G. In JOURNAL OF APPLIED PHYSICS. SEP 1 2012, vol. 112, no. 5., WOS
[1.1] LUGANI, L. - CARLIN, J.F. - PY, M.A. - MARTIN, D. - ROSSI, F. - SALVIATI, G. - HERFURTH, P. - KOHN, E. - BLASING, J. - KROST, A. - GRANDJEAN, N. In JOURNAL OF APPLIED PHYSICS. JUN 7 2013, vol. 113, no. 21., WOS
[1.1] LUGANI, L. - CARLIN, J-F - PY, M. A. - GRANDJEAN, N. In APPLIED PHYSICS LETTERS. SEP 15 2014, vol. 105, no. 11., WOS
[1.1] LUGANI, L. - PY, M. A. - CARLIN, J. -F. - GRANDJEAN, N. In JOURNAL OF APPLIED PHYSICS. FEB 21 2014, vol. 115, no. 7., WOS
[1.1] LU, J. - DENNINGHOFF, D. - YELURI, R. - LAL, S. - GUPTA, G. - LAURENT, M. - KELLER, S. - DENBAARS, S.P. - MISHRA, U.K. In APPLIED PHYSICS LETTERS. JUN 10 2013, vol. 102, no. 23., WOS
[1.1] LU, J. - HU, Y.L. - BROWN, D.F. - WU, F. - KELLER, S. - SPECK, J.S. - DENBAARS, S.P. - MISHRA, U.K. In JAPANESE JOURNAL OF

APPLIED PHYSICS. NOV 2012, vol. 51, no. 11, 1., WOS
[1.1] LU, J. - ZHENG, X. - GUIDRY, M. - DENNINGHOFF, D. - AHMADI, E. - LAL, S. - KELLER, S. - DENBAARS, S. P. - MISHRA, U K. In APPLIED PHYSICS LETTERS. MAR 3 2014, vol. 104, no. 9., WOS
[1.1] MANUEL, J.M. - MORALES, F.M. - LOZANO, J.G. - GARCIA, R. - LIM, T. - KIRSTE, L. - AIDAM, R. - AMBACHER, O. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 8, NO 7-8. 2011, vol. 8, no. 7-8., WOS
[1.1] MAO, W. - HAO, Y. - YANG, C. - ZHANG, J.C. - MA, X.H. - WANG, C. - LIU, H.X. - YANG, L.A. - ZHANG, J.F. - ZHENG, X.F. - ZHANG, K. - CHEN, Y.H. - YANG, L.Y. In CHINESE PHYSICS LETTERS. MAY 2013, vol. 30, no. 5., WOS
[1.1] MAO, W. - YANG, C. - HAO, Y. - ZHANG, J.C. - LIU, H.X. - BI, Z.W. - XU, S.R. - XUE, J.S. - MA, X.H. - WANG, C. - YANG, L.A. - ZHANG, J.F. - KUANG, X.W. In CHINESE PHYSICS B. ISSN 1674-1056, JAN 2011, vol. 20, no. 1., WOS
[1.1] MATULIONIS, A. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. JUL 2013, vol. 28, no. 7, SI., WOS
[1.1] MATULIONIS, A. - LIBERIS, J. - SERMUKSNIS, E. - ARDARAVICIUS, L. - SIMUKOVIC, A. - KAYIS, C. - ZHU, C.Y. - FERREYRA, R. - AVRUTIN, V. - OZGUR, U. - MORKOC, H. In MICROELECTRONICS RELIABILITY. SEP-OCT 2012, vol. 52, no. 9-10, SI, p. 2149-2152., WOS
[1.1] MATULIONIS, A. - MORKOC, H. In GALLIUM NITRIDE MATERIALS AND DEVICES IX. 2014, vol. 8986., WOS
[1.1] MATULIONIS, A. - MORKOC, H. In LITHUANIAN JOURNAL OF PHYSICS. 2014, vol. 54, no. 1, p. 1-6., WOS
[1.1] MEDJDOUB, F. - TAGRO, Y. - GRIMBERT, B. - DUCATTEAU, D. - ROLLAND, N. In INTERNATIONAL JOURNAL OF MICROWAVE AND WIRELESS TECHNOLOGIES. JUN 2013, vol. 5, no. 3, SI, p. 335-340., WOS
[1.1] MEDJDOUB, F. - ZEGAOUI, M. - GRIMBERT, B. - ROLLAND, N. - ROLLAND, P.A. In APPLIED PHYSICS EXPRESS. ISSN 1882-0778, DEC 2011, vol. 4, no. 12., WOS
[1.1] MEDJDOUB, F. - ZEGAOUI, M. - ROLLAND, N. In ELECTRONICS LETTERS. ISSN 0013-5194, NOV 24 2011, vol. 47, no. 24, p. 1345-U64., WOS
[1.1] MEDJDOUB, F. - ZEGAOUI, M. - GRIMBERT, B. - DUCATTEAU, D. - ROLLAND, N. - ROLLAND, P.A. In 2012 7TH EUROPEAN MICROWAVE INTEGRATED CIRCUITS CONFERENCE (EUMIC). 2012, p. 321-324., WOS
[1.1] MORGAN, D. - SULTANA, M. - FATIMA, H. - SUGIYAMA, S. - FAREED, Q. - ADIVARAHAN, V. - LACHAB, M. - KHAN, A. In APPLIED PHYSICS EXPRESS. ISSN 1882-0778, NOV 2011, vol. 4, no. 11., WOS
[1.1] MOSER, P. - BLASING, J. - DADGAR, A. - HEMPEL, T. - CHRISTEN, J. - KROST, A. In JAPANESE JOURNAL OF APPLIED PHYSICS. ISSN 0021-4922, MAR 2011, vol. 50, no. 3., WOS
[1.1] NAKAMURA, A. - FUJII, K. - SUGIYAMA, M. - NAKANO, Y. In PHYSICAL CHEMISTRY CHEMICAL PHYSICS. 2014, vol. 16, no. 29, p. 15326-15330., WOS
[1.1] NAKANO, T. - AKAZAWA, M. In IEICE TRANSACTIONS ON ELECTRONICS. MAY 2013, vol. E96C, no. 5, p. 686-689., WOS

[1.1] NAKANO, T. - CHIBA, M. - AKAZAWA, M. In JAPANESE JOURNAL OF APPLIED PHYSICS. APR 2014, vol. 53, no. 4, SI., WOS
[1.1] NSELE, S.D. - ESCOTTE, L. - TARTARIN, J.G. - PIOTROWICZ, S. - DELAGE, S.L. In IEEE TRANSACTIONS ON ELECTRON DEVICES. APR 2013, vol. 60, no. 4, p. 1372-1378., WOS
[1.1] NSELE, S.D. - ESCOTTE, L. - TARTARIN, J.G. - PIOTROWICZ, S. In 2013 22ND INTERNATIONAL CONFERENCE ON NOISE AND FLUCTUATIONS (ICNF). 2013., WOS
[1.1] OWEN, M. H. S. - BHUIYAN, M. A.- ZHANG, Z. - PAN, J. S. - TOK, E. S. - YEO, Y.-Ch. In APPLIED PHYSICS LETTERS. JUL 21 2014, vol. 105, no. 3., WOS
[1.1] PARDESHI, H. - RAJ, G. - PATI, S. - MOHANKUMAR, N. - SARKAR, C.K. In SUPERLATTICES AND MICROSTRUCTURES. AUG 2013, vol. 60, p. 47-59., WOS
[1.1] PARDESHI, H. - SARKAR, A. - MOHANKUMAR, N. - SARKAR, C.K. In PROCEEDINGS OF THE 2012 INTERNATIONAL CONFERENCE ON COMMUNICATIONS, DEVICES AND INTELLIGENT SYSTEMS (CODLS). 2012, p. 441-444., WOS
[1.1] PARDESHI, H.M. - RAJ, G. - PATI, S. - MOHANKUMAR, N. - SARKAR, C.K. In SUPERLATTICES AND MICROSTRUCTURES. AUG 2013, vol. 60, p. 10-22., WOS
[1.1] PEREZ-TOMAS, A. - FONTSERE, A. - PLACIDI, M. - BARON, N. - CHENOT, S. - MORENO, J.C. - CORDIER, Y. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. DEC 2012, vol. 27, no. 12., WOS
[1.1] PEREZ-TOMAS, A. - FONTSERE, A. - JENNINGS, M.R. - GAMMON, P.M. In MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING. OCT 2013, vol. 16, no. 5, SI, p. 1336-1345., WOS
[1.1] PERILLAT-MERCEROZ, G. - COSENDEY, G. - CARLIN, J.F. - BUTTE, R. - GRANDJEAN, N. In JOURNAL OF APPLIED PHYSICS. FEB 14 2013, vol. 113, no. 6., WOS
[1.1] ROSSETTO, I. - RAMPAZZO, F. - MENEGHINI, M. - SILVESTRI, M. - DUA, C. - GAMARRA, P. - AUBRY, R. - DI FORTE-POISSON, M. -A. - PATARD, O. - DELAGE, S. L. - MENEGHESSO, G. - ZANONI, E. In MICROELECTRONICS RELIABILITY. SEP-OCT 2014, vol. 54, no. 9-10, SI, p. 2248-2252., WOS
[1.1] SADLER, T. - MASSABUAU, F. - KAPPERS, M. - OLIVER, R. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 9, NO 3-4. 2012, vol. 9, no. 3-4, p. 461-464., WOS
[1.1] SAITO, H. - TAKADA, Y. - KURAGUCHI, M. - YUMOTO, M. - TSUDA, K. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 10, NO 5. 2013, vol. 10, no. 5, p. 824-826., WOS
[1.1] SAKAI, Y. - KHAI, P.C. - ICHIKAWA, J. - EGAWA, T. - JIMBO, T. In JOURNAL OF APPLIED PHYSICS. ISSN 0021-8979, FEB 1 2011, vol. 109, no. 3., WOS
[1.1] SAKAI, Y. - MORIMOTO, T. - EGAWA, T. - JIMBO, T. In JAPANESE JOURNAL OF APPLIED PHYSICS. ISSN 0021-4922, JAN 2011, vol. 50, no. 1, Part 2, SI., WOS
[1.1] SAKALAS, P. - SIMUKOVIC, A. - PIOTROWICZ, S. - JARDEL, O. - DELAGE, S. L. - MUKHERJEE, A. - MATULIONIS, A. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. SEP 2014, vol. 29, no.

9., WOS
[1.1] SARIKAVAK-LISESIVDIN, B. - LISESIVDIN, S.B. - OZBAY, E. In CURRENT APPLIED PHYSICS. JAN 2013, vol. 13, no. 1, p. 224-227., WOS
[1.1] SASIKUMAR, A. - AREHART, A.R. - MARTIN-HORCAJO, S. - ROMERO, M.F. - PEI, Y. - BROWN, D. - RECHT, F. - DI FORTE-POISSON, M.A. - CALLE, F. - TADJER, M.J. - KELLER, S. - DENBAARS, S.P. - MISHRA, U.K. - RINGEL, S.A. In APPLIED PHYSICS LETTERS. JUL 15 2013, vol. 103, no. 3., WOS
[1.1] SAUNIER, P. - SCHUETTE, M.L. - CHOU, T.M. - TSERNG, H.Q. - KETTERSON, A. - BEAM, E. - PILLA, M. - GAO, X. In IEEE TRANSACTIONS ON ELECTRON DEVICES. OCT 2013, vol. 60, no. 10, SI, p. 3099-3104., WOS
[1.1] SCHUETTE, M.L. - KETTERSON, A. - SONG, B. - BEAM, E. - CHOU, T.M. - PILLA, M. - TSERNG, H.Q. - GAO, X. - GUO, S.P. - FAY, P.J. - XING, H.G. - SAUNIER, P. In IEEE ELECTRON DEVICE LETTERS. JUN 2013, vol. 34, no. 6, p. 741-743., WOS
[1.1] SCHULZ, O. - DADGAR, A. - HENNIG, J. - KRUMM, O. - FRITZE, S. - BLAESING, J. - WITTE, H. - DIEZ, A. - KROST, A. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 11, NO 3-4. 2014, vol. 11, no. 3-4, p. 397-400., WOS
[1.1] SIMUKOVIC, A. - MATULIONIS, A. - LIBERIS, J. - SERMUKSNIS, E. - SAKALAS, P. - ZHANG, F. - LEACH, J.H. - AVRUTIN, V. - MORKOC, H. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. MAY 2013, vol. 28, no. 5., WOS
[1.1] SULTANA, M. - MUHTADI, S. - LACHAB, M. - ADIVARAHAN, V. - KHAN, A. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. NOV 2014, vol. 29, no. 11., WOS
[1.1] SUN, H.F. - ALT, A.R. - BENEDICKTER, H. - FELTIN, E. - CARLIN, J.F. - GONSCHOREK, M. - GRANDJEAN, N. - BOLOGNESI, C.R. In PHYSICA STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE. ISSN 1862-6300, FEB 2011, vol. 208, no. 2, p. 429-433., WOS
[1.1] TANG, C. - SHI, J. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. DEC 2014, vol. 29, no. 12., WOS
[1.1] TANIYASU, Y. - CARLIN, J.F. - CASTIGLIA, A. - BUTTE, R. - GRANDJEAN, N. In APPLIED PHYSICS LETTERS. AUG 20 2012, vol. 101, no. 8., WOS
[1.1] TIRELLI, S. - LUGANI, L. - MARTI, D. - CARLIN, J.F. - GRANDJEAN, N. - BOLOGNESI, C.R. In IEEE TRANSACTIONS ON ELECTRON DEVICES. OCT 2013, vol. 60, no. 10, SI, p. 3091-3098., WOS
[1.1] TIRELLI, S. - MARTI, D. - SUN, H.F. - ALT, A.R. - CARLIN, J.F. - GRANDJEAN, N. - BOLOGNESI, C.R. In IEEE ELECTRON DEVICE LETTERS. ISSN 0741-3106, OCT 2011, vol. 32, no. 10, p. 1364-1366., WOS
[1.1] TIRELLI, S. - MARTI, D. - LUGANI, L. - CARLIN, J.F. - GRANDJEAN, N. - BOLOGNESI, C.R. In JAPANESE JOURNAL OF APPLIED PHYSICS. AUG 2013, vol. 52, no. 8, 2, SI., WOS
[1.1] TRIPATHY, S. - KYAW, L. M. - DOLMANAN, S. B. - NGOO, Y. J. - LIU, Y. - BERA, M. K. - SINGH, S. P. - TAN, H. R. - BHAT, T. N. - CHOR, E. F. In ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY. 2014, vol. 3, no. 5, p. Q84-Q88., WOS
[1.1] TULEK, R. - ARSLAN, E. - BAYRAKLI, A. - TURHAN, S. -

GOKDEN, S. - DUYGULU, O. - KAYA, A. A. - FIRAT, T. - TEKE, A. - OZBAY, E. In THIN SOLID FILMS. JAN 31 2014, vol. 551, p. 146-152., WOS

[1.1] WANG C. - ZHANG K. - HE Y.-L. - ZHENG X.-F. - MA X.-H. - ZHANG J.-C. - HAO Y. In CHINESE PHYSICS LETTERS. DEC 2014, vol. 31, no. 12., WOS

[1.1] WATANABE, A. - FREEDSMAN, J. J. - ODA, R. - ITO, T. - EGAWA, T. In APPLIED PHYSICS EXPRESS. APR 2014, vol. 7, no. 4., WOS

[1.1] WONG, M.H. - WU, F. - HURNI, C.A. - CHOI, S. - SPECK, J.S. - MISHRA, U.K. In APPLIED PHYSICS LETTERS. FEB 13 2012, vol. 100, no. 7., WOS

[1.1] XUE, J.S. - HAO, Y. - ZHANG, J.C. - ZHOU, X.W. - LIU, Z.Y. - MA, J.C. - LIN, Z.Y. In APPLIED PHYSICS LETTERS. ISSN 0003-6951, MAR 14 2011, vol. 98, no. 11., WOS

[1.1] XUE, J.S. - HAO, Y. - ZHOU, X.W. - ZHANG, J.C. - YANG, C.K. - OU, X.X. - SHI, L.Y. - WANG, H. - YANG, L.A. - ZHANG, J.F. In JOURNAL OF CRYSTAL GROWTH. ISSN 0022-0248, JAN 1 2011, vol. 314, no. 1, p. 359-364., WOS

[1.1] XUE, J.S. - ZHANG, J.C. - ZHANG, K. - ZHAO, Y. - ZHANG, L.X. - MA, X.H. - LI, X.G. - MENG, F.N. - HAO, Y. In JOURNAL OF APPLIED PHYSICS. JUN 1 2012, vol. 111, no. 11., WOS

[1.1] XUE, J.S. - ZHANG, J.C. - ZHANG, W. - LI, L. - MENG, F.N. - LU, M. - NING, J. - HAO, Y. In JOURNAL OF CRYSTAL GROWTH. MAR 15 2012, vol. 343, no. 1, p. 110-114., WOS

[1.1] XUE, J.S. - ZHANG, J.C. - HOU, Y.W. - ZHOU, H. - ZHANG, J.F. - HAO, Y. In APPLIED PHYSICS LETTERS. JAN 2 2012, vol. 100, no. 1., WOS

[1.1] XUE, J.S. - ZHANG, J.C. - HAO, Y. In JAPANESE JOURNAL OF APPLIED PHYSICS. AUG 2013, vol. 52, no. 8, 2, SI., WOS

[1.1] YU Y.-X. - LIN Z.-J. - LUAN C.-B. - LU Y.-J.- FENG Z.-H. - YANG, M. - WANG Y.-T. In CHINESE PHYSICS B. APR 2014, vol. 23, no. 4., WOS

[1.1] YUE, Y.Z. - HU, Z.Y. - GUO, J. - SENSALE-RODRIGUEZ, B. - LI, G.W. - WANG, R.H. - FARIA, F. - FANG, T. - SONG, B. - GAO, X. - GUO, S.P. - KOSEL, T. - SNIDER, G. - FAY, P. - JENA, D. - XING, H.L. In IEEE ELECTRON DEVICE LETTERS. JUL 2012, vol. 33, no. 7, p. 988-990., WOS

[1.1] YU, H.B. - OZTURK, M. - DEMIREL, P. - CAKMAK, H. - BOLUKBAS, B. - CALISKAN, D. - OZBAY, E. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. ISSN 0268-1242, AUG 2011, vol. 26, no. 8., WOS

[1.1] ZHANG, J.F. - WANG, P.Y. - XUE, J.S. - ZHOU, Y.B. - ZHANG, J.C. - HAO, Y. In ACTA PHYSICA SINICA. ISSN 1000-3290, NOV 2011, vol. 60, no. 11., WOS

[1.1] ZHANG, L.L. - DONG, K.X. - CHEN, D.J. - LIU, Y.L. - XUE, J.J. - LU, H. - ZHANG, R. - ZHENG, Y.D. In APPLIED PHYSICS LETTERS. JUN 17 2013, vol. 102, no. 24., WOS

[1.1] ZHANG, P. - ZHAO S.-L. - XUE J.-S. - ZHANG K. - MA H. - ZHANG J.-C. - HAO Y. In CHINESE PHYSICS LETTERS. MAR 2014, vol. 31, no. 3., WOS

[1.1] ZHAO, S.L. - XUE, J.S. - ZHANG, P. - HOU, B. - LUO, J. - FAN, X.J. - ZHANG, J.C. - MA, X.H. - HAO Y. In APPLIED PHYSICS EXPRESS. JUL 2014, vol. 7, no. 7., WOS

[1.1] ZHAO, Y. - ZHANG, J.C.- XUE, J.S. - XU, S.R. - ZHOU, X.W. -

HAO Y. In JAPANESE JOURNAL OF APPLIED PHYSICS. NOV 2014, vol. 53, no. 11., WOS

[1.1] ZHOU, Q. - HUANG, S. - CHEN, H.W. - ZHOU, C.H. - FENG, Z.H. - CAI, S.J. - CHEN, K.J. In 2011 IEEE INTERNATIONAL ELECTRON DEVICES MEETING (IEDM). 2011., WOS

[1.1] ZHOU, Q. - CHEN, H.W. - ZHOU, C.H. - FENG, Z.H. - CAI, S.J. - CHEN, K.J. In JAPANESE JOURNAL OF APPLIED PHYSICS. APR 2012, vol. 51, no. 4, Part 2, SI., WOS

[1.1] ZHOU, Q. - CHEN, H.W. - ZHOU, C.H. - FENG, Z.H. - CAI, S.J. - CHEN, K.J. In IEEE ELECTRON DEVICE LETTERS. JAN 2012, vol. 33, no. 1, p. 38-40., WOS

[1.1] ZHOU, Q. - CHEN, W.J. - LIU, S.H. - ZHANG, B. - FENG, Z.H. - CAI, S.J. - CHEN, K.J. In IEEE TRANSACTIONS ON ELECTRON DEVICES. MAR 2013, vol. 60, no. 3, p. 1075-1081., WOS

[1.1] ZHOU, Q. - CHEN, W.J. - LIU, S.H. - ZHANG, B. - FENG, Z.H. - CAI, S.J. - CHEN, K.J. In 2013 25TH INTERNATIONAL SYMPOSIUM ON POWER SEMICONDUCTOR DEVICES AND ICS (ISPSD). 2013, p. 195-198., WOS

[1.1] ZHOU, Q. - CHEN, W.J. - LIU, S.H. - ZHANG, B. - FENG, Z.H. - CAI, S.J. - CHEN, K.J. In GALLIUM NITRIDE AND SILICON CARBIDE POWER TECHNOLOGIES 3. 2013, vol. 58, no. 4, p. 351-363., WOS

[1.1] ZHOU, Q. - YANG, S. - CHEN, W. - ZHANG, B. - FENG, Z. - CAI, S. - CHEN, K. J. In SOLID-STATE ELECTRONICS. JAN 2014, vol. 91, p. 19-23., WOS

[1.1] ZHOU, Y. - LIN, Z. - LUAN, C. - ZHAO, J. - YANG, Q. - YANG, M. - WANG, Y. - FENG, Z. - LV, Y. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. SEP 2014, vol. 29, no. 9., WOS

[1.2] Akazawa, M., Nakano, T.: e-Journal of Surface Science and Nanotechnology 12 (2014) pp. 83-88, SCOPUS

[1.2] Bi, Y. , Wang, X.L., Wang, C.M., Li, J.P., Liu, H.X., Chen, H., Xiao, H.L., Feng, C., Jiang, L.J.: EPJ Applied Physics Vol. 57, (2012), 30103, SCOPUS

[1.2] Bo, L. , Jiayun, Y., Yuanjie, L., Shaobo, D., Xiongwen, Z., Zhihong, F., Shujun, C. Journal of Semiconductors Volume 35, (2014), Article number 113005, SCOPUS

[1.2] Dong, X. , Ni, J.-Y., Li, L., Peng, D.-Q., Zhang, D.-G., Li, Z.-H.: Gongneng Cailiao/Journal of Functional Materials Volume 45, Issue SUPPL.1, 30 June 2014, Pages 104-106, SCOPUS

[1.2] Dufraisse, J., Callet, G., Jardel, O., Chartier, E., Sarazin, N.a, Piotrowicz, S., Di Forte Poisson, M.-A., Bouysse, P., Quéré, R., Delage, S.L. In EuMW 2011, Conference Proceedings - 6th European Microwave Integrated Circuit Conference, EuMIC 2011 , art. no. 6102848 , pp. 140-143, SCOPUS

[1.2] George, A., Nirmal, D., Prajoon, P., Mathew, A.: 2014 International Conference on Electronics and Communication Systems, ICECS 2014 2014, Article number 6892781, SCOPUS

[1.2] Jardel, O.a , Callet, G.a b , Dufraisse, J.a b , Piazza, M.a b , Sarazin, N.a , Chartier, E.a , Oualli, M.a , Aubry, R.a , Reveyrand, T.b , Jacquet, J.-C.a , Di Forte Poisson, M.-A.a , Morvan, E.a , Piotrowicz, S.a , Delage, S.L.aInternational Journal of Microwave and Wireless Technologies Volume 3, Issue 3, June 2011, Pages 301-309, SCOPUS

[1.2] Johnson, W., Piner, E.L. Springer Series in Materials Science156 (2012) , pp. 209, SCOPUS
[1.2] Lecourt, F., Defrance, N., Hoel, V., De Jaeger, J.-C., Ketteniss, N., Behmenburg, H., Eickelkamp, M., Vescan, A., Giesen, C., Heuken, M. In EuMW 2011, Conference Proceedings - 6th European Microwave Integrated Circuit Conference, EuMIC 2011 , art. no. 6102861 , pp. 136-139, SCOPUS
[1.2] Lenka, T.R., Dash, G.N., Panda, A.K.: 2014 IEEE 9th Nanotechnology Materials and Devices Conference, NMDC 2014 6997438, pp. 124-127, SCOPUS
[1.2] Liu, B. , Feng, Z. , Dun, S., Zhang, X., Gu, G., Wang, Y., Xu, P., He, Z., Cai, S.: Journal of Semiconductors 34 (2013) 044006, SCOPUS
[1.2] Liu, B.a , Feng, Z.a , Zhang, S.b , Dun, S.a , Yin, J.a , Li, J.a , Wang, J.a , Zhang, X.a , Fang, Y.a , Cai, S.a Journal of Semiconductors Volume 32, Issue 12, December 2011, Article number 124003, SCOPUS
[1.2] Pardeshi, H., Pati, S.K., Raj, G.,Mohankumar, N., Sarkar, C.K. Journal of Semiconductors 33 (2012), art. no. 124001, SCOPUS
[1.2] Piotrowicz, S.; Chartier, E.; Jardel, O.; Dufraisse, J.; Callet, G.; Jacquet, J.-C.; Lancereau, D.; Morvan, E.; Aubry, R.; Sarazin, N.; Dua, C.; Oualli, M.; Poisson, M.A.D.-F.; Delage, S.L.; 2011 IEEE Compound Semiconductor Integrated Circuit Symposium (CSICS) (October 2011), pg. 1-4 ISBN: 978-1-61284-711-5, SCOPUS
[1.2] Rafei, A.E., Callet, G.a, Mouginot, G., Faraj, J., Laurent, S., Prigent, M., Quere, R., Jardel, O. Delage, S. In EuMW 2011, Conference Proceedings - 6th European Microwave Integrated Circuit Conference, EuMIC 2011 , art. no. 6102856 , pp. 5-8, SCOPUS
[1.2] Xie, S. , Feng, Z., Liu, B., Dun, S., Mao, L., Zhang, S.: Transactions of the Tianjin University 19 (2013) 43, SCOPUS
[1.2] Xie, S., Feng, Z.-H., Liu, B., Mao, L.-H., Zhang, S.-L. In Gongneng Cailiao/Journal of Functional Materials 42 (2011) (SUPPL. 5) , pp. 784-787, SCOPUS
[1.2] Xue, F., Kong, Y., Dong, X., Zhou, J., Li, Z., Chen, C. 2011 Guti Dianzixue Yanjiu Yu Jinzhan/Research and Progress of Solid State Electronics 31 (2011) , pp. 421-428+472, SCOPUS
[1.2] Zhou, Q., Huang, S., Chen, H., Zhou, C., Feng, Z., Cai, S., Chen, K.J. In Technical Digest - International Electron Devices Meeting, IEDM (2011), art. no. 6131664 , pp. 33.4.1-33.4.4, SCOPUS
[2.2] Vescan, A., Hahn, H., Reuters, B., Kalisch, H. 2014 Conference Proceedings - 10th International Conference on Advanced Semiconductor Devices and Microsystems, ASDAM 2014 6998656, pp. 101-104, SCOPUS

ADCA412 KUZMÍK, Ján - GEORGAKILAS, A. Proposal of InN channel high electron-mobility transistors. In *IEEE Transactions on Electron Devices*, 2011, vol. 58, p. 720. (2.255 - IF2010). (2011 - Current Contents). ISSN 0018-9383.
Ohlasy:
[1.1] HADI, W.A. - GURAM, P.K. - SHUR, M.S. - O'LEARY, S.K. In JOURNAL OF APPLIED PHYSICS. MAR 21 2013, vol. 113, no. 11., WOS
[1.1] HADI, W.A. - SIDDIQUA, P. - O'LEARY, S.K. In JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS. DEC 2014, vol. 25, no. 12, p. 5524-5534., WOS
[1.1] HAO, Y. - XUE, J.S. - ZHANG, J.C. In CHINESE SCIENCE

BULLETIN. APR 2014, vol. 59, no. 12, p. 1228-1234., WOS
[1.1] IKEDA, K. - ISOBE, Y. - IKKI, H. - SAKAKIBARA, T. - IWAYA, M. - TAKEUCHI, T. - KAMIYAMA, S. - AKASAKI, I. - AMANO, H. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 9, NO 3-4. 2012, vol. 9, no. 3-4, p. 942-944., WOS
[1.1] JUNG, H.S. - RYU, J.T. - KIM, D.H. - KIM, T.W. In JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY. NOV 2014, vol. 14, no. 11, p. 8215-8218., WOS
[1.1] LEE, C.T. - CHIOU, Y.L. - LEE, H.Y. - CHANG, K.J. - LIN, J.C. - CHUANG, H.W. In APPLIED SURFACE SCIENCE. SEP 1 2012, vol. 258, no. 22, p. 8590-8594., WOS
[1.1] LENKA, T.R. - DASH, G.N. - PANDA, A.K. In INTERNATIONAL CONFERENCE ON SOLID STATE DEVICES AND MATERIALS SCIENCE. 2012, vol. 25, p. 36-43., WOS
[1.1] OSEKI, M. - OKUBO, K. - KOBAYASHI, A. - OHTA, J. - FUJIOKA, H. In SCIENTIFIC REPORTS. FEB 4 2014, vol. 4., WOS
[1.1] PANDEY, D. - BHATTACHARJEE, A. - LENKA, T.R. In PHYSICS OF SEMICONDUCTOR DEVICES. 2014, p. 67-70., WOS
[1.1] SIMEK, P. - SEDMIDUBSKY, D. - KLIMOVA, K. - HUBER, S. - BRAZDA, P. - MIKULICS, M. - JANKOVSKY, O. - SOFER, Z. In JOURNAL OF NANOPARTICLE RESEARCH. DEC 2014, vol. 16, no. 12., WOS
[1.2] Ghosh, K., Singisetti, U. Device Research Conference - Conference Digest, DRC 2013, Art. no. 6633803, SCOPUS

ADCA413 KUZMÍK, Ján - POZZOVIVO, G. - ABERMANN, S. - CARLIN, J.-F. - GONSCHOREK, M. - FELTIN, E. - GRANDJEAN, N. - BERTAGNOLLI, E. - STRASSER, G. - POGANY, D. Technology and performance of InAlN/AlN/GaN HEMTs with gate insulation and current collapse suppression using ZrO2 or HfO2. In *IEEE Transactions on Electron Devices*, 2008, vol. 55, p. 937-941. (2.160 - IF2007). (2008 - Current Contents). ISSN 0018-9383.

Ohlasy:
[1.1] BI, Z.W. - HAO, Y. - FENG, Q. - GAO, Z.Y. - ZHANG, J.C. - MAO, W. - ZHANG, K. - MA, X.H. - LIU, H.X. - YANG, L.A. - MEI, N. - CHANG, Y.M. In CHINESE PHYSICS LETTERS. FEB 2012, vol. 29, no. 2., WOS
[1.1] EICKELKAMP, M. - WEINGARTEN, M. - KHOSHROO, L.R. - KETTENISS, N. - BEHMENBURG, H. - HEUKEN, M. - DONOVAL, D. - CHVALA, A. - KORDOS, P. - KALISCH, H. - VESCAN, A. In JOURNAL OF APPLIED PHYSICS. OCT 15 2011, vol. 110, no. 8., WOS
[1.1] FENG, Q. - LI, Q. - XING, T. - WANG, Q. - ZHANG, J.C. - HAO, Y. In CHINESE PHYSICS B. JUN 2012, vol. 21, no. 6., WOS
[1.1] HATANO, M. - TANIGUCHI, Y. - KODAMA, S. - TOKUDA, H. - KUZUHARA, M. In APPLIED PHYSICS EXPRESS. APR 2014, vol. 7, no. 4., WOS
[1.1] CHEN, C.H. - CHIU, H.C. - CHIEN, F.T. - CHUANG, H.W. - CHANG, K.J. - GAU, Y.T. In MICROELECTRONICS RELIABILITY. NOV 2012, vol. 52, no. 11, p. 2551-2555., WOS
[1.1] CHOU, B.Y. - LEE, C.S. - YANG, C.L. - HSU, W.C. - LIU, H.Y. - CHIANG, M.H. - SUN, W.C. - WEI, S.Y. - YU, S.M. In IEEE ELECTRON DEVICE LETTERS. NOV 2014, vol. 35, no. 11, p. 1091-1093., WOS
[1.1] ILGAZ, A. - GOKDEN, S. - TULEK, R. - TEKE, A. - OZCELIK, S. -

OZBAY, E. In JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS. SEP-OCT 2014, vol. 16, no. 9-10, p. 1008-1014., WOS
[1.1] KAYIS, C. - LEACH, J.H. - ZHU, C.Y. - WU, M. - LI, X. - YANG, X. - MISRA, V. - HANDEL, P.H. - OZGUR, U. - MORKOC, H. In GALLIUM NITRIDE MATERIALS AND DEVICES VI. 2011, vol. 7939., WOS
[1.1] KAYIS, C. - LEACH, J.H. - ZHU, C.Y. - WU, M. - LI, X. - OZGUR, U. - MORKOC, H. - YANG, X. - MISRA, V. - HANDEL, P.H. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 8, NO 5. 2011, vol. 8, no. 5., WOS
[1.1] LACHAB, M. - SULTANA, M. - FAREED, Q. - HUSNA, F. - ADIVARAHAN, V. - KHAN, A. In JOURNAL OF PHYSICS D-APPLIED PHYSICS. APR 2 2014, vol. 47, no. 13., WOS
[1.1] MALMROS, A. - GAMARRA, P. - THORSELL, M. - DI FORTE-POISSON, M.A. - LACAM, C. - TORDJMAN, M. - AUBRY, R. - ZIRATH, H. - RORSMAN, N. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 11, NO 3-4. 2014, vol. 11, no. 3-4, p. 924-927., WOS
[1.1] MAO, W. - HAO, Y. - YANG, C. - ZHANG, J.C. - MA, X.H. - WANG, C. - LIU, H.X. - YANG, L.A. - ZHANG, J.F. - ZHENG, X.F. - ZHANG, K. - CHEN, Y.H. - YANG, L.Y. In CHINESE PHYSICS LETTERS. MAY 2013, vol. 30, no. 5., WOS
[1.1] MAO, W. - YANG, C. - HAO, Y. - ZHANG, J.C. - LIU, H.X. - BI, Z.W. - XU, S.R. - XUE, J.S. - MA, X.H. - WANG, C. - YANG, L.A. - ZHANG, J.F. - KUANG, X.W. In CHINESE PHYSICS B. JAN 2011, vol. 20, no. 1., WOS
[1.1] MORGAN, D. - SULTANA, M. - FATIMA, H. - SUGIYAMA, S. - FAREED, Q. - ADIVARAHAN, V. - LACHAB, M. - KHAN, A. In APPLIED PHYSICS EXPRESS. NOV 2011, vol. 4, no. 11., WOS
[1.1] OWEN, M.H.S. - BHUIYAN, M.A. - ZHANG, Z. - PAN, J.S. - TOK, E.S. - YEO, Y.C. In APPLIED PHYSICS LETTERS. JUL 21 2014, vol. 105, no. 3., WOS
[1.1] SON, J. - CHOBPATTANA, V. - MCSKIMMING, B.M. - STEMMER, S. In APPLIED PHYSICS LETTERS. SEP 3 2012, vol. 101, no. 10., WOS
[1.1] TIAN, B.L. - CHEN, C. - LI, Y.R. - ZHANG, W.L. - LIU, X.Z. In CHINESE PHYSICS B. DEC 2012, vol. 21, no. 12., WOS
[1.1] TIAN, B.L. - CHEN, C. - ZHANG, J.H. - ZHANG, W.L. - LIU, X.Z. In CHINESE PHYSICS LETTERS. FEB 2013, vol. 30, no. 2., WOS
[1.1] WU, T.Y. - HU, C.C. - SZE, P.W. - HUANG, T.J. - ADRIYANTO, F. - WU, C.L. - WANG, Y.H. In SOLID-STATE ELECTRONICS. APR 2013, vol. 82, p. 1-5., WOS
[1.1] YE, G. - WANG, H. - ARULKUMARAN, S. - NG, G.I. - HOFSTETTER, R. - LI, Y. - ANAND, M.J. - ANG, K.S. - MAUNG, Y.K.T. - FOO, S.C. In APPLIED PHYSICS LETTERS. SEP 30 2013, vol. 103, no. 14., WOS
[1.1] YE, G. - WANG, H. - NG, S.L.G. - JI, R. - ARULKUMARAN, S. - NG, G.I. - LI, Y. - LIU, Z.H. - ANG, K.S. In APPLIED PHYSICS LETTERS. OCT 13 2014, vol. 105, no. 15., WOS
[1.1] YE, G. - WANG, H. - ARULKUMARAN, S. - NG, G.I. - LI, Y. - LIU, Z.H. - ANG, K.S. In APPLIED PHYSICS LETTERS. JUL 14 2014, vol. 105, no. 2., WOS
[1.1] ZHANG, W. - ZHANG, Y. - MAO, W. - MA, X.H. - ZHANG, J.C. -

HAO, Y. In IEEE ELECTRON DEVICE LETTERS. JAN 2013, vol. 34, no. 1, p. 45-47., WOS

[1.2] Xie, S., Feng, Z.-H., Liu, B., Mao, L.-H., Zhang, S.-L. In Gongneng Cailiao/Journal of Functional Materials 42 (2011) (SUPPL. 5) , pp. 784-787, SCOPUS

ADCA414 KUZMÍK, Ján - BYCHIKHIN, S. - POGANY, D. - PICHONAT, E. - LANCRY, O. - GAQUIERE, C. - TSIAKATOURAS, G. - DELIGEORGIS, G. - GEORGAKILAS, A. Thermal characterization of MBE-grown GaN/AlGaN/GaN device on single crystalline diamond. In *Journal of Applied Physics*, 2011, vol. 109, 086106. (2.079 - IF2010). (2011 - Current Contents). ISSN 0021-8979.

Ohlasy:

[1.1] CAHILL, D. G. - BRAUN, P. V. - CHEN, G. - CLARKE, D. R. - FAN, S.- GOODSON, K. E. - KEBLINSKI, P.- KING, W. P. - MAHAN, G. D. - MAJUMDAR, A. - MARIS, H. J. - PHILLPOT, S. R. - POP, E. - SHI, L. In APPLIED PHYSICS REVIEWS. MAR 2014, vol. 1, no. 1., WOS

[1.1] HIRAMA, K. - KASU, M. - TANIYASU, Y. In IEEE ELECTRON DEVICE LETTERS. APR 2012, vol. 33, no. 4, p. 513-515., WOS

[1.1] CHO, J.W. - LI, Z.J. - BOZORG-GRAYELI, E. - KODAMA, T. - FRANCIS, D. - EJECKAM, F. - FAILI, F. - ASHEGHI, M. - GOODSON, K.E. In 2012 13TH IEEE INTERSOCIETY CONFERENCE ON THERMAL AND THERMOMECHANICAL PHENOMENA IN ELECTRONIC SYSTEMS (ITHERM). 2012, p. 435-439., WOS

[1.1] CHO, J.W. - LI, Z.J. - BOZORG-GRAYELI, E. - KODAMA, T. - FRANCIS, D. - EJECKAM, F. - FAILI, F. - ASHEGHI, M. - GOODSON, K.E. In IEEE TRANSACTIONS ON COMPONENTS PACKAGING AND MANUFACTURING TECHNOLOGY. JAN 2013, vol. 3, no. 1, p. 79-85., WOS

[1.2] Won, Y. Cho, J., Agonafer, D., Asheghi, M., Goodson, K.E.: Technical Digest - IEEE CSIC 2013, Art. no. 6659222 2013, SCOPUS

ADCA415 KUZMÍK, Ján - BYCHIKHIN, S. - LOSSY, R. - WÜRFL, H.-J. - DI FORTE POISSON, M.A. - TEYSSIER, J.-P. - GAQUIERE, C. - POGANY, D. Transient self-heating effects in multifinger AlGaN/GaN HEMTs with metal airbridges. In *Solid-State Electronics*, 2007, vol. 51, p. 969-974. (1.160 - IF2006). (2007 - Current Contents). ISSN 0038-1101.

Ohlasy:

[1.1] CRUPI, G. - AVOLIO, G. - RAFFO, A. - BARMUTA, P. - SCHREURS, D.M.M.P. - CADDEMI, A. - VANNINI, G. In SOLID-STATE ELECTRONICS. OCT 2011, vol. 64, no. 1, p. 28-33., WOS

[1.1] MANOI, A. - POMEROY, J.W. - LOSSY, R. - PAZIRANDEH, R. - WURFL, J. - UREN, M.J. - MARTIN, T. - KUBALL, M. In SOLID-STATE ELECTRONICS. MAR 2011, vol. 57, no. 1, p. 14-18., WOS

[1.1] WANG, A. - TADJER, M.J. - CALLE, F. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. MAY 2013, vol. 28, no. 5., WOS

ADCA416 KUZMÍK, Ján - BYCHIKHIN, S. - NEUBURGER, M. - DADGAR, A. - KROST, A. - KOHN, E. - POGANY, D. Transient thermal characterization of AlGaN/GaN HEMTs grown on silicon. In *IEEE Transactions on Electron Devices*, 2005, vol. 52, p. 1698-1705. ISSN 0018-9383.

Ohlasy:
[1.1] BABIC, D.I. In IEEE TRANSACTIONS ON ELECTRON DEVICES. APR 2014, vol. 61, no. 4, p. 1047-1053., WOS
[1.1] DOUGLAS, E.A. - GILA, B.P. - ABERNATHY, C.R. - REN, F. - PEARTON, S.J. In LOW-DIMENSIONAL NANOSCALE ELECTRONIC AND PHOTONIC DEVICES 5 -AND- STATE-OF-THE-ART PROGRAM ON COMPOUND SEMICONDUCTORS 54 (SOTAPOCS 54). 2012, vol. 50, no. 6, p. 261-272., WOS
[1.1] DOUGLAS, E.A. - PEARTON, S.J. - POLING, B. - VIA, G.D. - LIU, L. - REN, F. In ELECTROCHEMICAL AND SOLID STATE LETTERS. 2011, vol. 14, no. 11, p. H464-H466., WOS
[1.1] HOU, M.M. - PAN, C.C. - ASHEGHI, M. - SENESKY, D.G. In 2014 IEEE INTERSOCIETY CONFERENCE ON THERMAL AND THERMOMECHANICAL PHENOMENA IN ELECTRONIC SYSTEMS (ITHERM). 2014, p. 25-30., WOS
[1.1] MANNO, M. - WANG, P. - BAR-COHEN, A. In PROCEEDINGS OF THE ASME INTERNATIONAL TECHNICAL CONFERENCE AND EXHIBITION ON PACKAGING AND INTEGRATION OF ELECTRONIC AND PHOTONIC MICROSYSTEMS, 2013, VOL 2. 2014., WOS
[1.1] SHENOY, B.M. - MAHAPATRA, D.R. - HEGDE, G. In JOURNAL OF APPLIED PHYSICS. JUL 28 2013, vol. 114, no. 4., WOS
[1.1] SCHWITTER, B.K. - PARKER, A.E. - MAHON, S.J. - FATTORINI, A.P. - HEIMLICH, M.C. In IEEE TRANSACTIONS ON ELECTRON DEVICES. MAY 2014, vol. 61, no. 5, p. 1327-1334., WOS
[1.1] WANG, A. - TADJER, M.J. - CALLE, F. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. MAY 2013, vol. 28, no. 5., WOS
[1.1] WANG, J.H. - WANG, X.H. - PANG, L. - CHEN, X.J. - LIU, X.Y. In CHINESE PHYSICS LETTERS. AUG 2012, vol. 29, no. 8., WOS
[1.1] WANG, Z.L. - TIAN, X. - LIANG, J.G. - ZHU, J. - TANG, D.W. - XU, K. In INTERNATIONAL JOURNAL OF THERMAL SCIENCES. MAY 2014, vol. 79, p. 266-275., WOS
[1.1] YAHYAZADEH, R. - HASHEMPOUR, Z. In CHINA SEMICONDUCTOR TECHNOLOGY INTERNATIONAL CONFERENCE 2011 (CSTIC 2011). 2011, vol. 34, no. 1, p. 67-73., WOS
[1.1] YAHYAZADEH, R. - HASHEMPOUR, Z. In CHINA SEMICONDUCTOR TECHNOLOGY INTERNATIONAL CONFERENCE 2012 (CSTIC 2012). 2012, vol. 44, no. 1, p. 49-55., WOS
[1.1] YAHYAZADEH, R. - HASHEMPOUR, Z. In CHINA SEMICONDUCTOR TECHNOLOGY INTERNATIONAL CONFERENCE 2012 (CSTIC 2012). 2012, vol. 44, no. 1, p. 165-172., WOS
[1.1] ZHENG, H. - JAGANNADHAM, K. In IEEE TRANSACTIONS ON ELECTRON DEVICES. JUN 2013, vol. 60, no. 6, p. 1911-1915., WOS
[1.2] Fu, P., Sheng, Y.-J., Chen, C., Chen, R.-S. In IEEE Electrical Design of Advanced Packaging and Systems Symposium, EDAPS 2011 , art. no. 6213718, SCOPUS
[1.2] Wang, J., Wang, X., Pang, L., Chen, X.,Jin, Z., Liu, X. Journal of Semiconductors 33 (2012) , art. no. 094004, SCOPUS

ADCA417 KUZMÍK, Ján - KONSTANTINIDIS, G. - HARASEK, S. - HAŠČÍK, Štefan - BERTAGNOLLI, E. - GEORGAKILAS, A. - POGANY, D.. ZrO2/(Al)GaN

metal-oxide-semiconductor structures characterization and application. In *Semiconductor Science and Technology*, 2004, vol. 19, p. 1364-1368. ISSN 0268-1242.

Ohlasy:

[1.1] AL-HADA, N.M. - SAION, E.B. - SHAARI, A.H. - KAMARUDIN, M.A. - FLAIFEL, M.H. - AHMAD, S.H. - GENE, S.A. In PLOS ONE. AUG 5 2014, vol. 9, no. 8., WOS

[1.1] FENG, Q. - LI, Q. - XING, T. - WANG, Q. - ZHANG, J.C. - HAO, Y. In CHINESE PHYSICS B. JUN 2012, vol. 21, no. 6., WOS

[1.1] HU, C.C. - LIN, M.S. - WU, T.Y. - ADRIYANTO, F. - SZE, P.W. - WU, C.L. - WANG, Y.H. In PHYSICS AND TECHNOLOGY OF HIGH-K MATERIALS 9. 2011, vol. 41, no. 3, p. 439-444., WOS

[1.1] HU, C.C. - LIN, M.S. - WU, T.Y. - ADRIYANTO, F. - SZE, P.W. - WU, C.L. - WANG, Y.H. In IEEE TRANSACTIONS ON ELECTRON DEVICES. JAN 2012, vol. 59, no. 1, p. 121-127., WOS

[1.1] CHIU, H.C. - WU, C.H. - CHI, J.F. - CHIEN, F.T. In MICROELECTRONICS RELIABILITY. JUN-JUL 2014, vol. 54, no. 6-7, p. 1282-1287., WOS

[1.1] KAMBAYASHI, H. - NOMURA, T. - UEDA, H. - HARADA, K. - MOROZUMI, Y. - HASEBE, K. - TERAMOTO, A. - SUGAWA, S. - OHMI, T. In JAPANESE JOURNAL OF APPLIED PHYSICS. APR 2013, vol. 52, no. 4, 2, SI., WOS

[1.1] KODAMA, S. - TOKUDA, H. - KUZUHARA, M. In 2014 IEEE INTERNATIONAL MEETING FOR FUTURE OF ELECTRON DEVICES, KANSAI (IMFEDK). 2014., WOS

[1.1] LAKSHMI, B.P. - REDDY, M.S.P. - KUMAR, A.A. - REDDY, V.R. In CURRENT APPLIED PHYSICS. MAY 2012, vol. 12, no. 3, p. 765-772., WOS

[1.1] LIU, X. - KIM, J. - SUNTRUP, D.J. - WIENECKE, S. - TAHHAN, M. - YELURI, R. - CHAN, S.H. - LU, J. - LI, H. - KELLER, S. - MISHRA, U.K. In APPLIED PHYSICS LETTERS. JUN 30 2014, vol. 104, no. 26., WOS

[1.1] MIZUE, C. - HORI, Y. - MICZEK, M. - HASHIZUME, T. In JAPANESE JOURNAL OF APPLIED PHYSICS. FEB 2011, vol. 50, no. 2., WOS

[1.1] SAGHROUNI, H. - JOMNI, S. - BELGACEM, W. - HAMDAOUI, N. - BEJI, L. In PHYSICA B-CONDENSED MATTER. JUL 1 2014, vol. 444, p. 58-64., WOS

[1.1] TIAN, B.L. - CHEN, C. - ZHANG, J.H. - LI, Y.R. - CHEN, Y.F. - LIU, X.Z. - ZHOU, J.J. - LI, L. - CHEN, C. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. AUG 2011, vol. 26, no. 8., WOS

[1.2] Lee, Y.-C., Kao, T.-T., Shen, S.-C. 2013 International Conference on Compound Semiconductor Manufacturing Technology, CS MANTECH 2013 pp. 333-336, SCOPUS

ADCA418 KVITKOVIČ, Jozef - POLÁK, Milan. Remanent magnetisation in multifilamentary Bi-2223 tapes with filament bridging. In *Physica C*, 2002, vol. 372-376, p. 1012-1015. (0.806 - IF2001). (2002 - Current Contents, WOS, SCOPUS). ISSN 0921-4534.

Ohlasy:

[1.1] INADA, R. - BABA, S. - OHTSU, R. - MAKIHARA, T. -

SAKAMOTO, S. - OOTA, A. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 3, p. 2816-2819., WOS
[1.1] MAKIHARA, T. - INADA, R. - OOTA, A. - SAKAMOTO, S. - LI, C.S. - ZHANG, P.X. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 3, p. 2820-2823., WOS
[1.1] NAGASAKI, Y. - NAKAMURA, T. - FUNAKI, I. - ASHIDA, Y. - YAMAKAWA, H. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. NOV 2014, vol. 27, no. 11., WOS

ADCA419 KVITKOVIČ, Jozef - VOCCIO, J. - PAMIDI, S.V. Shielding of AC magnetic fields by coils and sheets of superconducting tapes. In *IEEE Transactions on Applied Superconductivity*, 2009, vol. 19, p. 3577-3580. (0.919 - IF2008). (2009 - Current Contents, SCOPUS).
Ohlasy:
[1.1] SHIEH, J.J. - CHEM, G.T. - CHUANG, W. In 39TH ANNUAL CONFERENCE OF THE IEEE INDUSTRIAL ELECTRONICS SOCIETY (IECON 2013). 2013, p. 258-261., WOS

ADCA420 KVITKOVIČ, Jozef - MAJOROŠ, Milan. Three axis cryogenic Hall sensor. In *Journal of Magnetism and Magnetic Materials*, 1996, vol. 157/158, p. 440. (1.208 - IF1995). (1996 - Current Contents, WOS, SCOPUS). ISSN 0304-8853.
Ohlasy:
[1.1] BELLINA, F. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2012, vol. 22, no. 3., WOS

ADCA421 LALINSKÝ, Tibor - VANKO, Gabriel - VALLO, Martin - DOBROČKA, Edmund - RÝGER, Ivan - VINCZE, A. AlGaN/GaN high electron mobility transistors with nickel oxide based gates formed by high temperature oxidation. In *Applied Physics Letters*, 2012, vol. 100, 092105. (3.844 - IF2011). (2012 - Current Contents). ISSN 0003-6951.
Ohlasy:
[1.1] HARMATHA, L. - STUCHLIKOVA, L. - RACKO, J. - MAREK, J. - PECHACEK, J. - BENKO, P. - NEMEC, M. - BREZA, J. In APPLIED SURFACE SCIENCE. SEP 1 2014, vol. 312, p. 102-106., WOS
[1.1] KAWAKAMI, R. - NIIBE, M. - NAKANO, Y. - KONISHI, M. - MORI, Y. - TAKEICHI, A. - TOMINAGA, K. - MUKAI, T. In JAPANESE JOURNAL OF APPLIED PHYSICS. MAY 2013, vol. 52, no. 5, 3, SI., WOS
[1.1] LIU, H.Y. - LEE, C.S. - HSU, W.C. - TSENG, L.Y. - CHOU, B.Y. - HO, C.S. - WU, C.L. In IEEE TRANSACTIONS ON ELECTRON DEVICES. JUL 2013, vol. 60, no. 7, p. 2231-2237., WOS
[1.1] TRAN, B.T. - CHANG, E.Y. In ELECTRONIC MATERIALS LETTERS. SEP 2013, vol. 9, no. 5, p. 705-708., WOS

ADCA422 LALINSKÝ, Tibor - RUFER, L. - VANKO, Gabriel - MIR, S. - HAŠČÍK, Štefan - MOZOLOVÁ, Želmíra - VINCZE, A. - UHEREK, F. AlGaN/GaN heterostructure based surface acoustic wave structures for chemical sensors. In *Applied Surface Science*, 2008, vol. 255, p. 712-714. (1.410 - IF2007). (2008 - Current Contents). ISSN 0169-4332.
Ohlasy:
[1.1] CHEN, T.Y. - CHEN, H.I. - LIU, Y.J. - HUANG, C.C. - HSU, C.S. -

CHANG, C.F. - LIU, W.C. In IEEE TRANSACTIONS ON ELECTRON DEVICES. MAY 2011, vol. 58, no. 5, p. 1541-1547., WOS

[1.1] LU, X. - LEE, C.M. - WU, S.Y. - HO, H.P. - LAU, K.M. In IEEE SENSORS JOURNAL. APR 2013, vol. 13, no. 4, p. 1245-1251., WOS

[1.1] ZHANG, D. - BIAN, J.M. - QIN, F.W. - WANG, J. - PAN, L. - ZHAO, J.M. - ZHAO, Y. - BAI, Y.Z. - DU, G.T. In MATERIALS RESEARCH BULLETIN. OCT 2011, vol. 46, no. 10, p. 1582-1585., WOS

ADCA423 LALINSKÝ, Tibor - DRŽÍK, Milan - TOMÁŠKA, M. - KRNÁČ, Martin - HAŠČÍK, Štefan - MOZOLOVÁ, Želmíra - KLASOVITÝ, M. - KOSTIČ, Ivan. Coplanar waveguides supported by InGaP and GaAs/AlGaAs membrane-like bridges. In *Journal of Micromechanics and Microengineering*, 2002, vol. 12, p. 465-469. ISSN 0960-1317.

Ohlasy:

[1.1] YANG, Gang - LIAO, Xiaoping - ZHANG, Zhiqiang. Young's modulus and residual stress of MEMS gold beams based on the GaAs MMIC process. In JOURNAL OF MICROMECHANICS AND MICROENGINEERING. ISSN 0960-1317, 2013, vol. 23, no. 4, pp., WOS

ADCA424 LALINSKÝ, Tibor - VANKO, Gabriel - VINCZE, A. - HAŠČÍK, Štefan - OSVALD, Jozef - DONOVAL, D. - TOMÁŠKA, M. - KOSTIČ, Ivan. Effect of fluorine interface redistribution on performance of AlGaN/GaN HEMTs. In *Microelectronic Engineering*, 2011, vol. 88, p. 166-169. (1.569 - IF2010). (2011 - Current Contents). ISSN 0167-9317.

Ohlasy:

[1.1] BISI, D. - MENEGHINI, M. - STOCCO, A. - CIBIN, G. - PANTELLINI, A. - NANNI, A. - LANZIERI, C. - ZANONI, E. - MENEGHESSO, G. Influence of Fluorine-based Dry Etching on Electrical Parameters of AlGaN/GaN-on-Si High Electron Mobility Transistors. In 2013 PROCEEDINGS OF THE EUROPEAN SOLID-STATE DEVICE RESEARCH CONFERENCE (ESSDERC). ISSN 1930-8876, 2013, vol., no., pp. 61-64., WOS

[1.1] KETTENISS, N. - BEHMENBURG, H. - HAHN, H. - NOCULAK, A. - HOLLAENDER, B. - KALISCH, H. - HEUKEN, M. - VESCAN, A. Quaternary Enhancement-Mode HFET With In Situ SiN Passivation. In IEEE ELECTRON DEVICE LETTERS. ISSN 0741-3106, 2012, vol. 33, no. 4, pp. 519-521., WOS

[9] LINKOHR, S. AlGaN/GaN-basierte-pH-sensoren für biochemische anwendungen. PhD Thesis, University of Freiburg. 2011, 165 p., Google Scholar

ADCA425 LALINSKÝ, Tibor - DRŽÍK, Milan - JAKOVENKO, J. - VANKO, Gabriel - MOZOLOVÁ, Želmíra - HAŠČÍK, Štefan - CHLPÍK, J. - HOTOVÝ, I. - ŘEHÁČEK, V. - KOSTIČ, Ivan - MATAY, Ladislav - HUSÁK, M. GaAs based micromachined thermal converter for gas sensors. In *Sensors and Actuators A : Physical*, 2008, vol. 142, p. 147-152. (1.350 - IF2007).

Ohlasy:

[1.2] ZHOU Z. - ZHAO W. - SHI Y. - WANG T. - YU Y. Study on thermal instability characteristics of AIN micro-hotplate gas sensor array. In Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument. ISSN: 0254-3087, DEC 2013, vol. 34, no. 12, p. 2757-2762., SCOPUS

ADCA426 LALINSKÝ, Tibor - GREGUŠOVÁ, Dagmar - MOZOLOVÁ, Želmíra - BREZA, J. - VONGRINČIČ, P. High-temperature stable In-Al/n-GaAs Schottky diodes. In *Applied Physics Letters*, 1994, vol. 64, p. 1818.

Ohlasy:

[1.1] BOZHKOV, V.G. - SHMARGUNOV, A.V. - BEKEZINA, T.P. - TORKHOV, N.A. - NOVIKOV, V.A. In JOURNAL OF APPLIED PHYSICS. JUN 14 2014, vol. 115, no. 22., WOS

ADCA427 LALINSKÝ, Tibor - VANKO, Gabriel - VALLO, Martin - DRŽÍK, Milan - BRUNCKO, J. - JAKOVENKO, J. - KUTIŠ, V. - RÝGER, Ivan - HAŠČÍK, Štefan - HUSÁK, M. Impact of ZnO gate interfacial layer on piezoelectric response of AlGaN/GaN C-HEMT based ring gate capacitor. In *Sensors and Actuators A*, 2011, vol. 172, p. 386-391. (3.368 - IF2010). (2011 - Current Contents). ISSN 0925-4005.

Ohlasy:

[1.1] WANG, C. - ZHANG, K. - HE, Y.L. - ZHENG, X.F. - MA, X.H. - ZHANG, J.C. - HAO, Y. In CHINESE PHYSICS LETTERS. DEC 2014, vol. 31, no. 12., WOS

ADCA428 LALINSKÝ, Tibor - HUDEK, Peter - VANKO, Gabriel - DZUBA, Jaroslav - KUTIŠ, V. - SRNÁNEK, R. - CHOLEVA, P. - VALLO, Martin - DRŽÍK, Milan - MATAY, Ladislav - KOSTIČ, Ivan. Micromachined membrane structures for pressure sensors based on AlGaN/GaN circular HEMT sensing device. In *Microelectronic Engineering : an international journal of semiconductor manufacturing technology*, 2012, vol. 98, p. 578-581. (1.557 - IF2011). (2012 - Current Contents). ISSN 0167-9317.

Ohlasy:

[1.1] AL-SHIBAANY, Zeyad Yousif Abdoon - HEDLEY, John - HUO, Dehong - HU, Zhongxu. Micromachining Lithium Niobate for Rapid Prototyping of Resonant Biosensors. In 27TH INTERNATIONAL CONFERENCE ON CADCAM, ROBOTICS AND FACTORIES OF THE FUTURE 2014. ISSN 1757-8981, 2014, vol. 65, no., pp., WOS

[1.1] HAEHNLEIN, Bernd - TONISCH, Katja - ECKE, Gernot - GRIESELER, Rolf - MICHAEL, Steffen - SCHAAF, Peter - PEZOLDT, Joerg - HILDEBRANDT, S. AlGaN based MEMS structures. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 11, NO 2. ISSN 1862-6351, 2014, vol. 11, no. 2, pp. 239., WOS

[1.1] LINGANISO, Ella C. - RODRIGUES, Rafael - MHLANGA, Sabelo D. - MWAKIKUNGA, Bonex W. - COVILLE, Neil J. - HUMMELGEN, Ivo A. GaN nanostructures-poly(vinyl alcohol) composite based hydrostatic pressure sensor device. In MATERIALS CHEMISTRY AND PHYSICS. ISSN 0254-0584, 2013, vol. 143, no. 1, pp. 367., WOS

[1.1] WANG, Cong - CHO, Sung-Jin - KIM, Nam-Young. Comparison of SiO2-based double passivation scheme by e-beam evaporation and PECVD for surface passivation and gate oxide in AlGaN/GaN HEMTs. In MICROELECTRONIC ENGINEERING. ISSN 0167-9317, 2013, vol. 109, no., pp. 24., WOS

[1.2] TIGINYANU, Ion - TIGINYANU, Ion - URSAKI, Veaceslav. GaN nanostructuring for the fabrication of thin membranes and emerging applications. In Turkish Journal of Physics. ISSN 13000101, 2014-01-01, 38, 3, pp. 328-368., SCOPUS

ADCA429 LALINSKÝ, Tibor - KUZMÍK, Ján - PORGES, Marcel - HAŠČÍK, Štefan - MOZOLOVÁ, Želmíra - GRNO, L. Monolithic GaAs MESFET power sensor microsystem. In *Electronics Letters*, 1995, vol. 31, p. 1914-1916.

Ohlasy:

[1.1] WANG, D.B. - LIAO, X.P. In ELECTRONICS LETTERS. JAN 6 2011, vol. 47, no. 1, p. 41-42., WOS

[1.1] WANG, D.B. - LIAO, X.P. In ELECTRONICS LETTERS. JAN 19 2012, vol. 48, no. 2, p. 102-U1207., WOS

[1.1] XUE, C.Y. - TAN, Z.X. - SHI, W.L. - LIU, J. - ZHANG, B.Z. - XIONG, J.J. - ZHANG, W.D. In IEEE SENSORS JOURNAL. FEB 2011, vol. 11, no. 2, p. 384-388., WOS

[1.2] Wang, D.-B., Liao, X.-P. In Electronics Letters 47 (2011) , pp. 875-876, SCOPUS

ADCA430 LALINSKÝ, Tibor - DRŽÍK, Milan - VANKO, Gabriel - VALLO, Martin - KUTIŠ, V. - BRUNCKO, J. - HAŠČÍK, Štefan - JAKOVENKO, J. - HUSÁK, M. Piezoelectric response of AlGaN/GaN based circular-HEMT structures. In *Microelectronic Engineering*, 2011, vol. 88, p. 2424-2426. (1.569 - IF2010). (2011 - Current Contents). ISSN 0167-9317.

Ohlasy:

[1.1] CHAPIN, C.A. - CHIAMORI, H.C. - HOU, M. - SENESKY, D.G. In STRUCTURAL HEALTH MONITORING 2013, VOLS 1 AND 2. 2013, p. 1621-1628., WOS

[1.1] WANG, C. - CHO, S.J. - KIM, N.Y. In MICROELECTRONIC ENGINEERING. SEP 2013, vol. 109, p. 24-27., WOS

ADCA431 LALINSKÝ, Tibor - RÝGER, Ivan - RUFER, L. - VANKO, Gabriel - HAŠČÍK, Štefan - MOZOLOVÁ, Želmíra - TOMÁŠKA, M. - VINCZE, A. - UHEREK, F. Surface acoustic wave excitation on SF6 plasma-treated AlGaN/GaN heterostructure. In *Vacuum*, 2009, vol. 84, p. 231-234. (1.114 - IF2008). (2009 - Current Contents). ISSN 0042-207X.

Ohlasy:

[1.1] ZHANG, D. - BIAN, J.M. - QIN, F.W. - WANG, J. - PAN, L. - ZHAO, J.M. - ZHAO, Y. - BAI, Y.Z. - DU, G.T. In MATERIALS RESEARCH BULLETIN. OCT 2011, vol. 46, no. 10, p. 1582-1585., WOS

ADCA432 LALINSKÝ, Tibor - HAŠČÍK, Štefan - MOZOLOVÁ, Želmíra - BURIAN, Eduard - DRŽÍK, Milan. The improved performance of GaAs micromachined power sensor microsystem. In *Sensors and Actuators A*, 1999, vol. 76, p. 241-246. (0.742 - IF1998). (1999 - Current Contents).

Ohlasy:

[1.1] PAI, P. - CHEN, L.Y. - CHOWDHURY, F.K. - TABIB-AZAR, M. Non-Intrusive Electric Power Sensors for Smart Grid. In 2012 IEEE SENSORS PROCEEDINGS. 2012, p. 600-603., WOS

[1.1] WANG, D.B. - LIAO, X.P. A novel MEMS double-channel microwave power sensor based on GaAs MMIC technology. In SENSORS AND ACTUATORS A-PHYSICAL. DEC 2012, vol. 188, SI, p. 95-102., WOS

[1.1] WANG, D.B. - LIAO, X.P. A 35 GHz wireless millimeter-wave power sensor based on GaAs micromachining technology. In JOURNAL OF

MICROMECHANICS AND MICROENGINEERING. JUN 2012, vol. 22, no. 6., WOS

[1.1] WANG, D.B. - LIAO, X.P. - LIU, T. Optimization of Indirectly-Heated Type Microwave Power Sensors Based on GaAs Micromachining. In IEEE SENSORS JOURNAL. MAY 2012, vol. 12, no. 5, p. 1349-1355., WOS

[1.1] WANG, D.B. - LIAO, X.P. - LIU, T. A Thermoelectric Power Sensor and Its Package Based on MEMS Technology. In JOURNAL OF MICROELECTROMECHANICAL SYSTEMS. FEB 2012, vol. 21, no. 1, p. 121-131., WOS

[1.1] WANG, D.B. - LIAO, X.P. A voltage source model on thermoelectric power sensor based on MEMS technology. In MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS. AUG 2011, vol. 17, no. 8, p. 1343-1349., WOS

[1.2] WANG, D.B. - LIAO, X.P. In 2011 16th International Solid-State Sensors, Actuators and Microsystems Conference, TRANSDUCERS'11 , 2011,art. no. 5969125 , pp. 32-35, SCOPUS

ADCA433 LALINSKÝ, Tibor - DRŽÍK, Milan - CHLPÍK, J. - KRNÁČ, M. - HAŠČÍK, Štefan - MOZOLOVÁ, Želmíra - KOSTIČ, Ivan. Thermo-mechanical characterization of micromachined GaAs-based thermal converter using contactless optical methods. In *Sensors and Actuators A*, 2005, vol. 123-124, p. 99-105.

Ohlasy:

[1.1] ZHANG, Zhiqiang - LIAO, Xiaoping. A three-channel thermoelectric RF MEMS power sensor for GaAs MMIC applications. In SENSORS AND ACTUATORS A-PHYSICAL. ISSN 0924-4247, 2012, vol. 182, no., pp. 68-71., WOS

[1.2] FUJIMOTO, Yasuhisa - SATO, Mitsuru - SAKAMOTO, Hiroo - TAKAGI, Shinichi. Mechanism of warpage increase behavior induced by thermal cycling in semiconductor package. In Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A. ISSN 03875008, 2011-12-01, 77, 773, pp. 134-145., SCOPUS

[10] NOVÁK, M. - LOFAJ, F. - HVIŠČOVÁ, P. The effect of residual stresses on nanoindentation behavior of thin W-C based coatings. In Powder Metallurgy Progress. 2013, vol. 13, no. 3-4, pp. 132-138., Google Scholar

ADCA434 LAPIN, Juraj - PELACHOVÁ, Tatiana - WITUSIEWICZ, V.T. - DOBROČKA, Edmund. Effect of long-term ageing on microstructure stability and lattice parameters of coexisting phases in intermetallic Ti-46Al-8Ta alloy. In *Intermetallics*, 2011, vol. 19, p.121-124. (2.335 - IF2010). (2011 - Current Contents, WOS, SCOPUS). ISSN 0966-9795.

Ohlasy:

[1.1] HASEGAWA, Makoto - NOMURA, Takuya - HAGA, Hideki - DLOUHY, Ivo - FUKUTOMI, Hiroshi. Microstructural control of Ti-46Al-7Nb-0.7Cr-0.2Ni-0.1Si alloy by heat treatment. In INTERNATIONAL JOURNAL OF MATERIALS RESEARCH. ISSN 1862-5282, NOV 2014, vol. 105, no. 11, p. 1075-1083., WOS

[1.1] HUANG, Z. W. - HU, W. Thermal stability of an intermediate strength fully lamellar Ti-45Al-2Mn-2Nb-0.8 vol.% TiB2 alloy. In INTERMETALLICS. ISSN 0966-9795, NOV 2014, vol. 54, p. 49-55., WOS

[1.1] LUO YUANYUAN - XI ZHENGPING - LU YAFENG - MAO XIAONAN - YANG YI - ZENG WEIDONG. Elevated Temperature Oxidation Behavior of the New gamma-TiAl Alloy. In RARE METAL MATERIALS AND ENGINEERING. ISSN 1002-185X, JAN 2014, vol. 43, no. 1, p. 219-223., WOS

[1.1] POPELA, T. - VOJTECH, D. HIGH-TEMPERATURE BEHAVIOUR OF Ti-Al-Nb-Ta INTERMETALLICS. In METAL 2011: 20TH ANNIVERSARY INTERNATIONAL CONFERENCE ON METALLURGY AND MATERIALS. 2011, p. 986-990., WOS

[1.1] RAGHAVAN, V. Phase Diagram Updates and Evaluations of the Al-Fe-Ta, Al-Ge-Ni, Al-Li-Zn, Al-Sc-Si and Al-Ta-Ti Systems. In JOURNAL OF PHASE EQUILIBRIA AND DIFFUSION. ISSN 1547-7037, AUG 2013, vol. 34, no. 4, p. 328-349., WOS

[1.1] VOJTECH, D. - POPELA, T. - HAMACEK, J. - KUTZENDORFER, J. The influence of tantalum on the high temperature characteristics of lamellar gamma + alpha 2 titanium aluminide. In MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING. ISSN 0921-5093, NOV 15 2011, vol. 528, no. 29-30, p. 8557-8564., WOS

[4] STANEKOVÁ, H. Microstructural stability of Ti-46Al-8Ta during creep. In Materials Engineering/ Materiálové inžinierstvo. ISSN 1335-0803, 2011, vol. 18, no. 1, s. 11-15.

ADCA435 LAURENČÍKOVÁ, Agáta - VALERIÁNOVÁ, Michaela - ŠTRBÍK, Vladimír - MATKOVIČOVÁ, Z. - PLESCH, G. - KOSTIČ, Ivan. Influence of the reaction conditions on the formation of Tl(Re)-Ba-Ca-Cu-O superconducting thin films by thallination in open system. In *Central European Journal of Physics*, 2007, vol. 5, p. 229-235. (0.811 - IF2006). (2007 - Current Contents, WOS, SCOPUS).

Ohlasy:

[9] KALITA, P.C. Effect of simultaneous doping of rhenium and tellurium on Tc and phase formation of Tl-based cuprate superconducting materials. In International Journal of Innovative Research and Development. 2012, vol. 1, no. 7, pp. 295-302., Google Scholar

[9] KALITA, P.C. Effect of Re and Re-Te Doping on Critical Temperature of Tl-Based Cuprates. In Journal of Chemistry and Chemical Engineerin., 2013, no. 7, pp. 220-224., Google Scholar

[9] KALITA, P.C. Synthesis, characterization and study the effect of Te on critical temperature of Tl-Re based cuprates. In International Journal of scientific research and management (IJSRM). 2014, vol. 2, no. 5, pp. 850-854., Google Scholar

ADCA436 LAURENČÍKOVÁ, Agáta - HASENÖHRL, Stanislav - ELIÁŠ, Peter - STOKLAS, Roman - BLAHO, Michal - NOVOTNÝ, I. - KRIŽANOVÁ, Zuzana - NOVÁK, Jozef. Ohmic contacts to p-GaP/n-ZnO core/shell nanowires based on Au metallization. In *Applied Surface Science*, 2013, vol. 269, p. 60-64. (2.112 - IF2012). (2013 - Current Contents, WOS, SCOPUS). ISSN 0169-4332.

Ohlasy:

[1.2] Vidu, R., Rahman, M., Mahmoudi, M., Enachescu, M., Poteca, T.D., Opris, I. Frontiers in Systems Neuroscience Volume 8 (2014) 91, SCOPUS

ADCA437 LAURENČÍKOVÁ, Agáta - SOJKOVÁ, Michaela - CHROMIK, Štefan - ŠTRBÍK, Vladimír - KOSTIČ, Ivan. Tl-based patterned superconducting structures: fabrication and study. In *Superconductor Science and Technology*, 2010, vol. 23, art. no. 045007. (2.694 - IF2009). (2010 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[9] KALITA, P.C. Effect of Re and Re-Te doping on critical temperature of Tl-based cuprates. In Journal of Chemistry and Chemical Engineering, 2013, no. 7, pp. 220-224., Google Scholar

[9] KALITA, P.C. Synthesis, characterization and study the effect of Te on critical temperature of Tl-Re based cuprates. In International Journal of scientific research and management (IJSRM). 2014, vol. 2, no. 5, pp. 850-854., Google Scholar

ADCA438 LE BOULBAR, E.D. - EDWARDS, M.J. - VITTOZ, S. - VANKO, Gabriel - BRINKFELDT, K. - JOHANDER, P. - LALINSKÝ, Tibor - BOWEN, C.R. - ALLSOPP, D.W.E. Effect of bias conditions on pressure sensors based on AlGaN/GaN high electron mobility transistor. In *Sensors and Actuators A*, 2013, vol. 194, p. 247-251. (3.535 - IF2012). (2013 - Current Contents). ISSN 0925-4005.

Ohlasy:

[1.1] MUNUSAMI, R. - YAKKALA, B.R. - PRABHAKAR, S. In SUPERLATTICES AND MICROSTRUCTURES. DEC 2013, vol. 64, p. 388-398., WOS

ADCA439 LEBEDEV, O.I. - VERBEECK, J. - VAN TENDELOO, G. - DUBORDIEU, C. - ROSINA, Milan - CHAUDOUET, P. Structure and properties of artificial [(La0.7Sr0.3MnO3)m(SrTiO3)n]15 superlattices on (001)SrTiO3. In *Journal of Applied Physics*. - New York : American Institute of Physics, 2003, vol. 94, p. 7646-7656. (2.281 - IF2002). (2003 - Current Contents, WOS, SCOPUS). ISSN 0021-8979.

Ohlasy:

[1.1] GU, M. - SONG, C.Y. - YANG, F. - ARENHOLZ, E. - BROWNING, N.D. - TAKAMURA, Y. In JOURNAL OF APPLIED PHYSICS. APR 15 2012, vol. 111, no. 8., WOS

[1.1] LIU, D. - LIU, W. In CERAMICS INTERNATIONAL. DEC 2011, vol. 37, no. 8, p. 3531-3534., WOS

[1.1] RESHI, H.A. - PILLAI, S. - SHELKE, V. In JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS. SEP 2014, vol. 25, no. 9, p. 3795-3800., WOS

ADCA440 LEVIN, G.A. - MURPHY, J. - HAUGAN, T.J. - ŠOUC, Ján - KOVÁČ, Ján - KOVÁČ, Pavol. AC losses of copper stabilized multifilament YBCO coated conductors. In *IEEE Transactions on Applied Superconductivity*, 2013, vol. 23, 6600604. (1.199 - IF2012). (2013 - Current Contents, SCOPUS). ISSN 1051-8223.

Ohlasy:

[1.1] DEMENCIK, E. - VOJENCIAK, M. - KARIO, A. - NAST, R. - JUNG, A. - GOLDACKER, W. - GRILLI, F. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. DEC 2014, vol. 24, no. 6., WOS

ADCA441 LI, X. - KHAFIZOV, M.L. - CHROMIK, Štefan - VALERIÁNOVÁ, Michaela - ŠTRBÍK, Vladimír - ODIER, P. - SOBOLEWSKI, R. Ultrafast photoresponse dynamics of current-biased Hg-Ba-Ca-Cu-O superconducting microbridges. In *IEEE Transactions on Applied Superconductivity*, 2007, vol. 17, p. 3648-3651. (0.717 - IF2006). (2007 - Current Contents, WOS, SCOPUS).

Ohlasy:

[1.1] GHAMSARI, B.G. - MAJEDI, A.H. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. DEC 2011, vol. 21, no. 6, p. 3646-3651., WOS

ADCA442 LIDAY, J. - HOTOVÝ, I. - SITTER, H. - SCHMIDEGG, K. - VOGRINČIČ, P. - BONNANI, A. - BREZA, J. - ECKE, G. - VÁVRA, Ivo. Auger electron spectroscopy of Au/NiOx contacts on p-GaN annealed in N-2 and O-2+N-2 ambients. In *Applied Surface Science*, 2007, vol. 253, p. 3174-3180. (1.440 - IF2006). (2007 - Current Contents). ISSN 0169-4332.

Ohlasy:

[1.1] HUANG, B.R. - CHOU, C.H. - KE, W.C. - CHOU, Y.L. - TSAI, C.L. - WU, M.C. In APPLIED SURFACE SCIENCE. JUN 15 2011, vol. 257, no. 17, p. 7490-7493., WOS

[1.1] MASSOUBRE, D. - XIE, E.Y. - GUILHABERT, B. - HERRNSDORF, J. - GU, E.D. - WATSON, I.M. - DAWSON, M.D. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. JAN 2014, vol. 29, no. 1., WOS

ADCA443 LIDAY, J. - HOTOVÝ, I. - SITTER, H. - VOGRINČIČ, P. - VINCZE, A. - VÁVRA, Ivo - ŠATKA, A. - ECKE, G. - BONANNI, A. - BREZA, J. - SIMBRUNNER, C. - PLOCHBERGER, B. Investigation of NiO(x)-based contacts on p-GaN. In *Journal of Materials Science. Materials in Electronics*, 2010, vol. 19, p. 855-862. (1.020 - IF2009). (2010 - Current Contents, SCOPUS). ISSN 0957-4522.

Ohlasy:

[1.1] HERRERO, A. M. - BLANCHARD, P. T. - BERTNESS, K. A. In JOVE-JOURNAL OF VISUALIZED EXPERIMENTS. NOV 2013, no. 81., WOS

[1.1] HERRERO, A.M. - BLANCHARD, P.T. - SANDERS, A. - BRUBAKER, M.D. - SANFORD, N.A. - ROSHKO, A. - BERTNESS, K.A. In NANOTECHNOLOGY. SEP 14 2012, vol. 23, no. 36., WOS

[1.1] HU, Y.J. - WANG, J.C. - NEE, T.E. In THIN SOLID FILMS. JUL 1 2011, vol. 519, no. 18, p. 6069-6072., WOS

[1.1] LI, X. J. - ZHAO, D. G. - JIANG, D. S. - LIU, Z. S. - CHEN, P. - ZHU, J. J. - LE, L. C. - YANG, J. - HE, X. G. - ZHANG, S. M. - ZHANG, B. S. - LIU, J. P. - YANG, H. In JOURNAL OF APPLIED PHYSICS. OCT 28 2014, vol. 116, no. 16., WOS

[1.1] LI, X.J. - ZHAO, D.G. - HE, X.G. - WU, L.L. - LI, L. - YANG, J. - LE, L.C. - CHEN, P. - LIU, Z.S. - JIANG, D.S. In ACTA PHYSICA SINICA. OCT 2013, vol. 62, no. 20., WOS

ADCA444 LOBOTKA, Peter - VÁVRA, Ivo - FENDRYCH, F. - KRAUS, L. Electric transport in composite Fe-Ta-O granular film prepared by plasma jet technique. In *Journal of Magnetism and Magnetic Materials*, 2002, vol. 240, p. 491-493. (1.329 - IF2001). (2002 - Current Contents, WOS, SCOPUS). ISSN 0304-8853.

Ohlasy:
[1.1] KENNEDY, J. - LEVENEUR, J. - TAKEDA, Y. - WILLIAMS, G.V.M. - KUPKE, S. - MITCHELL, D.R.G. - MARKWITZ, A. - METSON, J.B. In JOURNAL OF MATERIALS SCIENCE. FEB 2012, vol. 47, no. 3, p. 1127-1134., WOS
[1.1] MASUBUCHI, Y. - MINOYA, M. - TAKEDA, T. - KIKKAWA, S. In JOURNAL OF THE AMERICAN CERAMIC SOCIETY. MAR 2011, vol. 94, no. 3, p. 765-770., WOS

ADCA445 LOBOTKA, Peter - DÉRER, Ján - VÁVRA, Ivo - DE JULIÁN FERNANDEZ, C. - MATTEI, G. - MAZZOLDI, P. Single-electron transport and magnetic properties of Fe-SiO2 nanocomposites prepared by ion implantation. In *Physical Review B : Condensed Matter*, 2007, vol. 75, 024423-1. (3.107 - IF2006). (2007 - Current Contents, WOS, SCOPUS). ISSN 1098-0121.

Ohlasy:
[1.1] BARINOV, I.O. - PROKHOROV, A.V. - ARAKELIAN, S.M. Generation of Entangled Polaritons in Doped Media. In NONLINEAR OPTICS AND APPLICATIONS VII. 2013, vol. 8772., WOS
[1.1] KANAMARU, Y. - ANDO, M. - SUDA, R. - SHIRAKASHI, J. In 2014 IEEE 14TH INTERNATIONAL CONFERENCE ON NANOTECHNOLOGY (IEEE-NANO). 2014, p. 719-722., WOS
[1.1] KENNEDY, J. - LEVENEUR, J. - WILLIAMS, G.V.M. - MITCHELL, D.R.G. - MARKWITZ, A. In NANOTECHNOLOGY. MAR 18 2011, vol. 22, no. 11., WOS
[1.1] KENNEDY, J. - LEVENEUR, J. - TAKEDA, Y. - WILLIAMS, G.V.M. - KUPKE, S. - MITCHELL, D.R.G. - MARKWITZ, A. - METSON, J.B. In JOURNAL OF MATERIALS SCIENCE. FEB 2012, vol. 47, no. 3, p. 1127-1134., WOS
[1.1] LEVENEUR, J. - KENNEDY, J. - WILLIAMS, G.V.M. - METSON, J. - MARKWITZ, A. In APPLIED PHYSICS LETTERS. JAN 31 2011, vol. 98, no. 5., WOS
[1.1] LEVENEUR, J. - KENNEDY, J.V. - WILLIAMS, G.V.M. - FANG, F. - METSON, J.B. - MARKWITZ, A. In ADVANCED MATERIALS AND NANOTECHNOLOGY. 2012, vol. 700, p. 37-40., WOS
[1.1] LEVENEUR, J. - WATERHOUSE, G.I.N. - KENNEDY, J. - METSON, J.B. - MITCHELL, D.R.G. In JOURNAL OF PHYSICAL CHEMISTRY C. NOV 3 2011, vol. 115, no. 43, p. 20978-20985., WOS
[1.1] MAO, Z. - WU, Q.Z. - WANG, M. - YANG, Y.S. - LONG, J. - CHEN, X.H. In NANOSCALE RESEARCH LETTERS. SEP 16 2014, vol. 9., WOS
[1.1] PROKHOROV, A.V. - BARINOV, I.O. - ARAKELIAN, S.M. In OPTICS AND SPECTROSCOPY. SEP 2012, vol. 113, no. 3, p. 305-313., WOS
[1.1] PROKHOROV, A.V. - BARINOV, I.O. - ALODJANTS, A.P. - ARAKELIAN, S.M. In PHOTONICS AND MICRO- AND NANO-STRUCTURED MATERIALS 2011. 2012, vol. 8414., WOS
[1.1] PROKHOROV, A.V. - GUBIN, M.Y. - LEKSIN, A.Y. - GLADUSH, M.G. - ALODZHANTS, A.P. - ARAKELYAN, S.M. In JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS. JUL 2012, vol. 115, no. 1, p. 1-14., WOS
[1.1] WANG, H. - ZHU, H.Z. In NANOSCALE RESEARCH LETTERS. JUL 10 2014, vol. 9., WOS

[1.2] Kanamaru, Y., Ando, M., Suda, R., Shirakashi, J.-I.: 2014 14th IEEE International Conference on Nanotechnology, IEEE-NANO 2014 6968058, pp. 719-722, SCOPUS

[1.2] Kennedy, J., Leveneur, J., Murmu, P.P., Anilkumar, P., Iqbal, A.: International Journal of ChemTech Research 6 (2014), pp. 3294-3296, SCOPUS

ADCA446 LOBOTKA, Peter - VÁVRA, Ivo. TEM in situ observation of electromigration damage in Al-Cu stripes. II.superimposed AC and DC stressing. In *Physica status solidi A. Applied research*, 1981, vol. 63, p. 655. ISSN 0031-8965.

Ohlasy:

[1.2] Spolenak, R.: In: In-Situ Electron Microscopy: Applications in Physics, Chemistry and Materials Science. Eds. G.Dehm et al. Wiley-VCH Verlag 2012. ISBN: 978-352-7319-732. P. 279-301, SCOPUS

ADCA447 LOBOTKA, Peter - KUNZO, Pavol - KOVÁČOVÁ, Eva - VÁVRA, Ivo - KRIŽANOVÁ, Zuzana - ŠMATKO, Vasilij - STEJSKAL, J. - KONYUSHENKO, E.N. - OMASTOVÁ, Mária - ŠPITALSKÝ, Zdenko - MIČUŠÍK, Matej - KRUPA, Igor. Thin polyaniline and polyaniline/carbon nanocomposite films for gas sensing. In *Thin Solid Films : international journal on the science and technology of Thin and Thick Films*, 2011, vol. 519, p.4123 - 4127. (1.909 - IF2010). (2011 - Current Contents). ISSN 0040-6090.

Ohlasy:

[1.1] CIRIC-MARJANOVIC, G. Recent advances in polyaniline composites with metals, metalloids and nonmetals. In SYNTHETIC METALS. ISSN 0379-6779, APR 15 2013, vol. 170, p. 31-56., WOS

[1.1] GHOSH, P. - DATTA, K. - MULCHANDANI, A. - SONKAWADE, R.G. - ASOKAN, K. - SHIRSAT, M.D. A chemiresistive sensor based on conducting polymer/SWNT composite nanofibrillar matrix-effect of 100 MeV O-16 ion irradiation on gas sensing properties. In SMART MATERIALS AND STRUCTURES. ISSN 0964-1726, MAR 2013, vol. 22, no. 3., WOS

[1.1] GU, Y.Q. - HUANG, J.G. Colorimetric detection of gaseous ammonia by polyaniline nanocoating of natural cellulose substances. In COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS. ISSN 0927-7757, SEP 20 2013, vol. 433, p. 166-172., WOS

[1.1] KAN, K. - CHEN, C.S. - ZHANG, G.X. - JIANG, C. - LI, L. - SHI, K.Y. In ADVANCES IN CHEMISTRY RESEARCH II, PTS 1-3. 2012, vol. 554-556, p. 661-666., WOS

[1.1] LI, H.S. - DING, W.C. - SHI, Q.R. - LI, Y.J. - ZHANG, P.N. - FENG, C. - XIA, H.B. Synthesis of Polyaniline-Coated Carbon Nanotubes and Study on Their pH-Sensitive Conductivity. In JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY. ISSN 1533-4880, APR 2014, vol. 14, no. 4, p. 3087-3094., WOS

[1.1] MATEJIK, D. - OLEJNIK, R. - SLOBODIAN, P. - SAHA, P. Improved selectivity of oxidized multiwall carbon nanotube network for detection of ethanol vapor. In MATERIALS AND APPLICATIONS FOR SENSORS AND TRANSDUCERS. ISSN 1013-9826, 2012, vol. 495, p. 83-86., WOS

[1.1] MEKKI, A. - SAMANTA, S. - SINGH, A. - SALMI, Z. - MAHMOUD, R. - CHEHIMI, M.M. - ASWAL, D.K. Core/shell, protuberance-free multiwalled carbon nanotube/polyaniline nanocomposites via

interfacial chemistry of aryl diazonium salts. In JOURNAL OF COLLOID AND INTERFACE SCIENCE. ISSN 0021-9797, MAR 15 2014, vol. 418, p. 185-192., WOS

[1.1] MERIAN, T. - REDON, N. - ZUJOVIC, Z. - STANISAVLJEV, D. - WOJKIEWICZ, J.L. - GIZDAVIC-NIKOLAIDIS, M. Ultra sensitive ammonia sensors based on microwave synthesized nanofibrillar polyanilines. In SENSORS AND ACTUATORS B-CHEMICAL. ISSN 0925-4005, NOV 2014, vol. 203, p. 626-634., WOS

[1.1] SHARMA, A.L. - KUMAR, P. - DEEP, A. Highly Sensitive Glucose Sensing With Multi-Walled Carbon Nanotubes - Polyaniline Composite. In POLYMER-PLASTICS TECHNOLOGY AND ENGINEERING. ISSN 0360-2559, 2012, vol. 51, no. 13, p. 1382-1387., WOS

[1.1] SINGH, A. - SALMI, Z. - JOSHI, N. - JHA, P. - KUMAR, A. - LECOQ, H. - LAU, S. - CHEHIMI, M.M. - ASWAL, D.K. - GUPTA, S.K. Photo-induced synthesis of polypyrrole-silver nanocomposite films on N-(3-trimethoxysilylpropyl)pyrrole-modified biaxially oriented polyethylene terephthalate flexible substrates. In RSC ADVANCES. ISSN 2046-2069, 2013, vol. 3, no. 16, p. 5506-5523., WOS

[1.1] WANG, Y. - HUANG, Y. - WANG, Q.F. - HE, Q. - CHEN, L. Preparation and electromagnetic properties of Polyaniline(polypyrrole)-BaFe12O19/Ni0.8Zn0.2Fe2O4 ferrite nanocomposites. In APPLIED SURFACE SCIENCE. ISSN 0169-4332, OCT 15 2012, vol. 259, p. 486-493., WOS

[1.1] YUN, J. - JEON, S. - KIM, H.I. Improvement of NO Gas Sensing Properties of Polyaniline/MWCNT Composite by Photocatalytic Effect of TiO2. In JOURNAL OF NANOMATERIALS. ISSN 1687-4110, 2013., WOS

ADCA448 LÜBBERT, D. - FERRARI, C. - MIKULÍK, P. - PERNOT, P. - HELFEN, L. - VERDI, N. - KORYTÁR, Dušan - BAUMBACH, T. Distribution and Burgers vectors of dislocations in semiconductor wafers investigated by rocking-curve imaging. In *Journal of Applied Crystallography*, 2005, vol. 38, p. 91-96. ISSN 0021-8898.

Ohlasy:

[1.1] KLUENDER, R.T. - PHILIP, A. - MEYSSONNIER, J. - BARUCHEL, J. In PHYSICA STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE. NOV 2011, vol. 208, no. 11, p. 2505-2510., WOS

[1.1] TSOUTSOUVA, M. G. - OLIVEIRA, V. A. - CAMEL, D. - TRAN THI, T. N. - BARUCHEL, J. - MARIE, B. - LAFFORD, T. A. In JOURNAL OF CRYSTAL GROWTH. SEP 1 2014, vol. 401, p. 397-403., WOS

ADCA449 LUBY, Štefan. Dielectric properties of anodic oxides formed on sputtered Ta-Al alloy films. In *Thin Solid Films*, 1976, vol. 36, p. 61-64. ISSN 0040-6090.

Ohlasy:

[1.1] KOMIYAMA, S. - TSUJI, E. - AOKI, Y. - HABAZAKI, H. - SANTAMARIA, M. - DI QUARTO, F. - SKELDON, P. - THOMPSON, G.E. In JOURNAL OF SOLID STATE ELECTROCHEMISTRY. APR 2012, vol. 16, no. 4, p. 1595-1604., WOS

ADCA450 LUPTÁK, Roman - FRÖHLICH, Karol - ROSOVÁ, Alica - HUŠEKOVÁ, Kristína - ŤAPAJNA, Milan - MACHAJDÍK, Daniel - JERGEL, Matej - ESPINOS,

J.P. - MANSILLA, C. Growth of gadolinum oxide films for advanced MOS structure. In *Microelectronic Engineering*, 2005, vol. 80, p. 154-157. ISSN 0167-9317.

Ohlasy:

[1.1] LAHA, A. - AI, B. - BABU, P.R.P. - FISSEL, A. - OSTEN, H.J. In APPLIED PHYSICS LETTERS. OCT 10 2011, vol. 99, no. 15., WOS

[1.1] YANG, S.S. - GAO, H. - WANG, Y.F. - XIN, S.Y. - HE, Y.M. - WANG, Y.Z. - ZENG, W. In MATERIALS RESEARCH BULLETIN. JAN 2013, vol. 48, no. 1, p. 37-40., WOS

ADCA451 MAGDOLENOVA, Z. - DRLIČKOVÁ, M. - HENJUM, K. - RUNDÉN-PRAN, E. - TULINSKÁ, J. - BILANICOVÁ, D. - POJANA, G. - KAZIMÍROVÁ, A. - BARANCOKOVÁ, M. - KURICOVÁ, M. - LISKOVA, A. - STARUCHOVÁ, M. - ČIAMPOR, Fedor - VÁVRA, Ivo - LORENZO, Y. - RINNA, A. - FJELLSBO, L. - VOLKOVOVÁ, K. - MARCOMINI, A. - AMIRY-MOGHADDAM, M. - DUŠINSKÁ, Mária. Coating-dependent induction of cytotoxicity and genotoxicity of iron oxide nanoparticles. In *Nanotoxicology*, 2015, vol. 9, no. S1, p. 44-56. (6.411 - IF2014). (2015 - Current Contents). ISSN 1743-5390.

Ohlasy:

[1.1] HUK, Anna - IZAK-NAU, Emilia - REIDY, Bogumila - BOYLES, Matthew - DUSCHL, Albert - LYNCH, Iseult - DUSINSKA, Maria. Is the toxic potential of nanosilver dependent on its size?. In PARTICLE AND FIBRE TOXICOLOGY. DEC 3 2014, vol. 11., WOS

[1.1] LIU, Kui - LIN, Xialu - ZHAO, Jinshun. Toxic effects of the interaction of titanium dioxide nanoparticles with chemicals or physical factors. In INTERNATIONAL JOURNAL OF NANOMEDICINE. 2013, vol. 8, p. 2509-2520., WOS

[1.1] STEVANOVIC, Magdalena. Assembly of Polymers/Metal Nanoparticles and Their Applications as Medical Devices. In BIOSENSORS NANOTECHNOLOGY. 2014, p. 37-61., WOS

ADCA452 MAHEĽ, Michal - BEŇAČKA, Štefan. Modulated microwave absorption in superconductors. In *Solid State Communications*, 1992, vol. 83, p. 615.

Ohlasy:

[1.1] RAMIREZ, J.G. - BASARAN, A.C. - DE LA VENTA, J. - PEREIRO, J. - SCHULLER, I.K. In REPORTS ON PROGRESS IN PHYSICS. SEP 2014, vol. 77, no. 9., WOS

ADCA453 MACHAJDÍK, Daniel - KOBZEV, A.P. - FRÖHLICH, Karol - CAMBEL, Vladimír. RBS and ERD study of epitaxial RuO2 films deposited on different single crystal substrates. In *Vacuum*, 2003, vol. 70, p. 313-317.

Ohlasy:

[1.1] LI, L.X. - XU, D. - YU, S.H. - DONG, L.L. - JIN, Y.X. - ZHENG, H.R. In VACUUM. NOV 2014, vol. 109, SI, p. 21-25., WOS

ADCA454 MAJCHRÁK, Peter - DÉRER, Ján - LOBOTKA, Peter - VÁVRA, Ivo - FRAIT, Z. - HORVÁTH, D. Ferromagnetic resonance study of exchange and dipolar interactions in discontinuous multilayers. In *Journal of Applied Physics*,

2007, vol. 101, art. No. 113911. (2.316 - IF2006). (2007 - Current Contents, SCOPUS). ISSN 0021-8979.

Ohlasy:

[1.1] SINGH, A.K. - MALLIK, S. - BEDANTA, S. - PERUMAL, A. In JOURNAL OF PHYSICS D-APPLIED PHYSICS. NOV 6 2013, vol. 46, no. 44., WOS

ADCA455 MAJKOVÁ, Eva - ČERVENÁK, Ján - KREMPASKÝ, Juraj - DUHAJ, Pavol. Temperature dependence of the seebeck coefficient in InSb prepared by rapid quenching. In *Physica Status Solidi B*, 1989, vol. 153, p. K147.

Ohlasy:

[1.1] LOHN, A.J. - COLEMAN, E. - TOMPA, G.S. - KOBAYASHI, N.P. In PHYSICA STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE. JAN 2012, vol. 209, no. 1, p. 171-175., WOS

[1.1] NORRIS, K.J. - ZHANG, J. - FRYAUF, D.M. - RUGAR, A. - FLORES, A. - LONGSON, T.J. - LOHN, A.J. - KOBAYASHI, N.P. In NANOEPITAXY: MATERIALS AND DEVICES IV. 2012, vol. 8467., WOS

ADCA456 MAJOROŠ, Milan - GLOWACKI, B.A. - CAMPBELL, A.M. - LEVIN, C.A. - BARNES, P.N. - POLÁK, Milan. AC losses in striated YBCO coated conductors. In *IEEE Transactions on Applied Superconductivity*, 2005, vol. 15, p. 2819-2822.

Ohlasy:

[1.1] SHIN, H.S. - DEDICATORIA, M.J. - KIM, H.S. - LEE, N.J. - HA, H.S. - OH, S.S. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 3, p. 2997-3000., WOS

ADCA457 MAJOROŠ, Milan - GLOWACKI, B.A. - CAMPBELL, A.M. Critical current anisotropy in Ag/(Pb,Bi)(2)Sr2Ca2Cu3O10+x multifilamentary tapes: influence of self-magnetic field. In *Superconductor Science and Technology*, 2001, vol. 14, p. 353-362. (1.250 - IF2000). (2001 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] GOMORY, F. In HIGH TEMPERATURE SUPERCONDUCTORS (HTS) FOR ENERGY APPLICATIONS. 2012, no. 27, p. 216-256., WOS

[1.1] GRILLI, F. - PARDO, E. - STENVALL, A. - NGUYEN, D.N. - YUAN, W.J. - GOMORY, F. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. FEB 2014, vol. 24, no. 1., WOS

ADCA458 MAJOROŠ, Milan. Hysteresis losses at a gap in a thin sheet of hard superconductor carrying alternating transport current. In *Physica C. Superconductivity and its applicacions*, 1996, vol. 272, p. 62. (1.710 - IF1995). (1996 - Current Contents, SCOPUS). ISSN 0921-4534.

Ohlasy:

[1.1] BRAMBILLA, R. - GRILLI, F. In ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND PHYSIK. JUN 2012, vol. 63, no. 3, p. 557-597., WOS

[1.1] BRAMBILLA, R. - GRILLI, F. - MARTINI, L. In APPLIED PHYSICS LETTERS. AUG 26 2013, vol. 103, no. 9., WOS

[1.1] FETISOV, S.S. - ZUBKO, V.V. - NOSOV, A.A. - POLYAKOVA, N.V. - VYSOTSKY, V.S. In SUPERCONDUCTIVITY CENTENNIAL

CONFERENCE 2011. 2012, vol. 36, p. 1319-1323., WOS
[1.1] ZUBKO, V.V. - NOSOV, A.A. - POLYAKOVA, N.V. - FETISOV, S.S. - VYSOTSKY, V.V. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 2, p. 988-990., WOS

ADCA459 MAJOROŠ, Milan. Hysteretic losses at a gap in a thin sheet of hard superconductor carrying alternating transport current. In *Physica C : Superconductivity and Its Applications*, 1996, vol. 272, p. 62. (1.710 - IF1995). (1996 - Current Contents, SCOPUS). ISSN 0921-4534.
Ohlasy:
[1.1] BRAMBILLA, R. - GRILLI, F. - MARTINI, L. In APPLIED PHYSICS LETTERS. AUG 26 2013, vol. 103, no. 9., WOS
[1.1] BRAMBILLA, R. - GRILLI, F. In ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND PHYSIK. JUN 2012, vol. 63, no. 3, p. 557-597., WOS
[1.1] FETISOV, S.S. - ZUBKO, V.V. - NOSOV, A.A. - POLYAKOVA, N.V. - VYSOTSKY, V.S. In SUPERCONDUCTIVITY CENTENNIAL CONFERENCE 2011. 2012, vol. 36, p. 1319-1323., WOS
[1.1] SOLOVYOV, M. - SOUC, J. - GOMORY, F. In 11TH EUROPEAN CONFERENCE ON APPLIED SUPERCONDUCTIVITY (EUCAS2013), PTS 1-4. 2014, vol. 507., WOS
[1.1] ZUBKO, V.V. - NOSOV, A.A. - POLYAKOVA, N.V. - FETISOV, S.S. - VYSOTSKY, V.V. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, 2, p. 988-990., WOS

ADCA460 MAJOROŠ, Milan - GLOWACKI, B.A. - CAMPBELL, A.M. Magnetic screening as a possible way to decrease transport AC losses in multifilamentary superconductors — basic theoretical considerations. In *Physica C. Superconductivity and its applicacions*, 2000, vol. 334, p. 129-140. (1.114 - IF1999). (2000 - Current Contents, SCOPUS). ISSN 0921-4534.
Ohlasy:
[1.1] KIM, J.H. - KIM, C.H. - PATIL, P. - KVITKOVIC, J. - PAMIDI, S. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, 3, p. 3230-3233., WOS
[1.1] LOUSBERG, G.P. - FAGNARD, J.F. - CHAUD, X. - AUSLOOS, M. - VANDERBEMDEN, P. - VANDERHEYDEN, B. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAR 2011, vol. 24, no. 3., WOS
[1.1] MA, G.T. - RAUH, H. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. OCT 2013, vol. 26, no. 10., WOS
[1.1] NAVAU, C. - DEL-VALLE, N. - SANCHEZ, A. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. FEB 2013, vol. 23, no. 1., WOS
[1.1] SEE, K.W. - XU, X. - HORVAT, J. - COOK, C.D. - DOU, S.X. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. NOV 2012, vol. 25, no. 11., WOS

ADCA461 MAJOROŠ, Milan - GLOWACKI, B.A. - CAMPBELL, A.M. Modelling of the influence of magnetic screening on minimisation of transport AC losses in multifilamentary superconductors. In *IEEE Transactions on Applied Superconductivity*, 2001, vol. 11, no. 1, p. 2780-2783. (0.791 - IF2000).

Ohlasy:
[1.1] AINSLIE, M.D. - YUAN, W.J. - FLACK, T.J. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 2., WOS
[1.1] LI, L.Y. - CAO, J.W. - SUN, Z.Y. - CHEN, Q.Q. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 2, p. 1131-1135., WOS

ADCA462 MAJOROŠ, Milan - JANŠÁK, Lubomil - SELLO, S. - ZANNELLA, S. Transient analysis of HTS inductive fault current limiter. In *IEEE Transactions on Applied Superconductivity*, 1997, vol. 7, p. 989. (0.763 - IF1996). (1997 - Current Contents).
Ohlasy:
[1.1] KVITKOVIC, J. - PAMIDI, S.V. - GRABER, L. - CHIOCCHIO, T. - STEURER, M. - USOSKIN, A. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2014, vol. 24, no. 3., WOS

ADCA463 MAJOROŠ, Milan - GLOWACKI, B.A. - CAMPBELL, A.M. Transport ac losses and screening properties of Bi-2223 multifilamentary tapes covered with magnetic materials. In *Physica C. Superconductivity and its applicacions*, 2000, vol. 338, p. 251-262. (1.114 - IF1999). (2000 - Current Contents, SCOPUS). ISSN 0921-4534.
Ohlasy:
[1.1] AINSLIE, M.D. - YUAN, W.J. - FLACK, T.J. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 2., WOS
[1.1] CICEK, O. - GOMORY, F. - GENCER, A. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. JAN 2011, vol. 24, no. 1-2, p. 391-394., WOS
[1.1] DEL-VALLE, N. - NAVAU, C. - SANCHEZ, A. - DINNER, R.B. In AIP ADVANCES. JUN 2012, vol. 2, no. 2., WOS
[1.1] GOMORY, F. In HIGH TEMPERATURE SUPERCONDUCTORS (HTS) FOR ENERGY APPLICATIONS. 2012, no. 27, p. 216-256., WOS
[1.1] MA, G.T. - RAUH, H. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. OCT 2013, vol. 26, no. 10., WOS

ADCA464 MAJOROŠ, Milan - GLOWACKI, B.A. - CAMPBELL, A.M. - APPERLEY, M. - DARMANN, F. Transport ac losses in (Bi, Pb)SrCaCuO-2223/Ag multifilamentary tapes with different filament arrangements. In *Physica C*, 1999, vol. 323, p. 125-136. (1.086 - IF1998). (1999 - Current Contents). ISSN 0921-4534.
Ohlasy:
[1.1] HUANG, C.G. - YONG, H.D. - ZHOU, Y.H. In JOURNAL OF LOW TEMPERATURE PHYSICS. JUL 2013, vol. 172, no. 1-2, p. 59-69., WOS

ADCA465 MALACKÝ, Lubomír - KLOCKENBRINK, R. - DARMO, Juraj - WEHMANN, H. - ZWINGE, G. - SCHLACHETZKI, A. InGaAs Schottky contacts with iron-doped InP enhacement layer. In *Journal of Physics D*, 1994, vol. 27, p. 2414.

Ohlasy:
[1.1] ASAR, T. - OZCELIK, S. - OZBAY, E. In JOURNAL OF APPLIED PHYSICS. MAR 14 2014, vol. 115, no. 10., WOS

ADCA466 MALACKÝ, Lubomír - KORDOŠ, Peter - NOVÁK, Jozef. Schottky barrier contacts on /p/ -GaInAs. In *Solid State Electronics*, 1990, vol. 33, p. 273.
Ohlasy:
[1.1] MEHARI, S. - GAVRILOV, A. - COHEN, S. - SHEKHTER, P. - EIZENBERG, M. - RITTER, D. In APPLIED PHYSICS LETTERS. AUG 13 2012, vol. 101, no. 7., WOS

ADCA467 MALACKÝ, L. - KÚDELA, Róbert - MORVIC, Marian - NOVÁK, Jozef - WEHMANN, H.H. Properties of silicon-pulse-doped InGaP layers grown by LP-MOCVD. In *Materials Science and Engineering B*, 1997, vol. 44, p. 33. (0.550 - IF1996). (1997 - Current Contents, SCOPUS). ISSN 0921-5107.
Ohlasy:
[1.1] JAKOMIN, R. - PARISINI, A. - TARRICONE, L. - LONGO, M. - FRABONI, B. - VANTAGGIO, S. In THIN SOLID FILMS. AUG 31 2012, vol. 520, no. 21, p. 6619-6625., WOS
[1.1] SCHENK, H.P.D. - BAVARD, A. - FRAYSSINET, E. - SONG, X. - CAYREL, F. - GHOULI, H. - LIJADI, M. - NAIM, L. - KENNARD, M. - CORDIER, Y. - RONDI, D. - ALQUIER, D. In APPLIED PHYSICS EXPRESS. FEB 2012, vol. 5, no. 2., WOS

ADCA468 MANKE, C. - BOISSIERE, O. - WEBER, U. - BARBAR, G. - BAUMANN, P.K. - LINDNER, J. - ŤAPAJNA, Milan - FRÖHLICH, Karol. 2D and 3D growth of Ru/RuO2 metal layers with atomic vapour deposition. In *Microelectronic Engineering*. - Amsterdam : Elsevier Science Publishers, 2006, vol. 83, p. 2277. ISSN 0167-9317.
Ohlasy:
[1.1] HONG, T.E. - CHOI, S.H. - YEO, S. - PARK, J.Y. - KIM, S.H. - CHEON, T. - KIM, H. - KIM, M.K. - KIM, H. In ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY. 2013, vol. 2, no. 3, p. P47-P53., WOS
[1.1] CHOI, C. - ANDO, T. - NARAYANAN, V. In APPLIED PHYSICS LETTERS. FEB 21 2011, vol. 98, no. 8., WOS
[1.1] SALAUN, A. - TROMMER, J. - NEWCOMB, S.B. - POVEY, I.M. - SALAUN, M. - KEENEY, L. - O'MAHONY, A. - PEMBLE, M.E. In CHEMICAL VAPOR DEPOSITION. JUN 2011, vol. 17, no. 4-6, p. 114-122., WOS
[1.1] VASILYEV, V.Y. - MOROZOVA, N.B. - IGUMENOV, I.K. In RUSSIAN CHEMICAL REVIEWS. 2014, vol. 83, no. 8, p. 758-782., WOS

ADCA469 MARSO, M. - FOX, A. - HEIDELBERG, G. - KORDOŠ, Peter - LÜTH, Hans. Comparison of AlGaN/GaN MSM varactor diodes based on HFET and MOSHEFT layer structures. In *IEEE Electron Devices Letters*, 2006, vol. 27, p. 945-947. ISSN 0741-3106.
Ohlasy:
[1.1] AL MUSTAFA, N. - GRANZNER, R. - POLYAKOV, V.M. - RACKO, J. - MIKOLASEK, M. - BREZA, J. - SCHWIERZ, F. In JOURNAL OF APPLIED PHYSICS. FEB 15 2012, vol. 111, no. 4., WOS

[1.1] DIANAT, P. - PRUSAK, R.W. - GALLO, E. - COLA, A. - PERSANO, A. - QUARANTA, F. - NABET, B. In APPLIED PHYSICS LETTERS. APR 9 2012, vol. 100, no. 15., WOS

[1.1] DIANAT, P. - PRUSAK, R.W. - QUARANTA, F. - COLA, A. - NABET, B. In 2012 IEEE COMPOUND SEMICONDUCTOR INTEGRATED CIRCUIT SYMPOSIUM (CSICS) (2012) art. no. 6340074, WOS

[1.1] DIANAT, P. - PRUSAK, R. - PERSANO, A. - COLA, A. - QUARANTA, F. - NABET, B. In IEEE TRANSACTIONS ON ELECTRON DEVICES. FEB 2014, vol. 61, no. 2, SI, p. 445-451., WOS

[1.1] FERNG, Y.C. - CHANG, L.B. - DAS, A. - LIN, C.C. - CHENG, C.Y. - KUEI, P.Y. - CHOW, L. In JAPANESE JOURNAL OF APPLIED PHYSICS. DEC 2012, vol. 51, no. 12., WOS

[1.1] GAEVSK, M. - DENG, J.Y. - GASKA, R. - SHUR, M. - SIMIN, G. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 11, NO 3-4. 2014, vol. 11, no. 3-4, p. 853-856., WOS

[1.1] SHAH, P.B. - HUNG, H.A. In MICROELECTRONICS JOURNAL. JUN 2012, vol. 43, no. 6, p. 410-415., WOS

[1.1] SHIN, S.H. - GEUM, D.M. - JANG, J.H. In IEEE ELECTRON DEVICE LETTERS. FEB 2014, vol. 35, no. 2, p. 172-174., WOS

[1.2] Chang, L.B., Wang, S.C., Lin, S.L., Das, M., Ferng, Y.C., Cheng, M.J., Chou, S.T., Chow, L. 2012 2nd International Conference on Consumer Electronics, Communications and Networks, CECNet 2012 - Proceedings (2012), art. no. 6202003 , pp. 3251, SCOPUS

[1.2] Jin, C.-Y.a, Wang, J.-Y.a , Fang, M.a, Cai, J.-B.a, Liu, Y.a, Yang, Z.a, Zhang, B.a, Wu, W.-G.a, Zhang, J.-C.b ICSICT 2012 - 2012 IEEE 11th International Conference on Solid-State and Integrated Circuit Technology, Proceedings (2012) art. no. 6467746, SCOPUS

[1.2] Liang, S., Fang, Y., Xing, D., Wang, J., Zhang, L., Yang, D., Zhang, X., Feng, Z. IEEE 12th International Conference on Solid-State and Integrated Circuit Technology, ICSICT 2014 7021212, SCOPUS

[1.2] Zhang, B., Wang, J., Li, X., Jin, C., Jiang, H., Yu, M. 2014 IEEE International Conference on Electron Devices and Solid-State Circuits, EDSSC 2014 7061127, SCOPUS

ADCA470 MARSO, M. - HEIDELBERG, G. - INDLEKOFER, K.M. - BERNÁT, J. - FOX, A. - KORDOŠ, Peter - LUTH, H. Origin of improved RF performance of AlGaN/GaN MOSHFETs compared to HFETs. In *IEEE Transactions on Electron Devices*, 2006, vol. 53, p. 1517-1523. (2006 - Current Contents). ISSN 0018-9383.

Ohlasy:

[1.1] BI, Z.W. - HAO, Y. - FENG, Q. - GAO, Z.Y. - ZHANG, J.C. - MAO, W. - ZHANG, K. - MA, X.H. - LIU, H.X. - YANG, L.A. - MEI, N. - CHANG, Y.M. In CHINESE PHYSICS LETTERS. FEB 2012, vol. 29, no. 2., WOS

[1.1] EICKELKAMP, M. - WEINGARTEN, M. - KHOSHROO, L.R. - KETTENISS, N. - BEHMENBURG, H. - HEUKEN, M. - KALISCH, H. - JANSEN, R.H. - VESCAN, A. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 8, NO 7-8. 2011, vol. 8, no. 7-8., WOS

[1.1] FENG, Q. - LI, Q. - XING, T. - WANG, Q. - ZHANG, J.C. - HAO, Y. In CHINESE PHYSICS B. JUN 2012, vol. 21, no. 6., WOS

[1.1] HAHN, H. - BEHMENBURG, H. - KETTENISS, N. - HEUKEN, M. -

KALISCH, H. - VESCAN, A. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 10, NO 5. 2013, vol. 10, no. 5, p. 840-843., WOS

[1.1] HANNA, M.J. - ZHAO, H. - LEE, J.C. In APPLIED PHYSICS LETTERS. OCT 8 2012, vol. 101, no. 15., WOS

[1.1] CHAKROUN, A. - MAHER, H. - AL ALAM, E. - SOUIFI, A. - AIMEZ, V. - ARES, R. - JAOUAD, A. In IEEE ELECTRON DEVICE LETTERS. MAR 2014, vol. 35, no. 3, p. 318-320., WOS

[1.1] CHEN, C.H. - CHIU, H.C. - CHIEN, F.T. - CHUANG, H.W. - CHANG, K.J. - GAU, Y.T. In MICROELECTRONICS RELIABILITY. NOV 2012, vol. 52, no. 11, p. 2551-2555., WOS

[1.1] KETTENISS, N. - ASKAR, A. - REUTERS, B. - NOCULAK, A. - HOLLANDER, B. - KALISCH, H. - VESCAN, A. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. MAY 2012, vol. 27, no. 5., WOS

[1.1] KIRKPATRICK, C. - LEE, B. - YANG, X.Y. - MISRA, V. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 8, NO 7-8. 2011, vol. 8, no. 7-8., WOS

[1.1] KIRKPATRICK, C.J. - LEE, B. - SURI, R. - YANG, X.Y. - MISRA, V. In IEEE ELECTRON DEVICE LETTERS. SEP 2012, vol. 33, no. 9, p. 1240-1242., WOS

[1.1] LEE, K.W. - CHEN, W.S. In ECS SOLID STATE LETTERS. 2013, vol. 2, no. 2, p. Q9-Q11., WOS

[1.1] LIU, H.Y. - CHOU, B.Y. - HSU, W.C. - LEE, C.S. - HO, C.S. In IEEE TRANSACTIONS ON ELECTRON DEVICES. DEC 2011, vol. 58, no. 12, p. 4430-4433., WOS

[1.1] LIU, H.Y. - CHOU, B.Y. - HSU, W.C. - LEE, C.S. - HO, C.S. In ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY. 2012, vol. 1, no. 4, p. Q86-Q90., WOS

[1.1] LIU, H.Y. - CHOU, B.Y. - HSU, W.C. - LEE, C.S. - SHEU, J.K. - HO, C.S. In IEEE TRANSACTIONS ON ELECTRON DEVICES. JAN 2013, vol. 60, no. 1, p. 213-220., WOS

[1.1] PARDESHI, H. - RAJ, G. - PATI, S. - MOHANKUMAR, N. - SARKAR, C.K. In SUPERLATTICES AND MICROSTRUCTURES. AUG 2013, vol. 60, p. 47-59., WOS

ADCA471 MARTAUS, Jozef - CAMBEL, Vladimír - GREGUŠOVÁ, Dagmar - KÚDELA, Róbert - FEDOR, Ján. 50-nm local anodic oxidation technology of semiconductor heterostructures. In *Journal of Nanoscience and Nanotechnology*, 2010, vol.10, p. 4448-4453. (1.435 - IF2009). (2010 - Current Contents). ISSN 1533-4880.

Ohlasy:

[1.1] CHU, H. - YUN, S. - LEE, H. In JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY. DEC 2013, vol. 13, no. 12, p. 8055-8058., WOS

ADCA472 MARTINEZ, E. - LERA, F. - MARTÍNEZ-LÓPEZ, M. - YANG, Y. - SCHLACHTER, S. - LEZZA, P. - KOVÁČ, Pavol. Quench development and propagation in metal/MgB2 conductors. In *Superconductor Science and Technology*, 2006, vol. 19, p. 143-150. (1.896 - IF2005). (2006 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:
[1.1] BAIG, T. - YAO, Z. - DOLL, D. - TOMSIC, M. - MARTENS, M. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. DEC 2014, vol. 27, no. 12., WOS
[1.1] JARVELA, J. - STENVALL, A. - MIKKONEN, R. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 3., WOS
[1.1] JARVELA, J. - STENVALL, A. - MIKKONEN, R. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. APR 2013, vol. 23, no. 2., WOS
[1.1] LEWANDOWSKA, M. - MALINOWSKI, L. In APPLIED MATHEMATICAL MODELLING. OCT 1 2014, vol. 38, no. 19-20, p. 4733-4746., WOS
[1.1] LU, W.J. - FANG, J. - LI, D. - WU, C.Y. - GUO, L.J. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. JAN 2013, vol. 484, p. 153-158., WOS
[1.1] MORANDI, A. - BRESCHI, M. - CASALI, M. - FABBRI, M. - FERDEGHINI, C. - GAMBARDELLA, U. - MALAGOLI, A. - PACE, S. - RIBANI, P.L. - ROMANO, G. - SAGGESE, A. - VIGNOLO, M. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 2., WOS

ADCA473 MARTINEZ, E. - ANGUREL, L.A. - SCHLACHTER, S. - KOVÁČ, Pavol. Transport and magnetic critical currents of Cu-stabilized monofilamentary MgB2 conductors. In *Superconductor Science and Technology*, 2009, vol. 22, 015014. (1.847 - IF2008). (2009 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.
Ohlasy:
[1.1] LI, G. - ZWAYER, J. B. - KOVACS, C. J. - SUSNER, M. A. - SUMPTION, M. D. - RINDFLEISCH, M. A. - THONG, C. J. - TOMSIC, M. - COLLINGS, E. W. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2014, vol. 24, no. 3., WOS
[1.1] LI, G.Z. - YANG, Y. - SUSNER, M.A. - SUMPTION, M.D. - COLLINGS, E.W. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. FEB 2012, vol. 25, no. 2., WOS
[1.1] MEEROVICH, V. - SOKOLOVSKY, V. - PRIKHNA, T. - GAWALEK, W. In APPLIED ELECTROMAGNETIC ENGINEERING FOR MAGNETIC, SUPERCONDUCTING AND NANO MATERIALS. 2012, vol. 721, p. 27-32., WOS
[1.1] MOTAMAN, A. - BARUA, S. - PATEL, D. - MAEDA, M. - CHEONG, K. - KIM, J. H. - DOU, S. X. - AL HOSSAIN, M. S. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. JUL 2014, vol. 27, no. 7, p. 1643-1645., WOS

ADCA474 MENGHESSO, G. - RAMPAZZO, F. - KORDOŠ, Peter - VERZELLESI, G. - ZANONI, E. Current-collapse and hot-electron-reliability characteristics of unpassivated GaN/AlGaN/GaN HEMTs. In *IEEE Transactions on Electron Devices*, 2006, vol. 53, p. 2932. (2006 - Current Contents). ISSN 0018-9383.
Ohlasy:
[1.1] BERTHET, F. - GUHEL, Y. - GUALOUS, H. - BOUDART, B. - TROLET, J.L. - PICCIONE, M. - GAQUIERE, C. In MICROELECTRONICS

RELIABILITY. SEP-NOV 2011, vol. 51, no. 9-11, SI, p. 1796-1800., WOS
[1.1] BERTHET, F. - GUHEL, Y. - GUALOUS, H. - BOUDART, B. - TROLET, J.L. - PICCIONE, M. - SBRUGNERA, V. - GRIMBERT, B. - GAQUIERE, C. In SOLID-STATE ELECTRONICS. JUN 2012, vol. 72, p. 15-21., WOS
[1.1] DOUGLAS, E.A. - CHANG, C.Y. - CHENEY, D.J. - GILA, B.P. - LO, C.F. - LU, L. - HOLZWORTH, R. - WHITING, P. - JONES, K. - VIA, G.D. - KIM, J. - JANG, S. - REN, F. - PEARTON, S.J. In MICROELECTRONICS RELIABILITY. FEB 2011, vol. 51, no. 2, p. 207-211., WOS
[1.1] HAYASHI, K. - SASAKI, H. - OISHI, T. In JAPANESE JOURNAL OF APPLIED PHYSICS. DEC 2013, vol. 52, no. 12., WOS
[1.1] CHIU, H.C. - WANG, H.C. - WU, C.H. - HUANG, F.H. - KAO, H.L. - CHIEN, F.T. In MICROELECTRONIC ENGINEERING. FEB 2014, vol. 114, p. 117-120., WOS
[1.1] IQBAL, M. - KO, P.S. - KIM, S.D. In CURRENT APPLIED PHYSICS. AUG 2014, vol. 14, no. 8, p. 1099-1104., WOS
[1.1] JIN, D. - DEL ALAMO, J.A. In MICROELECTRONICS RELIABILITY. DEC 2012, vol. 52, no. 12, p. 2875-2879., WOS
[1.1] JOH, J. - TIPIRNENI, N. - PENDHARKAR, S. - KRISHNAN, S. In 2014 IEEE INTERNATIONAL RELIABILITY PHYSICS SYMPOSIUM. 2014., WOS
[1.1] KACHI, T. In JAPANESE JOURNAL OF APPLIED PHYSICS. OCT 2014, vol. 53, no. 10., WOS
[1.1] KATAYOSE, H. - OHTA, M. - NOMOTO, K. - ONOJIMA, N. - NAKAMURA, T. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 8, NO 7-8. 2011, vol. 8, no. 7-8., WOS
[1.1] LIU, L. - KANG, T.S. - CULLEN, D.A. - ZHOU, L. - KIM, J. - CHANG, C.Y. - DOUGLAS, E.A. - JANG, S. - SMITH, D.J. - PEARTON, S.J. - JOHNSON, W.J. - REN, F. In JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B. MAY 2011, vol. 29, no. 3., WOS
[1.1] MAO, W. - YANG, C. - HAO, Y. - ZHANG, J.C. - LIU, H.X. - MA, X.H. - WANG, C. - ZHANG, J.F. - YANG, L.A. - XU, S.R. - BI, Z.W. - ZHOU, Z. - YANG, L. - WANG, H. In ACTA PHYSICA SINICA. JAN 2011, vol. 60, no. 1., WOS
[1.1] MA, T.G. - MA, X.H. - ZHANG, H.L. - CAO, M.Y. - ZHANG, K. - LI, W.W. - GUO, X. - LIAO, X.Y. - CHEN, W.W. - HAO, Y. In ACTA PHYSICA SINICA. FEB 2012, vol. 61, no. 4., WOS
[1.1] MOON, S.W. - LEE, J. - SEO, D. - JUNG, S. - CHOI, H.G. - SHIM, H. - YIM, J.S. - TWYNAM, J. - ROH, S.D. In JAPANESE JOURNAL OF APPLIED PHYSICS. AUG 2014, vol. 53, no. 8, 3., WOS
[1.1] MOREKE, J. - HODGES, C. - MEARS, L.L.E. - UREN, M.J. - RICHARDSON, R.M. - KUBALL, M. In MICROELECTRONICS RELIABILITY. MAY 2014, vol. 54, no. 5, p. 921-925., WOS
[1.1] NISHIGUCHI, K. - ASUBAR, J.T. - HASHIZUME, T. In JAPANESE JOURNAL OF APPLIED PHYSICS. JUL 2014, vol. 53, no. 7., WOS
[1.1] RAMANAN, N. - LEE, B. - MISRA, V. In IEEE TRANSACTIONS ON ELECTRON DEVICES. JUN 2014, vol. 61, no. 6, SI, p. 2012-2018., WOS
[1.1] TAJIMA, M. - HASHIZUME, T. In JAPANESE JOURNAL OF APPLIED PHYSICS. JUN 2011, vol. 50, no. 6, Part 1., WOS
[1.1] WU, Y.F. - CHEN, C.Y. - DEL ALAMO, J.A. In

MICROELECTRONICS RELIABILITY. DEC 2014, vol. 54, no. 12, p. 2668-2674., WOS

[1.1] YELURI, R. - LIU, X. - GUIDRY, M. - KOKSALDI, O.S. - LAL, S. - KIM, J. - LU, J. - KELLER, S. - MISHRA, U.K. In APPLIED PHYSICS LETTERS. DEC 1 2014, vol. 105, no. 22., WOS

[1.1] YU, C.H. - LUO, Q.Z. - LUO, X.D. - LIU, P.S. In SCIENTIFIC WORLD JOURNAL. 2013., WOS

[1.1] ZHU, C.Y. - KAYIS, C. - WU, M. - LI, X. - ZHANG, F. - AVRUTIN, V. - OZGUR, U. - MORKOC, H. In IEEE ELECTRON DEVICE LETTERS. NOV 2011, vol. 32, no. 11, p. 1513-1515., WOS

[1.1] ZHU, C.Y. - WU, M. - KAYIS, C. - ZHANG, F. - LI, X. - FERREYRA, R.A. - MATULIONIS, A. - AVRUTIN, V. - OZGUR, U. - MORKOC, H. In APPLIED PHYSICS LETTERS. SEP 3 2012, vol. 101, no. 10., WOS

[1.1] ZHU, C.Y. - WU, M. - KAYIS, C. - ZHANG, F. - LI, X. - FERREYRA, R. - AVRUTIN, V. - OZGUR, U. - MORKOC, H. In GALLIUM NITRIDE MATERIALS AND DEVICES VII. 2012, vol. 8262., WOS

[1.2] Faramehr, S., Kalna, K., Igic, P. 2014 Proceedings of the International Conference on Microelectronics, ICM 6842090, pp. 81-84, SCOPUS

[1.2] Liu, L., Kang, T.S., Cullen, D.A., Zhou, L., Kim, J., Chang, C.Y., Douglas, E.A., Jang, S., Smith, D.J., Pearton, S.J., Johnson, W.J., Ren, F. In ECS Transactions 41 (2011) , pp. 41-49, SCOPUS

[1.2] Lu, B., Palacios, T., Risbud, D., Bahl, S., Anderson, D.I. In Technical Digest - IEEE Compound Semiconductor Integrated Circuit Symposium, CSIC (2011), art. no. 6062461, SCOPUS

[1.2] Ren, F., Pearton, S.J., Liu, L., Kang, T.-S., Douglas, E.A., Chang, C.Y., Lo, C.-F., Cullen, D.A., Zhou, L., Smith, D.J. In Materials Research Society Symposium Proceedings Vol. 1396, 2012, pp 115, SCOPUS

[1.2] Xue, F. Guti Dianzixue Yanjiu Yu Jinzhan/Research on Progress in Solid State Electronics 33 (2013) 305, SCOPUS

[2.2] Faramehr, S., Igić, P., Kalna, K. 2014 Conference Proceedings - 10th International Conference on Advanced Semiconductor Devices and Microsystems, ASDAM 2014 6998668, pp. 149-152, SCOPUS

ADCA475 MEŠKO, M. - VRETENÁR, Viliam - KOTRUSZ, P. - HULMAN, M. - ŠOLTÝS, Ján - SKÁKALOVÁ, V. Carbon nanowalls synthesis by means of atmospheric dcPECVD method. In *Physica Status Solidi B*, 2012, vol. 249, no. 12, p. 2625-2628. (1.316 - IF2011). (2012 - Current Contents). ISSN 0370-1972.

Ohlasy:

[1.1] BO, Zheng - MA, Wei - WANG, Pengxiang - WU, Erka - YANG, Weicheng - YU, Kehan - ZHANG, Xiaopeng - YAN, Jianhua - CEN, Kefa. Multi-pin dc glow discharge PECVD for uniform growth of vertically oriented graphene at atmospheric pressure. In PHYSICA STATUS SOLIDI B-BASIC SOLID STATE PHYSICS. ISSN 0370-1972, 2014, vol. 251, no. 1, pp. 155., WOS

[1.1] ZHANG, Xiuyan - WU, Erka - HU, Dan - BO, Zheng - ZHU, Weiguang - YU, Kehan - YU, Chao - WANG, Zhihua - YAN, Jianhua - CEN, Kefa. Highly-branched vertically-oriented graphene nanosheets with dense open graphitic edge planes as Pt support for methanol oxidation. In PHYSICA

STATUS SOLIDI B-BASIC SOLID STATE PHYSICS. ISSN 0370-1972, 2014, vol. 251, no. 4, pp. 829., WOS

ADCA476 MIKULA, Marian - GRANČIČ, B. - ROCH, T. - PLECENIK, T. - VÁVRA, Ivo - DOBROČKA, Edmund - ŠATKA, A. - BURŠÍKOVÁ, Vilma - DRŽÍK, Milan - ZAHORAN, M. - PLECENIK, Andrej - KÚŠ, P. The influence of low-energy ion bombardment on the microstructure development and mechanical properties of TiBx coatings. In *Vacuum*, 2011, vol.85, no.9, p.866-870. (1.048 - IF2010). (2011 - Current Contents). ISSN 0042-207X.

Ohlasy:

[1.1] ERIKSSON, A.O. - TENGSTRAND, O. - LU, J. - JENSEN, J. - EKLUND, P. - ROSEN, J. - PETROV, I. - GREENE, J.E. - HULTMAN, L. Si incorporation in Ti1-xSixN films grown on TiN(001) and (001)-faceted TiN(111) columns. In SURFACE & COATINGS TECHNOLOGY. ISSN 0257-8972, OCT 25 2014, vol. 257, p. 121-128., WOS

[1.1] ZHANG, T.F. - GAN, B. - PARK, S.M. - WANG, Q.M. - KIM, K.H. Influence of negative bias voltage and deposition temperature on microstructure and properties of superhard TiB2 coatings deposited by high power impulse magnetron sputtering. In SURFACE & COATINGS TECHNOLOGY. ISSN 0257-8972, AUG 25 2014, vol. 253, p. 115-122., WOS

ADCA477 MIKULICS, M. - MARSO, M. - MANTL, S. - LÜTH, Hans - KORDOŠ, Peter. GaAs photodetectors prepared by high-energy and high-dose nitrogen implantation. In *Applied Physics Letters*, 2006, vol. 89, 091103. (4.127 - IF2005). (2006 - Current Contents, SCOPUS). ISSN 0003-6951.

Ohlasy:

[1.1] DENINGER, A. In HANDBOOK OF TERAHERTZ TECHNOLOGY FOR IMAGING, SENSING AND COMMUNICATIONS. 2013, no. 34, p. 327-373., WOS

[1.1] MEMISOGLU, G. - VARLIKLI, C. - DIKER, H. In JOURNAL OF ELECTRONIC MATERIALS. DEC 2013, vol. 42, no. 12, p. 3502-3511., WOS

ADCA478 MIKULICS, M. - STOKLAS, Roman - DADGAR, A. - GREGUŠOVÁ, Dagmar - NOVÁK, Jozef - GRÜTZMACHER, D. - KROST, A. - KORDOŠ, Peter. InAlN/GaN/Si heterostructures and field-effect transistors with lattice matched and tensely or compressively strained InAlN. In *Applied Physics Letters*, 2010, vol. 97, 173505. (3.554 - IF2009). (2010 - Current Contents, SCOPUS). ISSN 0003-6951.

Ohlasy:

[1.1] HASAN, M.T. - TOKUDA, H. - KUZUHARA, M. In APPLIED PHYSICS LETTERS. SEP 26 2011, vol. 99, no. 13., WOS

[1.1] CHEN, H.R. - YANG, L.A. - LONG, S. - HAO, Y. In JOURNAL OF APPLIED PHYSICS. MAY 21 2013, vol. 113, no. 19., WOS

[1.1] CHEN, H.R. - YANG, L.A. - HAO, Y. In JOURNAL OF APPLIED PHYSICS. AUG 21 2014, vol. 116, no. 7., WOS

[1.1] SMITH, M.D. - TAYLOR, E. - SADLER, T.C. - ZUBIALEVICH, V.Z. - LORENZ, K. - LI, H.N. - O'CONNELL, J. - ALVES, E. - HOLMES, J.D. - MARTIN, R.W. - PARBROOK, P.J. In JOURNAL OF MATERIALS CHEMISTRY C. 2014, vol. 2, no. 29, p. 5787-5792., WOS

[1.1] YANG, Y.N. - WANG, X.Q. - LU, L.W. - HUANG, C.C. - XU, F.J. - SHEN, B. In ACTA PHYSICA SINICA. SEP 2013, vol. 62, no. 17., WOS

[1.1] YU, Y.X. - LIN, Z.J. - LUAN, C.B. - LU, Y.J. - FENG, Z.H. - YANG, M. - WANG, Y.T. In CHINESE PHYSICS B. APR 2014, vol. 23, no. 4., WOS
[1.1] ZHANG, X.F. - WANG, L. - LIU, J. - WEI, L. - XU, J. In CHINESE PHYSICS B. JAN 2013, vol. 22, no. 1., WOS

ADCA479 MIKULICS, M. - KORDOŠ, Peter - GREGUŠOVÁ, Dagmar - ADAM, Roman - KOČAN, M. - WU, S. - ZHANG, J. - SOBOLEWSKI, R. - GRÜTZMACHER, D. - MARSO, M. Monolithic integration of ultrafast photodetector and MESFET in the GaN material system. In *IEEE Photonics Technology Letters*, 2011, vol. 23, p. 1189-1191. (1.987 - IF2010). (2011 - Current Contents). ISSN 1041-1135.

Ohlasy:
[1.1] LEE, C. - MATSUNO, F. - HASHIMOTO, Y. - OKADA, H. - SAWADA, K. - WAKAHARA, A. In JAPANESE JOURNAL OF APPLIED PHYSICS. APR 2012, vol. 51, no. 4, 1., WOS

ADCA480 MIKULICS, M. - MARSO, M. - LEPSA, M. - GRÜTZMACHER, D. - KORDOŠ, Peter. Output power improvement in MSM photomixers by modified finger contacts configuration. In *IEEE Photonics Technology Letters*, 2009, vol. 21, p. 146-148. (2.173 - IF2008). (2009 - Current Contents).

Ohlasy:
[1.1] DU, M.D. - SUN, J.Q. - QIN, Y. - LIAO, J.F. In CHINESE PHYSICS LETTERS. JUL 2013, vol. 30, no. 7., WOS
[1.1] KHIABANI, N. - HUANG, Y. - SHEN, Y.C. - SAJAK, A.A. In 2013 LOUGHBOROUGH ANTENNAS AND PROPAGATION CONFERENCE (LAPC). 2013, p. 307-310., WOS
[1.1] KHIABANI, N. - HUANG, Y. - GARCIA-MUNOZ, L.E. - SHEN, Y.C. - RIVERA-LAVADO, A. In IEEE TRANSACTIONS ON TERAHERTZ SCIENCE AND TECHNOLOGY. JUL 2014, vol. 4, no. 4, p. 501-508., WOS
[1.1] TANOTO, H. - TENG, J.H. - WU, Q.Y. - SUN, M. - CHEN, Z.N. - MAIER, S.A. - WANG, B. - CHUM, C.C. - SI, G.Y. - DANNER, A.J. - CHUA, S.J. In NATURE PHOTONICS. FEB 2012, vol. 6, no. 2, p. 121-126., WOS
[1.1] TANOTO, H. - TENG, J.H. - WU, Q.Y. - SUN, M. - CHEN, Z.N. - MAIER, S.A. - WANG, B. - CHUM, C.C. - SI, G.Y. - DANNER, A.J. - CHUA, S.J. In SCIENTIFIC REPORTS. OCT 8 2013, vol. 3., WOS

ADCA481 MIKULICS, M. - MARSO, M. - WU, S.C. - FOX, A. - LEPSA, M. - GRÜTZMACHER, D. - SOBOLEWSKI, R. - KORDOŠ, Peter. Sensitivity enhancement of metal-semiconductor-metal photodetectors on low-temperature-grown GaAs using alloyed contacts. In *IEEE Photonics Technology Letters*, 2008, vol. 20, p. 1054-1056. (2.015 - IF2007). (2008 - Current Contents).

Ohlasy:
[1.1] CURRIE, M. - QUARANTA, F. - COLA, A. - GALLO, E.M. - NABET, B. In APPLIED PHYSICS LETTERS. NOV 14 2011, vol. 99, no. 20., WOS
[1.1] JARZAB, P.P. - NOWAK, K. - WALCZAKOWSKI, M.J. - AUGUSTYN, L. - MIKULICS, M. - WILK, R. - WITKOWSKI, J.S. - PLINSKI, E.F. In OPTO-ELECTRONICS REVIEW. DEC 2012, vol. 20, no. 4, p. 335-339., WOS

[1.1] JARZAB, P.P. - NOWAK, K. - PLINSKI, E.F. In OPTICS COMMUNICATIONS. MAR 15 2012, vol. 285, no. 6, p. 1308-1313., WOS
[1.1] PRIETO, E.A.P. - VIZCARA, S.A.B. - SOMINTAC, A.S. - SALVADOR, A.A. - ESTACIO, E.S. - QUE, C.T. - YAMAMOTO, K. - TANI, M. In JOURNAL OF THE OPTICAL SOCIETY OF AMERICA B-OPTICAL PHYSICS. FEB 2014, vol. 31, no. 2, p. 291-295., WOS
[1.1] WANG, P. - ZHEN, Q.H. - TANG, Q. - YANG, Y.T. - GUO, L.X. - DING, K. - HUANG, F. In OPTICS EXPRESS. JUL 29 2013, vol. 21, no. 15, p. 18387-18397., WOS

ADCA482 MIKULICS, M. - MICHAEL, E. - MARSO, M. - LEPSA, M. - VAN DER HART, A. - LÜTH, Hans - DEWALD, A. - STANČEK, S. - MOZOLIK, M. - KORDOŠ, Peter. Traveling-wave photomixers fabricated on high energy nitrogen-ion-implanted GaAs. In *Applied Physics Letters*, 2006, vol. 89, p. 071103. (4.127 - IF2005). (2006 - Current Contents, SCOPUS). ISSN 0003-6951.

Ohlasy:
[1.1] DENINGER, A. In HANDBOOK OF TERAHERTZ TECHNOLOGY FOR IMAGING, SENSING AND COMMUNICATIONS. 2013, no. 34, p. 327-373., WOS
[1.1] HE, J.A. - JIANG, Y.L. - MIAO, Q.Y. - HE, J.Y. - LIU, J.S. - YAO, J.Q. In 3RD INTERNATIONAL PHOTONICS AND OPTOELECTRONICS MEETINGS (POEM 2010). 2011, vol. 276., WOS
[1.1] SU, C.W. - CHANG, Y.C. - TSAI, T.H. - CHANG, S.C. - HUANG, M.S. In THIN SOLID FILMS. MAR 31 2011, vol. 519, no. 11, p. 3739-3744., WOS
[1.1] ULBRICHT, R. - HENDRY, E. - SHAN, J. - HEINZ, T.F. - BONN, M. In REVIEWS OF MODERN PHYSICS. JUN 3 2011, vol. 83, no. 2, p. 543-586., WOS
[1.1] YANG, K. - CAO, J.Q. - HUANG, C. - JI, T. - ZHANG, Z.Y. - LIU, Q. - WU, S.W. - LIN, J. - ZHAO, H.W. - ZHU, Z.Y. In NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS. JUL 15 2013, vol. 307, p. 199-202., WOS

ADCA483 MIKULICS, M. - MICHAEL, E. - SCHIEDER, R. - STUTZKI, J. - GÜSTEN, R. - MARSO, M. - VAN DER HART, A. - BOCHEM, H.P. - LÜTH, Hans - KORDOŠ, Peter. Travelling-wave photomixer with recessed interdigitated contacts on low-temperature-grown GaAs. In *Applied Physics Letters*. - American Institute of Physics, 2006, vol. 88, p. 041118. (4.127 - IF2005). (2006 - Current Contents, SCOPUS). ISSN 0003-6951.

Ohlasy:
[1.1] DENINGER, A. In HANDBOOK OF TERAHERTZ TECHNOLOGY FOR IMAGING, SENSING AND COMMUNICATIONS. 2013, no. 34, p. 327-373., WOS
[1.1] PEYTAVIT, E. - COINON, C. - LAMPIN, J.F. In APPLIED PHYSICS EXPRESS. OCT 2011, vol. 4, no. 10., WOS
[1.1] PEYTAVIT, E. - LEPILLIET, S. - HINDLE, F. - COINON, C. - AKALIN, T. - DUCOURNAU, G. - MOURET, G. - LAMPIN, J.F. In APPLIED PHYSICS LETTERS. NOV 28 2011, vol. 99, no. 22., WOS
[1.1] YANG, K. - CAO, J.Q. - HUANG, C. - JI, T. - ZHANG, Z.Y. - LIU, Q.

- WU, S.W. - LIN, J. - ZHAO, H.W. - ZHU, Z.Y. In NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS. JUL 15 2013, vol. 307, p. 199-202., WOS

ADCA484 MITRÓOVÁ, Zuzana - TOMAŠOVIČOVÁ, Natália - TIMKO, Milan - KONERACKÁ, Martina - KOVÁČ, Jozef - JADZYN, Jan - VÁVRA, Ivo - ÉBER, Nándor - TÓTH-KATONA, Tibor - BEAUGNON, Eric - CHAUD, Xavier - KOPČANSKÝ, Peter. The sensitivity of liquid crystal doped with functionalized carbon nanotubes to external magnetic fields. In *New Journal of Chemistry*, 2011, vol. 35, no. 6, p. 1260-1264. (2.631 - IF2010). (2011 - Current Contents, WOS, SCOPUS). ISSN 1144-0546.

Ohlasy:

[1.1] GARBOVSKIY, Y.A. - GLUSHCHENKO, A.V. Liquid Crystalline Colloids of Nanoparticles: Preparation, Properties, and Applications. In SOLID STATE PHYSICS, VOL 62. 2011, vol. 62, p. 1-74., WOS

[1.1] LIU GUI-XIANG - JIN XIANG. Magneto-optical effect of TEB30A liquid crystal doped with thulium oxides. In CHINESE PHYSICS B. ISSN 1674-1056, 2014, vol. 23, no. 4, art. no. 044216., WOS

[1.1] PODOLIAK, N. - BUCHNEV, O. - BAVYKIN, D.V. - KULAK, A.N. - KACZMAREK, M. - SLUCKIN, T.J. In JOURNAL OF COLLOID AND INTERFACE SCIENCE, 2012, vol. 386, p. 158-166., WOS

[1.1] TRIPATHI, Shashank - PRAKASH, Jai - CHANDRAN, Achu - JOSHI, Tilak - KUMAR, Anil - DHAR, Ajay - BIRADAR, Ashok M. Enhanced dielectric and electro-optical properties of a newly synthesised ferroelectric liquid crystal material by doping gold nanoparticle-decorated multiwalled carbon nanotubes. In LIQUID CRYSTALS, 2013, vol. 40, no. 9, p. 1255-1262., WOS

[1.1] ZAKHLEVNYKH, A. N. - PETROV, D. A. Weak coupling effects and re-entrant transitions in ferronematic liquid crystals. In JOURNAL OF MOLECULAR LIQUIDS. ISSN 0167-7322, 2014, vol. 198, pp. 223., WOS

ADCA485 MORVIC, Marian - BOHÁČEK, Pavol - BETKO, Július - DUBECKÝ, František - HURAN, Jozef - SEKÁČOVÁ, Mária. Electrical properties of semi-insulating GaAs irradiated with neutrons. In *Nuclear Instruments and Methods in Physical Research B*, 2002, vol. 197, p. 240-246. ISSN 0168-583X.

Ohlasy:

[1.1] SEDLACKOVA, K. - ZATKO, B. - SAGATOVA, A. - NECAS, V. In NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT. MAY 1 2013, vol. 709, p. 63-67., WOS

ADCA486 MORVIC, Marian - BETKO, Július. Planar Hall effect in Hall sensors made from InP/InGaAs heterostructure. In *Sensors and Actuators A*, 2005, vol. 120, p. 130-133.

Ohlasy:

[1.1] REN, K. - MCCONNELL, C.A. - GAN, Y.X. - AFJEH, A.A. - ZHANG, L.H. In ELECTROCHIMICA ACTA. OCT 30 2013, vol. 109, p. 162-167., WOS

ADCA487 MOŠKO, Martin - VAGNER, Pavol. Born approximation versus the exact approach to carrier-impurity collisions in a one-dimensional semiconductor: Impact on the mobility. In *Physical Review B*, 1999, vol. 59, no. 16, p. R10445-R10448. (2.842 - IF1998). (1999 - Current Contents).

Ohlasy:

[1.1] BHATTACHARYA, D.P. - MIDDAY, S. - NAG, S. In SUPERLATTICES AND MICROSTRUCTURES. AUG 2014, vol. 72, p. 126-139., WOS

[1.1] ROYO, M. - BERTONI, A. - GOLDONI, G. In PHYSICAL REVIEW B. APR 11 2014, vol. 89, no. 15., WOS

[1.1] SALFI, J. - NAIR, S.V. - SAVELYEV, I.G. - BLUMIN, M. - RUDA, H.E. In PHYSICAL REVIEW B. ISSN 1098-0121, JUN 22 2012, vol. 85, no. 23., WOS

ADCA488 MOŠKO, Martin - KÁLNA, Karol. Carrier capture into a GaAs quantum well with a separate confinement region: comment on quantum and classical aspects. In *Semiconductor Science and Technology*, 1999, vol. 14, p. 790-796. (1.340 - IF1998). (1999 - Current Contents). ISSN 0268-1242.

Ohlasy:

[1.1] KHALIL, H.M. - BALKAN, N. In NANOSCALE RESEARCH LETTERS. JAN 13 2014, vol. 9., WOS

[1.1] KOZIOL, Z. - MATUKHIN, S.I. - BUDULEVA, E.A. In OPTICA APPLICATA. 2014, vol. 44, no. 1, p. 135-146., WOS

ADCA489 MOŠKO, Martin - MOŠKOVÁ, Antónia - CAMBEL, Vladimír. Carrier-carrier scattering in photoexcited intrinsic GaAs quantum wells and its effect on femtosecond plasma thermalization. In *Physical Review B*, 1995, vol. 51, p. 16860-16866.

Ohlasy:

[1.1] FREEMAN, W. In TERAHERTZ PHYSICS, DEVICES, AND SYSTEMS V: ADVANCE APPLICATIONS IN INDUSTRY AND DEFENSE. 2011, vol. 8023., WOS

[1.1] FREEMAN, W. - KARUNASIRI, G. In PHYSICAL REVIEW B. ISSN 1098-0121, MAY 29 2012, vol. 85, no. 19., WOS

[1.1] JIRAUSCHEK, C. - KUBIS, T. In APPLIED PHYSICS REVIEWS. MAR 2014, vol. 1, no. 1., WOS

[1.1] LU, I.L. - WU, Y.R. - SINGH, J. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 8, NO 7-8. 2011, vol. 8, no. 7-8., WOS

ADCA490 MOŠKO, Martin - VAGNER, Pavol - BAJDICH, M. - SCHAEPERS, Th. Coherent "metallic" resistance and medium localization in a disordered one-dimensional insulator. In *Physical Review Letters*, 2003, vol. 91, p. 136803. (7.323 - IF2002). (2003 - Current Contents, WOS, SCOPUS). ISSN 0031-9007.

Ohlasy:

[1.1] BHATTACHARYA, D.P. - MIDDAY, S. - NAG, S. In SUPERLATTICES AND MICROSTRUCTURES. AUG 2014, vol. 72, p. 126-139., WOS

[1.1] CAMJAYI, A. - ARRACHEA, L. In PHYSICAL REVIEW B. DEC 26 2012, vol. 86, no. 23., WOS

ADCA491 MOŠKO, Martin - MOŠKOVÁ, Antónia. Ensemble Monte Carlo simulation of electron-electron scattering: improvements of conventional methods. In *Physical Review B*, 1991, vol. 44, p. 10794-10803.

Ohlasy:

[1.1] BISHNOI, B. - HIRANANDANI, D. - SALIMATH, A. - NANDAL, V. - GHOSH, B. In 2012 10TH IEEE INTERNATIONAL CONFERENCE ON SEMICONDUCTOR ELECTRONICS (ICSE). 2012, p. 69-72., WOS

[1.1] GHOSH, B. - KATIYAR, S. - SALIMATH, A. In AIP ADVANCES. JAN 2014, vol. 4, no. 1., WOS

[1.1] HUTHMACHER, K. - MEDVEDEV, N. - RETHFELD, B. In DAMAGE TO VUV, EUV, AND X-RAY OPTICS IV; AND EUV AND X-RAY OPTICS: SYNERGY BETWEEN LABORATORY AND SPACE III. 2013, vol. 8777., WOS

[1.1] KAMRA, A. - GHOSH, B. In JOURNAL OF APPLIED PHYSICS. JAN 15 2011, vol. 109, no. 2., WOS

[1.1] KATIYAR, S. - GHOSH, B. - SALIMATH, A. In JOURNAL OF COMPUTATIONAL AND THEORETICAL NANOSCIENCE. SEP 2014, vol. 11, no. 9, p. 1983-1986., WOS

[1.1] SPEZIA, S. - ADORNO, D.P. - PIZZOLATO, N. - SPAGNOLO, B. In EPL. NOV 2013, vol. 104, no. 4., WOS

[1.1] WILLIS, K.J. - HAGNESS, S.C. - KNEZEVIC, I. In JOURNAL OF APPLIED PHYSICS. SEP 15 2011, vol. 110, no. 6., WOS

[1.2] Ghosh, B., Gupta, A.: Journal of Low Power Electronics 10 (2014), pp. 365-367, SCOPUS

ADCA492 MOŠKO, Martin - MUNZAR, D. - VAGNER, Pavol. Excitonic effects in free-standing ultrathin GaAs films. In *Physical Review B*, 1997, vol. 55, p. 15 416. (2.975 - IF1996). (1997 - Current Contents).

Ohlasy:

[1.1] ARULMOZHI, M. - ANITHA, A. In SUPERLATTICES AND MICROSTRUCTURES. NOV 2014, vol. 75, p. 222-232., WOS

[1.1] BENCHAMEKH, R. - GIPPIUS, N.A. - EVEN, J. - NESTOKLON, M.O. - JANCU, J.M. - ITHURRIA, S. - DUBERTRET, B. - EFROS, A. - VOISIN, P. In PHYSICAL REVIEW B. JAN 13 2014, vol. 89, no. 3., WOS

[1.1] EL MOUSSAOUY, A. - OUCHANI, N. In PHYSICA B-CONDENSED MATTER. MAR 1 2014, vol. 436, p. 26-32., WOS

[1.1] Mahler, B. - Nadal, B. - Bouet, C. - Patriarche, G. - Dubertret, B.: Core/shell colloidal semiconductor nanoplatelets. In: Journal of the American Chemical Society, Vol. 134, No. 45, 2012, s. 18591-18598, WOS

[1.1] NICULESCU, E.C. In JOURNAL OF LUMINESCENCE. ISSN 0022-2313, MAR 2012, vol. 132, no. 3, p. 585-591., WOS

[1.1] Robert, C., Cornet, C., Turban, P., Nguyen Thanh, T., Nestoklon, M.O., Even, J., Jancu, J.M., Perrin, M., Folliot, H., Rohel, T., Tricot, S., Balocchi, A., Lagarde, D., Marie, X., Bertru, N., Durand, O., Le Corre, A. In Physical Review B - Condensed Matter and Materials Physics Volume 86, 2012, Article number205316, WOS

ADCA493 MOŠKO, Martin - NÉMETH, Radoslav - KRČMÁR, Roman - INDLEKOFER, K.M. Luttinger liquid and persistent current in a continuous

mesoscopic ring with a weak link. In *Physical Review B*, 2009, vol. 79, art. no. 245323. (3.322 - IF2008). (2009 - Current Contents, WOS, SCOPUS). ISSN 1098-0121.

Ohlasy:

[1.1] DAJKA, J. - PTOK, A. - LUCZKA, J. In JOURNAL OF PHYSICS-CONDENSED MATTER. DEC 12 2012, vol. 24, no. 49., WOS

[1.1] SHAKOURI, K. - ESMAEILZADEH, M. - SZAFRAN, B. - SALEHANI, H.K. In JOURNAL OF PHYSICS-CONDENSED MATTER. JUN 8 2011, vol. 23, no. 22., WOS

ADCA494 MOŠKO, Martin - MOŠKOVÁ, Antónia. Photoexcited spin-polarized carriers in GaAs quantum wells: Monte Carlo study of exchange carrier-carrier scattering. In *Semiconductor Science and Technology*, 1994, vol. 9, p. 478. (1.530 - IF1993). (1994 - Current Contents). ISSN 0268-1242.

Ohlasy:

[1.1] JIRAUSCHEK, C. - KUBIS, T. In APPLIED PHYSICS REVIEWS. MAR 2014, vol. 1, no. 1., WOS

[1.1] WILLIS, K.J. - HAGNESS, S.C. - KNEZEVIC, I. In JOURNAL OF APPLIED PHYSICS. SEP 15 2011, vol. 110, no. 6., WOS

ADCA495 MOŠKOVÁ, Antónia - MOŠKO, Martin. Exchange carrier-carrier scattering of photoexcited spin-polarized carriers in GaAs quantum wells: Monte Carlo study. In *Physical Review B*, 1994, vol. 49, p. 7443.

Ohlasy:

[1.1] GIRDHAR, A. - LEBURTON, J.P. In APPLIED PHYSICS LETTERS. JUL 25 2011, vol. 99, no. 4., WOS

[1.1] KIRK, A.P. - FISCHETTI, M.V. In PHYSICAL REVIEW B. ISSN 1098-0121, OCT 22 2012, vol. 86, no. 16., WOS

[1.1] MARCHETTI, G. - HODGSON, M. - D'AMICO, I. In JOURNAL OF APPLIED PHYSICS. OCT 28 2014, vol. 116, no. 16., WOS

[1.1] SLINGERLAND, P. - BAIRD, C. - GILES, R.H. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. ISSN 0268-1242, JUN 2012, vol. 27, no. 6., WOS

[1.1] SPEZIA, S. - ADORNO, D.P. - PIZZOLATO, N. - SPAGNOLO, B. In EPL. NOV 2013, vol. 104, no. 4., WOS

ADCA496 MOŠKOVÁ, Antónia - MOŠKO, Martin. Phase-shift analysis of two-dimensional carrier-carrier scattering in GaAs and GaN: Comparison with Born and classical approximations. In *Physical Review B*, 2000, vol. 61, p. 3048-3059. (3.008 - IF1999). (2000 - Current Contents). ISSN 1098-0121.

Ohlasy:

[1.1] MARCHETTI, G. - HODGSON, M. - D'AMICO, I. In JOURNAL OF APPLIED PHYSICS. OCT 28 2014, vol. 116, no. 16., WOS

ADCA497 MOŠKOVÁ, Antónia - MOŠKO, Martin - TÓBIK, Jaroslav. Theoretical study of persistent current in a nanoring made of a band insulator. In *Physica status solidi B. Basic solid state physics*, 2013, vol. 250, p. 147-159. (1.489 - IF2012). (2013 - Current Contents). ISSN 0370-1972.

Ohlasy:
[1.1] SHYU, F.L. In SOLID STATE COMMUNICATIONS. JUN 2014, vol. 188, p. 53-60., WOS

ADCA498 MUDROŇ, J. - MÜLLEROVÁ, J. - DUBECKÝ, František. Optical properties of semi-insulating GaAs irradiated by neurons. In *Solid-State Electronics*, 1998, vol. 42, p. 243-246. (0.500 - IF1997). (1998 - Current Contents). ISSN 0038-1101.
Ohlasy:
[1.2] Jiao, J., Tan, M., Zhao, M., Chang, J. Journal of Semiconductors 33 (2012) , art. no. 094006, SCOPUS

ADCA499 MUNZAR, L. - DOBROČKA, Edmund - VÁVRA, Ivo - KÚDELA, Róbert - HARVANKA, M. - CHRISTENSEN, E.E. Antiphasing mechanism of ordered InGaP layers grown on GaAs. In *Physical Review B*, 1998, vol. 57, p. 4642-4648. (2.880 - IF1997). (1998 - Current Contents).
Ohlasy:
[1.1] VYAS, P.S. - GAJJAR, P.N. - THAKORE, B.Y. - JANI, A.R. In PHYSICA B-CONDENSED MATTER. DEC 1 2011, vol. 406, no. 23, p. 4412-4416., WOS
[1.1] VYAS, P.S. - GAJJAR, P.N. - JANI, A.R. In 18TH APS-SCCM AND 24TH AIRAPT, PTS 1-19. 2014, vol. 500., WOS

ADCA500 MURAKAMI, K. - ROMMEL, M. - HUDEC, Boris - ROSOVÁ, Alica - HUŠEKOVÁ, Kristína - DOBROČKA, Edmund - RAMMULA, R. - KASIKOV, A. - HAN, J.H. - LEE, W. - SONG, S.J. - PASKALEVA, A. - BAUER, A.J. - FREY, L. - FRÖHLICH, Karol - AARIK, J. - HWANG, C.S. Nanoscale characterization of TiO2 films grown by atomic layer deposition on RuO2 electrodes. In *ACS Applied Materials & Interfaces*, 2014, vol. 6, p. 2486. (5.900 - IF2013). (2014 - Current Contents). ISSN 1944-8244.
Ohlasy:
[1.1] AZEVEDO, J. - STEIER, L. - DIAS, P. - STEFIK, M. - SOUSA, C.T. - ARAUJO, J.P. - MENDES, A. - GRAETZEL, M. - TILLEY, S.D. In ENERGY & ENVIRONMENTAL SCIENCE. 2014, vol. 7, no. 12, p. 4044-4052., WOS
[1.1] JEON, W. - YOO, S. - KIM, H.K. - LEE, W. - AN, C.H. - CHUNG, M.J. - CHO, C.J. - KIM, S.K. - HWANG, C.S. In ACS APPLIED MATERIALS & INTERFACES. DEC 20 2014, vol. 6, no. 23, p. 21632-21637., WOS

ADCA501 MURPHY, J. - MULLINS, J.M. - BARNES, P.N. - HAUGAN, T.J. - LEVIN, G.A. - MAJOROŠ, Milan - SUMPTION, M.D. - COLLINGS, E.W. - POLÁK, Milan - MOZOLA, Pavol. Experiment setup for calorimetric measurements of losses in HTS coils due to AC current and external magnetic fields. In *IEEE Transactions on Applied Superconductivity*, 2013, vol. 23, p. 4701505. (1.199 - IF2012). (2013 - Current Contents, SCOPUS). ISSN 1051-8223.
Ohlasy:
[1.1] NGUYEN, D.N. - KIM, C.H. - KIM, J.H. - PAMIDI, S. - ASHWORTH, S.P. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. SEP 2013, vol. 26, no. 9., WOS

ADCA502 NEČAS, V. - LY ANH, T. - SEKÁČOVÁ, Mária - DARMO, Juraj - DUBECKÝ, František - PERĎOCHOVÁ, A. Investigation of performance of

semi-insulating GaAs detectors irradiated by high ç doses. In *Nuclear Instruments and Methods in Physics Research A*, 2001, vol. 458, p. 348-351. ISSN 0168-9002.

Ohlasy:

[1.1] ABHIRAMI, K.M. - SATHYAMOORTHY, R. - ASOKAN, K. In RADIATION PHYSICS AND CHEMISTRY. OCT 2013, vol. 91, p. 35-39., WOS

[1.1] KHAMARI, S.K. - DIXIT, V.K. - GANGULI, T. - PORWAL, S. - SINGH, S.D. - KHER, S. - SHARMA, R.K. - OAK, S.M. In NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS. FEB 1 2011, vol. 269, no. 3, p. 272-276., WOS

[1.1] KUMARI, M. - RANA, P. - CHAUHAN, R.P. In NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT. JUL 21 2014, vol. 753, p. 116-120., WOS

ADCA503 NÉMETH, Radoslav - MOŠKO, Martin. One-dimensional ring with Kronig–Penney periodic potential: Persistent currents at full filling. In *Physica E*, 2008, vol. 40, p. 1498-1500. (0.830 - IF2007).

Ohlasy:

[1.1] XIAO, S.L. - YANG, X.B. - CAI, L.Z. - LIU, T.C. In EUROPEAN PHYSICAL JOURNAL B. MAR 2013, vol. 86, no. 3., WOS

ADCA504 NISHIHA, A. - TAKA, C. - CHROMIK, Štefan - DURNÝ, R. Critical properties of MgB2 thin films on NbN/Si substrate under perpendicular magnetic fields. In *Physica C. Superconductivity and its applicacions*, 2005, vol. 426-431, p. 340-344. (1.072 - IF2004). (2005 - Current Contents, SCOPUS). ISSN 0921-4534.

Ohlasy:

[1.2] KARMAKAR, M., Dey, B.: In Superconductivity: Theory, Materials and Applications. Ed. V. R. Romanovskii. Nova Science Pub Inc 2011. ISBN 1-61324-843-1. P. 437-490, SCOPUS

ADCA505 NOVÁK, Jozef - ELIÁŠ, Peter. A silicon-InGaAs tandem photodetector for radiation thermometry. In *Measurement Science and Technology*, 1995, vol. 6, p. 1547-1549.

Ohlasy:

[1.1] ZHOU, X.X. - HOBBS, M.J. - WHITE, B.S. - DAVID, J.P.R. - WILLMOTT, J.R. - TAN, C.H. In IEEE TRANSACTIONS ON ELECTRON DEVICES. MAR 2014, vol. 61, no. 3, p. 838-843., WOS

ADCA506 NOVÁK, Jozef - VÁVRA, Ivo - KRIŽANOVÁ, Zuzana - HASENÖHRL, Stanislav - ŠOLTÝS, Ján - REIFFERS, Marián - ŠTRICHOVANEC, Pavol. Dependence of Curie temperature on the surface strain in InMnAs epitaxial structures. In *Applied Surface Science*, 2010, vol. 256, no. 18, p. 5672-5675. (1.616 - IF2009). (2010 - Current Contents). ISSN 0169-4332.

Ohlasy:

[1.1] BOURAVLEUV, A. - SAPEGA, V. - NEVEDOMSKII, V. - KHREBTOV, A. - SAMSONENKO, Y. - CIRLIN, G. In APPLIED PHYSICS LETTERS. DEC 8 2014, vol. 105, no. 23, art. no. 232101., WOS

[1.1] BOURAVLEUV, A.D. - NEVEDOMSKII, V.N. - UBYIVOVK, E.V. -

SAPEGA, V.F. - KHREBTOV, A.I. - SAMSONENKO, Y.B. - CIRLIN, G.E. - USTINOV, V.M. In SEMICONDUCTORS. AUG 2013, vol. 47, no. 8, p. 1037-1040., WOS

ADCA507 NOVÁK, Jozef - HASENÖHRL, Stanislav - KÚDELA, Róbert - KUČERA, Michal - ALONSO, M.I. - GARRIGA, M. Effect of strain and ordering on the band-gap energy of InGaP. In *Materials Science and Engineering*. B.Solid-State Materials for Advanced Technology, 2002, vol. 88, p. 139-142. (1.022 - IF2001). (2002 - Current Contents, SCOPUS). ISSN 0921-5107.

Ohlasy:

[1.1] JAKOMIN, R. - PARISINI, A. - TARRICONE, L. - LONGO, M. - FRABONI, B. - VANTAGGIO, S. In THIN SOLID FILMS. AUG 31 2012, vol. 520, no. 21, p. 6619-6625., WOS

ADCA508 NOVÁK, Jozef - ŠOLTÝS, Ján - ELIÁŠ, Peter - HASENÖHRL, Stanislav - STOKLAS, Roman - LAURENČÍKOVÁ, Agáta - MIKULICS, M. Electrical properties of individual GaP nanowires doped by zinc. In *Physica status solidi A. Applications and materials science*, 2012, vol. 209, p. 2505-2509. (1.463 - IF2011). (2012 - Current Contents). ISSN 1862-6300.

Ohlasy:

[1.1] JIANG, H.B. - PAN, L.F. - LIU, P.F. - FANG, W.Q. - YANG, H.G. In CHINESE SCIENCE BULLETIN. JUN 2014, vol. 59, no. 18, SI, p. 2135-2143., WOS

[1.1] TOMIOKA, K. - FUKUI, T. In JOURNAL OF PHYSICS D-APPLIED PHYSICS. OCT 1 2014, vol. 47, no. 39, SI., WOS

[1.1] WALLENTIN, J. - KRIEGNER, D. - STANGL, J. - BORGSTROM, M.T. In NANO LETTERS. APR 2014, vol. 14, no. 4, p. 1707-1713., WOS

ADCA509 NOVÁK, Jozef - HASENÖHRL, Stanislav - VÁVRA, Ivo - KUČERA, Michal. Influence of surface strain on the MOVPE growth on InGaP epitaxial lazers. In *Applied Physics A-Materials Science & Processing*, 2007, vol. 87, p. 511-516. (1.739 - IF2006). (2007 - Current Contents). ISSN 0947-8396.

Ohlasy:

[1.1] BITTNER, Z.S. - FORBES, D.V. - BAILEY, C.G. - POLLY, S.J. - SLOCUM, M.A. - KERESTES, C. - HUBBARD, S.M. In 2012 38TH IEEE PHOTOVOLTAIC SPECIALISTS CONFERENCE (PVSC). 2012, p. 3158-3161., WOS

[1.1] NAKANO, T. - SHIODA, T. - ENOMOTO, N. - ABE, E. - SUGIYAMA, M. - NAKANO, Y. - SHIMOGAKI, Y. In JOURNAL OF CRYSTAL GROWTH. MAY 15 2012, vol. 347, no. 1, p. 25-30., WOS

ADCA510 NOVÁK, Jozef - HASENÖHRL, Stanislav - ALONSO, M.I. - GARRIGA, M. Influence of tensile and compressive strain on the band gap energy of ordered InGaP. In *Applied Physics Letters*, 2001, vol. 79, p. 2758-2760. (3.906 - IF2000). ISSN 0003-6951.

Ohlasy:

[1.1] HUSSEIN, M. T. - KASIM, T. - ABDULSATTAR, M. A. In INDIAN JOURNAL OF PHYSICS. NOV 2013, vol. 87, no. 11, p. 1079-1085., WOS

[1.1] KINACI, B. - OZEN, Y. - KIZILKAYA, K. - ASAR, T. - CETIN, S.S. - BOYALI, E. - OZTURK, M.K. - MEMMEDLI, T. - OZCELIK, S. In

JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS. APR 2013, vol. 24, no. 4, p. 1375-1381., WOS

[1.2] Khan, H.A., Rezazadeh, A.A., Zhang, Y.: IEEE Journal of Quantum Electronics 50 (2014), 6939662, pp. 1044-1051, SCOPUS

[1.2] Zhang, Y., Rezazadeh, A.A., Khan, H.A., Sinulingga, E.P., Kyabaggu, P.B., Alim, M.A.: European Microwave Week 2014: Connecting the Future, EuMW 2014 - Conference Proceedings; EuMC 2014: 44th European Microwave Conference 15 December 2014, Article number 6986486, p. 524-527, SCOPUS

ADCA511 NOVÁK, Jozef - TELEK, P. - VÁVRA, Ivo - HASENÖHRL, Stanislav - REIFFERS, Marián. MOVPE growth and properties of light emitting diodes with an incorporated InMnAs ferromagnetic layer. In *Journal of Crystal Growth*, 2011, vol. 315, no. 1, p. 78-81. (1.746 - IF2010). (2011 - Current Contents, WOS, SCOPUS). ISSN 0022-0248.

Ohlasy:

[1.1] DOROKHIN, M.V. - DANILOV, Y.A. - KUDRIN, A.V. - MALYSHEVA, E.I. - PROKOF'EVA, M.M. - ZVONKOV, B.N. In MAGNETISM AND MAGNETIC MATERIALS V. 2012, vol. 190, p. 89-92., WOS

[1.1] PUDIS, D. - SUSLIK, L. - SKRINIAROVA, J. - KOVAC, J. - KOVAC, J. - KUBICOVA, I. - MARTINCEK, I. - HASCIK, S. - SCHAAF, P. In APPLIED SURFACE SCIENCE. MAR 15 2013, vol. 269, p. 161-165., WOS

ADCA512 NOVÁK, Jozef - HASENÖHRL, Stanislav - KÚDELA, Róbert - KUČERA, Michal. Resistivity anisotropy in ordered InGaP grown at 640řC. In *Applied Physics Letters*, 1998, vol. 73, p. 369-371. (3.033 - IF1997). (1998 - Current Contents, SCOPUS). ISSN 0003-6951.

Ohlasy:

[1.1] JAKOMIN, R. - PARISINI, A. - TARRICONE, L. - LONGO, M. - FRABONI, B. - VANTAGGIO, S. In THIN SOLID FILMS. AUG 31 2012, vol. 520, no. 21, p. 6619-6625., WOS

ADCA513 NOVÁK, Jozef - HASENÖHRL, Stanislav - VÁVRA, Ivo - KUČERA, Michal. Spinodal-like decomposition of InGaP epitaxial layers grown on GaP substrates. In *Applied Surface Science*. - Amsterdam : Elsevier Science, 2006, vol. 252, p. 4178-4184. (2006 - Current Contents). ISSN 0169-4332.

Ohlasy:

[1.1] FELDMAN, E.P. - STEFANOVICH, L.I. - TEREKHOVA, Y.V. In PHYSICAL REVIEW E. JUN 13 2014, vol. 89, no. 6., WOS

ADCA514 NOVÁK, Jozef - KRIŽANOVÁ, Zuzana - VÁVRA, Ivo - ELIÁŠ, Peter - HASENÖHRL, Stanislav - LAURENČÍKOVÁ, Agáta - NOVOTNÝ, I. - KOVÁČ, J. - ŠUTTA, P. - MIKULICS, M. Structural and optical properties of individual GaP/ZnO core-shell nanowires. In *Vacuum*, 2013, vol. 98, p. 106-110. (1.530 - IF2012). (2013 - Current Contents). ISSN 0042-207X.

Ohlasy:

[1.1] CHEE, C.Y. - NADARAJAH, K. - SIDDIQUI, M.K. - WONG, Y. In CERAMICS INTERNATIONAL. AUG 2014, vol. 40, no. 7, A, p. 9997-10004., WOS

[1.1] KARUNAKARAN, C. - VINAYAGAMOORTHY, P. - JAYABHARATHI, J. In POWDER TECHNOLOGY. MAR 2014, vol. 254, p. 480-487., WOS

ADCA515 NOVÁK, Jozef - ŠOLTÝS, Ján - ELIÁŠ, Peter - HASENÖHRL, Stanislav - VÁVRA, Ivo. Study of the growth and structural properties of InMnAs dots grown on high-index surfaces by MOVPE. In *Materials science in semiconductor processing*, 2010, vol. 13, p. 167-172. (0.388 - IF2009). (2010 - Current Contents). ISSN 1369-8001.

Ohlasy:

[1.1] BOURAVLEUV, A.D. - NEVEDOMSKII, V.N. - UBYIVOVK, E.V. - SAPEGA, V.F. - KHREBTOV, A.I. - SAMSONENKO, Y.B. - CIRLIN, G.E. - USTINOV, V.M. In SEMICONDUCTORS. AUG 2013, vol. 47, no. 8, p. 1037-1040., WOS

ADCA516 NOVÁK, Jozef - MORVIC, Marian - BETKO, Július - FÖRSTER, A. - KORDOŠ, Peter. Wet chemical separation of low-temperature GaAs layers from their GaAs substrate. In *Materials Science and Engineering B*, 1996, vol. 40, p. 58. (1996 - Current Contents). ISSN 0921-5107.

Ohlasy:

[1.1] RENTERIA, E.J. - AHIRWAR, P. - CLARK, S.P.R. - ROMERO, O.S. - ADDAMANE, S. - HAINS, C.P. - ROTTER, T.J. - DAWSON, L.R. - LAVROVA, O. - LESTER, L.F. - BALAKRISHNAN, G. In 2013 IEEE 39TH PHOTOVOLTAIC SPECIALISTS CONFERENCE (PVSC). 2013, p. 2459-2461., WOS

ADCA517 OBOŇA, Jozef Vincenc - CHROMIK, Štefan - ŠPANKOVÁ, Marianna - ÖSZI, Zsolt - KOSTIČ, Ivan. C-60 films as etching masks for creation of micrometer and submicrometer YBa2Cu3O7 structures. In *Physica C*.Superconductivity and Its Applications. - Amsterdam : Elsevier Science, 2006, vol. 435, p. 37-40. (0.948 - IF2005). (2006 - Current Contents, WOS, SCOPUS). ISSN 0921-4534.

Ohlasy:

[1.1] ZHANG, Huangli - ZHAO, Gaoyang. Photosensitive YBCO gel film and its patterning by sol-gel process. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. ISSN 0921-4534, 2012, vol. 472, no. 1, pp. 92-94., WOS

ADCA518 OSTERMAIER, C. - POZZOVIVO, G. - BASNAR, B. - SCHRENK, W. - CARLIN, J.-F. - GONSCHOREK, M. - GRANDJEAN, N. - VINCZE, A. - TÓTH, L. - PÉCZ, B. - STRASSER, G. - POGANY, D. - KUZMÍK, Ján. Characterization of plasma-induced damage of selectively recessed GaN/InAlN/AlN/GaN heterostructures using SiCl4 and SF6. In *Japanese Journal of Applied Physics*, 2010, vol. 49, art. no. 116506. (1.138 - IF2009). ISSN 0021-4922.

Ohlasy:

[1.1] LEE, D.S. - CHUNG, J.W.W. - WANG, H. - GAO, X. - GUO, S.P. - FAY, P. - PALACIOS, T. In IEEE ELECTRON DEVICE LETTERS. JUN 2011, vol. 32, no. 6, p. 755-757., WOS

ADCA519 OSTERMAIER, C. - POZZOVIVO, G. - BASNAR, B. - SCHRENK, W. - SCHMID, M. - TÓTH, L. - PÉCZ, B. - CARLIN, J.-F. - GONSCHOREK, M. - GRANDJEAN, N. - STRASSER, G. - POGANY, D. - KUZMÍK, Ján. Metal-related gate sinking due to interfacial oxygen layer in Ir/InAlN high electron mobility transistors. In *Applied Physics Letters*, 2010, vol. 96, 263515. (3.554 - IF2009). (2010 - Current Contents, SCOPUS). ISSN 0003-6951.

Ohlasy:

[1.1] LI, L.A. - KISHI, A. - SHIRAISHI, T. - JIANG, Y. - WANG, Q.P. - AO, J.P. - OHNO, Y. In JAPANESE JOURNAL OF APPLIED PHYSICS. NOV 2013, vol. 52, no. 11, 2, SI., WOS

[1.1] VALLO, M. - LALINSKY, T. - DOBROCKA, E. - VANKO, G. - VINCZE, A. - RYGER, I. In APPLIED SURFACE SCIENCE. FEB 15 2013, vol. 267, p. 159-163., WOS

[1.1] WANG, R.H. - SAUNIER, P. - TANG, Y. - FANG, T.A. - GAO, X.A. - GUO, S.P. - SNIDER, G. - FAY, P. - JENA, D. - XING, H.L. In IEEE ELECTRON DEVICE LETTERS. MAR 2011, vol. 32, no. 3, p. 309-311., WOS

ADCA520 OSTERMAIER, C. - POZZOVIVO, G. - CARLIN, J.-F. - BASNAR, B. - SCHRENK, W. - DOUVRY, Y. - GAQUIERE, C. - ČIČO, Karol - FRÖHLICH, Karol - GONSCHOREK, M. - GRANDJEAN, N. - STRASSER, G. - POGANY, D. - KUZMÍK, Ján. Ultrathin InAlN/AlN barrier HEMT with high performance in normally off operation. In *IEEE Electron Devices Letters*, 2009, vol. 30, p. 1030-1032. (3.049 - IF2008). (2009 - Current Contents). ISSN 0741-3106.

Ohlasy:

[1.1] ADAK, S. - SARKAR, A. - SWAIN, S. - PARDESHI, H. - PATI, S.K. - SARKAR, C.K. In SUPERLATTICES AND MICROSTRUCTURES. NOV 2014, vol. 75, p. 347-357., WOS

[1.1] AKAZAWA, M. - GAO, B. - HASHIZUME, T. - HIROKI, M. - YAMAHATA, S. - SHIGEKAWA, N. In JOURNAL OF APPLIED PHYSICS. JAN 1 2011, vol. 109, no. 1., WOS

[1.1] AKAZAWA, M. - GAO, B. - HASHIZUME, T. - HIROKI, M. - YAMAHATA, S. - SHIGEKAWA, N. In APPLIED PHYSICS LETTERS. APR 4 2011, vol. 98, no. 14., WOS

[1.1] AKAZAWA, M. - GAO, B. - HASHIZUME, T. - HIROKI, M. - YAMAHATA, S. - SHIGEKAWA, N. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 9, NO 3-4. 2012, vol. 9, no. 3-4, p. 592-595., WOS

[1.1] ANDERSON, T. - KOEHLER, A. - HWANG, Y.H. - HSIEH, Y.L. - LI, S. - REN, F. - JOHNSON, J.W. - PEARTON, S.J. In JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B. SEP 2014, vol. 32, no. 5., WOS

[1.1] FREEDSMAN, J.J. - WATANABE, A. - ITO, T. - EGAWA, T. In APPLIED PHYSICS EXPRESS. OCT 2014, vol. 7, no. 10., WOS

[1.1] FREEDSMAN, J.J. - WATANABE, A. - EGAWA, T. In 2014 72ND ANNUAL DEVICE RESEARCH CONFERENCE (DRC). 2014, p. 49-50., WOS

[1.1] CHENG, Z.Q. - HU, S. - ZHOU, W.J. - LIU, J. In MICROWAVE AND OPTICAL TECHNOLOGY LETTERS. JUN 2011, vol. 53, no. 6, p. 1206-1209., WOS

[1.1] CHENG, Z.Q. - LIU, T. - JIN, L.W. - FENG, Z.H. - SONG, J.B. - YIN, J.Y. In 2011 INTERNATIONAL CONFERENCE ON ELECTRONICS, COMMUNICATIONS AND CONTROL (ICECC). 2011, p. 2306-2308., WOS

[1.1] CHENG, Z.Q. - WANG, Q.N. - FENG, Z.H. - SONG, J.B. - YIN, J.Y. In 2011 INTERNATIONAL CONFERENCE ON ELECTRONICS, COMMUNICATIONS AND CONTROL (ICECC). 2011, p. 1979-1981., WOS
[1.1] KIM, S. - KIM, H.J. - CHOI, S. - LOCHNER, Z. - RYOU, J.H. - DUPUIS, R.D. - AHN, K.S. - KIM, H. In JAPANESE JOURNAL OF APPLIED PHYSICS. OCT 2013, vol. 52, no. 10, 2, SI., WOS
[1.1] KIM, S. - KIM, H.J. - CHOI, S. - RYOU, J.H. - DUPUIS, R.D. - AHN, K.S. - KIM, H. In JAPANESE JOURNAL OF APPLIED PHYSICS. OCT 2013, vol. 52, no. 10, 2, SI., WOS
[1.1] LENKA, T.R. - DASH, G.N. - PANDA, A.K. In INTERNATIONAL CONFERENCE ON SOLID STATE DEVICES AND MATERIALS SCIENCE. 2012, vol. 25, p. 36-43., WOS
[1.1] NAKANO, T. - CHIBA, M. - AKAZAWA, M. In JAPANESE JOURNAL OF APPLIED PHYSICS. APR 2014, vol. 53, no. 4, SI., WOS
[1.1] PANDEY, D. - BHATTACHARJEE, A. - LENKA, T.R. In PHYSICS OF SEMICONDUCTOR DEVICES. 2014, p. 67-70., WOS
[1.1] PANG, L. - KIM, K. In 2013 IEEE POWER AND ENERGY CONFERENCE AT ILLINOIS (PECI). 2013, p. 8-12., WOS
[1.1] ROSSETTO, I. - RAMPAZZO, F. - SILVESTRI, R. - ZANANDREA, A. - DUA, C. - DELAGE, S. - OUALLI, M. - MENEGHINI, M. - ZANONI, E. - MENEGHESSO, G. In MICROELECTRONICS RELIABILITY. SEP-NOV 2013, vol. 53, no. 9-11, SI, p. 1476-1480., WOS
[1.1] SARIKAVAK-LISESIVDIN, B. - LISESIVDIN, S.B. - OZBAY, E. In CURRENT APPLIED PHYSICS. JAN 2013, vol. 13, no. 1, p. 224-227., WOS
[1.1] WANG, L. - HU, W.D. - CHEN, X.S. - LU, W. In JOURNAL OF ELECTRONIC MATERIALS. AUG 2012, vol. 41, no. 8, p. 2130-2138., WOS
[1.2] Akazawa, M., Nakano, T.: e-Journal of Surface Science and Nanotechnology 12 (2014) pp. 83-88, SCOPUS

ADCA521 OSVALD, Jozef. Comment on „Negative Schottky barrier berween titanium and n-type Si(001) for low-resistance ohmic contacts. In *Solid-State Electronics*. - Oxford : Elsevier, 2004, vol. 48, p. 2347-2349. ISSN 0038-1101.
Ohlasy:
[1.1] TONG, Y. - HAN, G.Q. - LIU, B. - YANG, Y. - WANG, L.X. - WANG, W. - YEO, Y.C. In IEEE TRANSACTIONS ON ELECTRON DEVICES. FEB 2013, vol. 60, no. 2, SI, p. 746-752., WOS
[1.1] TONG, Y. - ZHOU, Q. - LOW, K.L. - WANG, L.X. - CHUA, L.H. - THANIGAIVELAN, T. - HENRY, T. - YEO, Y.C. In IEEE TRANSACTIONS ON ELECTRON DEVICES. OCT 2014, vol. 61, no. 10, p. 3499-3506., WOS

ADCA522 OSVALD, Jozef - BURIAN, Eduard. C-V dependence of inhomogeneous Schottky diodes. In *Solid-State Electronics*, 1998, vol. 42, p. 191-195. (0.500 - IF1997). (1998 - Current Contents). ISSN 0038-1101.
Ohlasy:
[1.1] AYDOGAN, S. - SERIFOGLU, K. - TURUT, A. In SOLID STATE SCIENCES. JUL 2011, vol. 13, no. 7, p. 1369-1374., WOS
[1.1] FOUAD, S.S. - SAKR, G.B. - YAHIA, I.S. - ABDEL-BASSET, D.M. - YAKUPHANOGLU, F. In MATERIALS RESEARCH BULLETIN. JAN 2014, vol. 49, p. 369-383., WOS
[1.1] GUZELDIR, B. - SAGLAM, M. - ATES, A. In SUPERLATTICES

AND MICROSTRUCTURES. SEP 2012, vol. 52, no. 3, p. 416-429., WOS
[1.1] KARATAS, S. - YILDIRIM, N. - TURUT, A. In SUPERLATTICES AND MICROSTRUCTURES. DEC 2013, vol. 64, p. 483-494., WOS

ADCA523 OSVALD, Jozef. Doping concentration dependence of apparent parameters of Schottky diodes with low-barrier defects. In *Semiconductor Science and Technology*. - Bristol : Institute of Physics, 2001, vol. 16, no. 2, p. 197-201. ISSN 0268-1242.
Ohlasy:
[1.2] Modi, B.P. In Journal of Nano- and Electronic Physics 3 (1 PART4) (2011), pp. 680-683, SCOPUS

ADCA524 OSVALD, Jozef - DOBROČKA, Edmund. Generalized approach to the parameter extraction from Schottky diodes I-V characteristics. In *Semiconductor Science and Technology*, 1996, vol. 11, p. 1198-1202. (1996 - Current Contents). ISSN 0268-1242.
Ohlasy:
[1.1] EFEOGLU, H. - TURUT, A. In INTERNATIONAL JOURNAL OF MODERN PHYSICS B. JUL 30 2013, vol. 27, no. 19., WOS
[1.1] GUZELDIR, B. - SAGLAM, M. - ATES, A. In INTERNATIONAL CONGRESS ON ADVANCES IN APPLIED PHYSICS AND MATERIALS SCIENCE. 2011, vol. 1400, p. 56-59., WOS
[1.1] KORUCU, D. - TURUT, A. In INTERNATIONAL JOURNAL OF ELECTRONICS. NOV 2014, vol. 101, no. 11, p. 1595-1606., WOS
[1.1] LATRECHE, A. - OUENNOUGHI, Z. - SELLAI, A. - WEISS, R. - RYSSEL, H. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. AUG 2011, vol. 26, no. 8., WOS
[1.1] SELLAI, A. - MESLI, A. - PETIT, M. - LE THANH, V. - TAYLOR, D. - HENINI, M. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. MAR 2012, vol. 27, no. 3., WOS
[1.1] SELLAI, A. - THANH, V.L. - PETIT, M. - MICHEZ, L. - OUENNOUGHI, Z. - MESLI, A. In 2012 16TH IEEE MEDITERRANEAN ELECTROTECHNICAL CONFERENCE (MELECON). 2012, p. 179-182., WOS

ADCA525 OSVALD, Jozef. Influence of deep levels on capacitance-voltage characteristics of AlGaN/GaN heterostructures. In *Journal of Applied Physics*, 2011, vol. 110, 073702. (2.079 - IF2010). (2011 - Current Contents). ISSN 0021-8979.
Ohlasy:
[1.1] BERA, L.K. - THAM, W.H. - KAJEN, R.S. - DOLMANAN, S.B. - KUMAR, M.K. - LIN, V.K.X. - ANG, D.S. - BHAT, T.N. - YAKOVLEV, N. - TRIPATHY, S. In ECS SOLID STATE LETTERS. 2013, vol. 2, no. 12, p. Q105-Q108., WOS
[1.1] HO, J.W. - TAY, A.A.O. - CHUA, S.J. In 2012 38TH IEEE PHOTOVOLTAIC SPECIALISTS CONFERENCE (PVSC). 2012, p. 1898-1903., WOS
[1.1] JIA, C. H. - SUN, X. W. - LI, G. Q. - CHEN, Y. H. - ZHANG, W. F. In APPLIED PHYSICS LETTERS. JAN 27 2014, vol. 104, no. 4., WOS
[1.1] YANG, G. - JIA, C. H. - CHEN, Y. H. - CHEN, X. - ZHANG, W. F. In JOURNAL OF APPLIED PHYSICS. MAY 28 2014, vol. 115, no. 20., WOS

[1.1] YANG, Y.N. - WANG, X.Q. - LU, L.W. - HUANG, C.C. - XU, F.J. - SHEN, B. In ACTA PHYSICA SINICA. SEP 2013, vol. 62, no. 17., WOS

ADCA526 OSVALD, Jozef. Influence of lateral current spreading on the apparent barrier parameters of inhomogeneous Schottky diodes. In *Journal of Applied Physics*, 2006, vol. 99, p. 033708. (2.498 - IF2005). (2006 - Current Contents, WOS, SCOPUS). ISSN 0021-8979.

Ohlasy:

[1.1] BACAKSIZ, E. - AKSU, S. - CANKAYA, G. - YILMAZ, S. - POLAT, I. - KUCUKOMEROGLU, T. - VARILCI, A. In THIN SOLID FILMS. MAR 31 2011, vol. 519, no. 11, p. 3679-3685., WOS

ADCA527 OSVALD, Jozef. Influence of AlGaN/GaN heterojunction parameters on its capacitance-voltage characteristics. In *Journal of Applied Physics*, 2009, vol. 106, art. no. 013708. (2.201 - IF2008). (2009 - Current Contents, WOS, SCOPUS). ISSN 0021-8979.

Ohlasy:

[1.1] CHEN, Z.T. - FUJITA, K. - ICHIKAWA, J. - SAKAI, Y. - EGAWA, T. In JAPANESE JOURNAL OF APPLIED PHYSICS. AUG 2011, vol. 50, no. 8, Part 1., WOS

[1.1] KOTARA, P. - HILT, O. - KIRMSE, H. - WURFL, J. - NEUMANN, W. - TRANKLE, G. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 8, NO 7-8. 2011, vol. 8, no. 7-8., WOS

[1.1] LI, L. - YANG, L.A. - ZHANG, J.C. - ZHANG, L.X. - DANG, L.S. - KUANG, Q.W. - HAO, Y. In SOLID-STATE ELECTRONICS. FEB 2012, vol. 68, p. 98-102., WOS

[1.1] TAN, G.Y. - SU, Y.B. In MODERN PHYSICS LETTERS B. JUN 20 2011, vol. 25, no. 15, p. 1293-1302., WOS

ADCA528 OSVALD, Jozef. Intersecting behaviour of nanoscale Schottky diodes I-V curves. In *Solid State Communications : an international journal*, 2006, vol. 138, p. 39-42. (1.489 - IF2005). (2006 - Current Contents, WOS, SCOPUS). ISSN 0038-1098.

Ohlasy:

[1.1] ARSLAN, E. - TURHAN, S. - GOKDEN, S. - TEKE, A. - OZBAY, E. In THIN SOLID FILMS. DEC 2 2013, vol. 548, p. 411-418., WOS

[1.1] BOUZAZI, B. - KOJIMA, N. - OHSHITA, Y. - YAMAGUCHI, M. In JOURNAL OF ALLOYS AND COMPOUNDS. MAR 5 2013, vol. 552, p. 469-474., WOS

[1.1] KIM, H. - SOHN, A. - KIM, D.W. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. MAR 2012, vol. 27, no. 3., WOS

[1.1] KIM, H. - SOHN, A. - CHO, Y. - KIM, D.W. In JOURNAL OF ELECTRONIC PACKAGING. MAR 2013, vol. 135, no. 1., WOS

[1.1] KORUCU, D. - TURUT, A. - TURAN, R. - ALTINDAL, S. In SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY. SEP 2012, vol. 55, no. 9, p. 1604-1612., WOS

[1.1] KRAYA, R.A. In APPLIED PHYSICS LETTERS. AUG 1 2011, vol. 99, no. 5., WOS

[1.1] LEE, H. - LEE, Y.K. - VAN, T.N. - PARK, J.Y. In APPLIED PHYSICS LETTERS. OCT 21 2013, vol. 103, no. 17., WOS

[1.1] SAADAOUI, S. - BEN SALEM, M.M. - GASSOUMI, M. - MAAREF, H. - GAQUIERE, C. In JOURNAL OF APPLIED PHYSICS. JUL 1 2011, vol. 110, no. 1., WOS

[1.1] SHARMA, M. - TRIPATHI, S.K. In OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS. JAN-FEB 2012, vol. 6, no. 1-2, p. 200-204., WOS

[1.1] TASCIOGLU, I. - AYDEMIR, U. - ALTINDAL, S. - KINACI, B. - OZCELIK, S. In JOURNAL OF APPLIED PHYSICS. MAR 1 2011, vol. 109, no. 5., WOS

[1.1] TASCIOGLU, I. - AYDEMIR, U. - ALTINDAL, S. - TUNC, T. In INTERNATIONAL CONGRESS ON ADVANCES IN APPLIED PHYSICS AND MATERIALS SCIENCE. 2011, vol. 1400, p. 307-311., WOS

[1.1] TRIPATHI, S.K. - SHARMA, M. In JOURNAL OF APPLIED PHYSICS. APR 1 2012, vol. 111, no. 7., WOS

[1.1] WANG, M.Z. - LIANG, F.X. - NIE, B. - ZENG, L.H. - ZHENG, L.X. - LV, P. - YU, Y.Q. - XIE, C. - LI, Y.Y. - LUO, L.B. In PARTICLE & PARTICLE SYSTEMS CHARACTERIZATION. JUL 2013, vol. 30, no. 7, p. 630-636., WOS

[1.2] Jiang, Y., Shen, J., Zhang, W. In Nanjing Hangkong Hangtian Daxue Xuebao/Journal of Nanjing University of Aeronautics and Astronautics 43 (2011) , pp. 837-840, SCOPUS

ADCA529 OSVALD, Jozef. New aspects of the temperature dependence of the current in inhomogeneous Schottky diodes. In *Semiconductor Science and Technology*, 2003, vol. 18, p. L24-L26. ISSN 0268-1242.

Ohlasy:

[1.1] DEMIRCIOGLU, O. - KARATAS, S. - YILDIRIM, N. - BAKKALOGLU, O.F. - TURUT, A. In JOURNAL OF ALLOYS AND COMPOUNDS. JUN 2 2011, vol. 509, no. 22, p. 6433-6439., WOS

[1.1] DEVI, V.L. - JYOTHI, I. - REDDY, V.R. In CANADIAN JOURNAL OF PHYSICS. JAN 2012, vol. 90, no. 1, p. 73-81., WOS

[1.1] FIAT, S. - BACAKSIZ, E. - KOMPITSAS, M. - CANKAYA, G. In JOURNAL OF ALLOYS AND COMPOUNDS. FEB 5 2014, vol. 585, p. 178-184., WOS

[1.1] GULLU, O. - TURUT, A. In JOURNAL OF ALLOYS AND COMPOUNDS. JAN 21 2011, vol. 509, no. 3, p. 571-577., WOS

[1.1] KARATAS, S. - CAKAR, M. - TURUT, A. In MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING. DEC 2014, vol. 28, p. 135-143., WOS

ADCA530 OSVALD, Jozef. Numerical study of electrical transport in inhomogeneous Schottky diodes. In *Journal of Applied Physics*, 1999, vol. 85, p. 1935-1942. (1.729 - IF1998). (1999 - Current Contents, WOS, SCOPUS). ISSN 0021-8979.

Ohlasy:

[1.1] BENAMARA, M. - ANANI, M. - AKKAL, B. - BENAMARA, Z. In JOURNAL OF ALLOYS AND COMPOUNDS. AUG 5 2014, vol. 603, p. 197-201., WOS

[1.1] BIYIKLI, N. - KARABULUT, A. - EFEOLU, H. - GUZELDIR, B. - TURUT, A. In PHYSICA SCRIPTA. SEP 2014, vol. 89, no. 9., WOS

[1.1] BOBBY, A. - VERMA, S. - ASOKAN, K. - SARUN, P.M. -

ANTONY, B.K. In PHYSICA B-CONDENSED MATTER. DEC 15 2013, vol. 431, p. 6-10., WOS

[1.1] GUZELDIR, B. - SAGLAM, M. - ATES, A. - TURUT, A. In JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS. DEC 2011, vol. 72, no. 12, p. 1506-1514., WOS

[1.1] CHAND, S. - KAUSHAL, P. In NINTH INTERNATIONAL CONFERENCE ON ADVANCED SEMICONDUCTOR DEVICES AND MICROSYSTEMS. 2012, p. 95-98., WOS

[1.1] CHAND, S. - KAUSHAL, P. In PHYSICS OF SEMICONDUCTOR DEVICES. 2014, p. 243-246., WOS

[1.1] KANG, M.S. - AHN, J.J. - MOON, K.S. - KOO, S.M. In NANOSCALE RESEARCH LETTERS. JAN 13 2012, vol. 7, p. 1-8., WOS

[1.1] TECIMER, H. - AKSU, S. - USLU, H. - ATASOY, Y. - BACAKSIZ, E. - ALTINDAL, S. In SENSORS AND ACTUATORS A-PHYSICAL. OCT 2012, vol. 185, p. 73-81., WOS

[1.2] Güzeldir, B., Sağlam, M., Ateş, A. In Turkish Journal of Physics 35 (2011) , pp. 1-12, SCOPUS

[1.2] Güzeldir, B., Sağlam, M., Ateş, A. In Microelectronics Reliability 51 (2011) , pp. 2179-2184, SCOPUS

[1.2] Chand, S., Kaushal, P. ASDAM 2012 - Conference Proceedings: The 9th International Conference on Advanced Semiconductor Devices and Microsystems (2012) art. no. 6418548 , pp. 95, SCOPUS

ADCA531 OSVALD, Jozef. Numerical simultation of tunneling current in GaN Schottky diodes. In *Journal of Applied Physics*, 2007, vol. 101, 103701. (2.316 - IF2006). (2007 - Current Contents, SCOPUS). ISSN 0021-8979.

Ohlasy:

[1.1] EJDERHA, K. - YILDIRIM, N. - TURUT, A. In EUROPEAN PHYSICAL JOURNAL-APPLIED PHYSICS. NOV 2014, vol. 68, no. 2., WOS

ADCA532 OSVALD, Jozef. Numerical analysis of gate leakage current in AlGaN Schottky diodes. In *Applied Surface Science*, 2008, vol. 255, p. 793-795. (1.410 - IF2007). (2008 - Current Contents). ISSN 0169-4332.

Ohlasy:

[1.1] CHEN, F. - JI, X.H. - LU, Z.Y. - SHEN, Y.H. - ZHANG, Q.Y. In MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS. APR 2014, vol. 183, p. 24-28., WOS

[1.1] KORKUT, H. - EJDERHA, K. - AKBAY, A. - OZTURK, Y. - KORKUT, T. - TURUT, A. In INTERNATIONAL CONGRESS ON ADVANCES IN APPLIED PHYSICS AND MATERIALS SCIENCE. 2011, vol. 1400, p. 497-501., WOS

ADCA533 OSVALD, Jozef. Ohmic contacts to moderately doped semiconductors – are they really Ohmic low-barrier Schottky contacts? In *Semiconductor Science and Technology*, 2005, vol. 20, p. 611-614. ISSN 0268-1242.

Ohlasy:

[1.1] CHATTOPADHYAY, P. - BANERJEE, A. In INTERNATIONAL JOURNAL OF ELECTRONICS. 2012, vol. 99, no. 8, p. 1051-1061., WOS

ADCA534 OSVALD, Jozef. On the barrier height inhomogeneities at polycrystalline metal semiconductor contacts. In *Solid State Electronics*, 1992, vol. 35, p. 1629.

Ohlasy:

[1.1] EJDERHA, K. - YILDIRIM, N. - TURUT, A. - ABAY, B. In EUROPEAN PHYSICAL JOURNAL-APPLIED PHYSICS. JAN 2012, vol. 57, no. 1., WOS

[1.1] GULNAHAR, M. - EFEOGLU, H. In JOURNAL OF ALLOYS AND COMPOUNDS. JUL 7 2011, vol. 509, no. 27, p. 7317-7323., WOS

ADCA535 OSVALD, Jozef. Polarization effects and energy band diagram in AlGaN/GaN heterostructures. In *Applied Physics A - Materials Science & Processing*, 2007, vol. 87, p. 679-682. (1.739 - IF2006). (2007 - Current Contents). ISSN 0947-8396.

Ohlasy:

[1.1] FAUCHER, M. - BEN AMAR, A. - GRIMBERT, B. - BRANDLI, V. - WERQUIN, M. - BUCHAILLOT, L. - GAQUIERE, C. - THERON, D. - CORDIER, Y. - SEMOND, F. In 2011 JOINT CONFERENCE OF THE IEEE INTERNATIONAL FREQUENCY CONTROL SYMPOSIUM/EUROPEAN FREQUENCY AND TIME FORUM PROCEEDINGS. 2011, p. 1021-1025., WOS

[1.1] SHARMA, N. - JOSHI, D. - CHATURVEDI, N. In JOURNAL OF COMPUTATIONAL ELECTRONICS. JUN 2014, vol. 13, no. 2, p. 503-508., WOS

[1.1] YOTSUHASHI, S. - DEGUCHI, M. - HASHIBA, H. - ZENITANI, Y. - HINOGAMI, R. - YAMADA, Y. - OHKAWA, K. In APPLIED PHYSICS LETTERS. JUN 11 2012, vol. 100, no. 24., WOS

[1.1] YOTSUHASHI, S. - HASHIBA, H. - DEGUCHI, M. - ZENITANI, Y. - HINOGAMI, R. - YAMADA, Y. - DEURA, M. - OHKAWA, K. In AIP ADVANCES. DEC 2012, vol. 2, no. 4., WOS

[1.2] Sun, J., Sun, W., Zhao, L., Li, J., Li, M.,Zhi, H. Guangxue Xuebao/Acta Optica Sinica32 (2012) , art. no. 0214002, SCOPUS

ADCA536 OSVALD, Jozef. Series resistance influence on intersecting behaviour of inhomogeneous Schottky diodes I-V curves. In *Solid-State Electronics*, 2006, vol. 50, p. 228-231. (2006 - Current Contents). ISSN 0038-1101.

Ohlasy:

[1.1] AFANDIYEVA, I.M. - DEMIREZEN, S. - ALTINDAL, S. In JOURNAL OF ALLOYS AND COMPOUNDS. MAR 5 2013, vol. 552, p. 423-429., WOS

[1.1] ALTUNTAS, H. - OZCELIK, S. In JOURNAL OF ALLOYS AND COMPOUNDS. NOV 15 2013, vol. 577, p. 143-147., WOS

[1.1] ARSLAN, E. - TURHAN, S. - GOKDEN, S. - TEKE, A. - OZBAY, E. In THIN SOLID FILMS. DEC 2 2013, vol. 548, p. 411-418., WOS

[1.1] BOBBY, A. - VERMA, S. - ASOKAN, K. - SARUN, P.M. - ANTONY, B.K. In PHYSICA B-CONDENSED MATTER. DEC 15 2013, vol. 431, p. 6-10., WOS

[1.1] DHIBI, O. - LTAIEF, A. - CHAABEN, N. - BOUAZIZI, A. In MICROELECTRONIC ENGINEERING. NOV 5 2014, vol. 129, p. 24-30., WOS

[1.1] ERTUGRUL, R. - TATAROGLU, A. In RADIATION EFFECTS AND DEFECTS IN SOLIDS. SEP 2 2014, vol. 169, no. 9, p. 791-799., WOS

[1.1] FARAG, A.A.M. - SOLIMAN, H.S. - ATTA, A.A. In SYNTHETIC

METALS. JAN 2012, vol. 161, no. 23-24, p. 2759-2764., WOS
[1.1] KIM, H. - KIM, S. - KIM, K.K. - LEE, S.N. - AHN, K.S. In JAPANESE JOURNAL OF APPLIED PHYSICS. OCT 2011, vol. 50, no. 10, Part 1., WOS
[1.1] KINACI, B. - ASAR, T. - OZEN, Y. - OZCELIK, S. In OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS. MAR 2011, vol. 5, no. 3-4, p. 434-437., WOS
[1.1] LATRECHE, A. - OUENNOUGHI, Z. - SELLAI, A. - WEISS, R. - RYSSEL, H. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. AUG 2011, vol. 26, no. 8., WOS
[1.1] PAKMA, O. - TOZLU, C. - KAVASOGLU, N. - KAVASOGLU, A.S. - OZDEN, S. In JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY. APR 2011, vol. 58, no. 1, p. 244-250., WOS
[1.1] PUR, F.Z. - TATAROGLU, A. In PHYSICA SCRIPTA. SEP 2012, vol. 86, no. 3., WOS
[1.1] RAHMATALLAHPUR, S. - YEGANE, M. In PHYSICA B-CONDENSED MATTER. APR 1 2011, vol. 406, no. 8, p. 1351-1356., WOS
[1.1] TASCIOGLU, I. - AYDEMIR, U. - ALTINDAL, S. - KINACI, B. - OZCELIK, S. In JOURNAL OF APPLIED PHYSICS. MAR 1 2011, vol. 109, no. 5., WOS
[1.1] TATAROGLU, A. - AL-GHAMDI, A.A. - BIN OMRAN, S. - FAROOQ, W.A. - EL-TANTAWY, F. - YAKUPHANOGLU, F. In JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY. SEP 2014, vol. 71, no. 3, p. 421-427., WOS
[1.1] TATAROGLU, A. - AYDIN, H. - AL-GHAMDI, A.A. - EL-TANTAWY, F. - FAROOQ, W.A. - YAKUPHANOGLU, F. In JOURNAL OF ELECTROCERAMICS. JUN 2014, vol. 32, no. 4, p. 369-375., WOS
[1.1] TATAROGLU, A. - HENDI, A.A. - ALORAINY, R.H. - YAKUPHANOGLU, F. In CHINESE PHYSICS B. MAY 2014, vol. 23, no. 5., WOS
[1.1] USLU, H. - ALTINDAL, S. - TUNC, T. - USLU, I. - MAMMADOV, T.S. In JOURNAL OF APPLIED POLYMER SCIENCE. APR 5 2011, vol. 120, no. 1, p. 322-328., WOS

ADCA537 OSVALD, Jozef. Simulation of the influence of interface states on capacitance characteristics of insulator/AlGaN/GaN heterojunctions. In *Physica status solidi A. Applications and materials science*, 2013, vol. 210, p. 1340-1344. (1.469 - IF2012). (2013 - Current Contents). ISSN 1862-6300.

Ohlasy:
[1.1] BAKEROOT, B. - YOU, S. - WU, T-L. - HU, J. - VAN HOVE, M. - DE JAEGER, B. - GEENS, K. - STOFFELS, S. - DECOUTERE, S. In JOURNAL OF APPLIED PHYSICS. OCT 7 2014, vol. 116, no. 13., WOS
[1.1] MOLNAR, M. - DONOVAL, D. - KUZMIK, J. - MAREK, J. - CHVALA, A. - PRIBYTNY, P. - MIKOLASEK, M. - RENDEK, K. - PALANKOVSKI, V. In APPLIED SURFACE SCIENCE. SEP 1 2014, vol. 312, p. 157-161., WOS
[1.1] STOKLAS, R. - GREGUSOVA, D. - HUSEKOVA, K. - MAREK, J. - KORDOS, P. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. APR 2014, vol. 29, no. 4., WOS
[1.1] YOON, Y. J. - KANG, H.-S. - SEO, J. H. - KIM, Y.-J. - BAE, J.-H. -

LEE, J.-H. - KANG, I. M. - CHO, E.-S. - CHO, S. In JOURNAL OF THE KOREAN PHYSICAL SOCIETY. NOV 2014, vol. 65, no. 10, p. 1579-1584., WOS

ADCA538 OSVALD, Jozef. Surface states influence on capacitance properties of dielectric/AlGaN/GaN heterostructures. In *Japanese Journal of Applied Physics*, 2013, vol. 52, 08JN09. (1.067 - IF2012). (2013 - Current Contents). ISSN 0021-4922.

Ohlasy:

[1.1] COLON, A. - SHI, J.X. In SOLID-STATE ELECTRONICS. SEP 2014, vol. 99, p. 25-30., WOS

ADCA539 OSVALD, Jozef - KUZMÍK, Ján - KONSTANTINIDIS, G. - LOBOTKA, Peter - GEORGAKILAS, A. Temperature dependence of Ni/Au/n-GaN Schottky diodes I-V chracteristics. In *Microelectronic Engineering*, 2005, vol. 81, p. 181-187. ISSN 0167-9317.

Ohlasy:

[1.1] AMEUR, K. - MAZARI, H. - TIZI, S. - KHELIFI, R. - BENAMARA, Z. - BENSEDDIK, N. - CHAIB, A. - ZOUGAGH, N. - MOSTEFAOUI, M. - BIDEUX, L. - MONIER, G. - GRUZZA, B. - ROBERT-GOUMET, C. In SENSOR LETTERS. DEC 2011, vol. 9, no. 6, SI, p. 2268-2271., WOS

[1.1] EJDERHA, K. - YILDIRIM, N. - TURUT, A. In EUROPEAN PHYSICAL JOURNAL-APPLIED PHYSICS. NOV 2014, vol. 68, no. 2., WOS

[1.1] EJDERHA, K. - ZENGIN, A. - ORAK, I. - TASYUREK, B. - KILINC, T. - TURUT, A. In MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING. MAR 2011, vol. 14, no. 1, p. 5-12., WOS

[1.1] ELGAWADI, A. - GAINER, G. - KRASINSKI, J. In JOURNAL OF PHYSICS-CONDENSED MATTER. AUG 21 2013, vol. 25, no. 33., WOS

[1.1] GRODZICKI, M. - MAZUR, P. - ZUBER, S. - PERS, J. - BRONA, J. - CISZEWSKI, A. In APPLIED SURFACE SCIENCE. JUN 15 2014, vol. 304, p. 24-28., WOS

[1.1] CHEN, Y. - MANIRUZZAMAN, M. - MUN, S. - KIM, J. In NANOSENSORS, BIOSENSORS, AND INFO-TECH SENSORS AND SYSTEMS 2011. 2011, vol. 7980., WOS

[1.1] NAIK, H. - MARRON, T. - CHOW, T.P. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 8, NO 7-8. 2011, vol. 8, no. 7-8., WOS

[1.1] PETA, K.R. - LEE, S.T. - KIM, M.D. - OH, J.E. - KIM, S.G. - KIM, T.G. In JOURNAL OF CRYSTAL GROWTH. SEP 1 2013, vol. 378, p. 299-302., WOS

[1.1] REDDY, N.N.K. - REDDY, V.R. In BULLETIN OF MATERIALS SCIENCE. FEB 2012, vol. 35, no. 1, p. 53-61., WOS

[1.1] REDDY, P. - BRYAN, I. - BRYAN, Z. - GUO, W. - HUSSEY, L. - COLLAZO, R. - SITAR, Z. In JOURNAL OF APPLIED PHYSICS. SEP 28 2014, vol. 116, no. 12., WOS

[1.2] Munir, T., Aziz, A.A., Abdullah, M.J., Ain, M.F.: 2014 Advanced Materials Research 895, pp. 439-443, SCOPUS

[1.2] Wang, R.X., Xu, S.J., Fung, S. In Gallium Nitride: Structure, Thermal Properties and Applications Ed. Peak, K.O. ISBN: 978-163321388-3 Nova Science Publishers 2014 pp. 119-165, SCOPUS

ADCA540 OSVALD, Jozef. Temperature dependence of barrier height parameters of inhomogeneous Schottky diodes. In *Microelectronic Engineering*, 2009, vol. 86, p. 117-120. (1.583 - IF2008). (2009 - Current Contents). ISSN 0167-9317.

Ohlasy:

[1.1] BACAKSIZ, E. - AKSU, S. - CANKAYA, G. - YILMAZ, S. - POLAT, I. - KUCUKOMEROGLU, T. - VARILCI, A. In THIN SOLID FILMS. MAR 31 2011, vol. 519, no. 11, p. 3679-3685., WOS

[1.1] BESTAS, A.N. - YAZICI, S. - AKTAS, F. - ABAY, B. In APPLIED SURFACE SCIENCE. NOV 1 2014, vol. 318, p. 280-284., WOS

[1.1] BIREL, O. - KAVASOGLU, N. - KAVASOGLU, A.S. - DINCALP, H. - METIN, B. In PHYSICA B-CONDENSED MATTER. MAR 1 2013, vol. 412, p. 64-69., WOS

[1.1] EL-MENYAWY, E.M. - ASHERY, A. In JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS. SEP 2014, vol. 25, no. 9, p. 3939-3946., WOS

[1.1] EL-NAHASS, M.M. - METWALLY, H.S. - EL-SAYED, H.E.A. - HASSANIEN, A.M. In SYNTHETIC METALS. NOV-DEC 2011, vol. 161, no. 21-22, p. 2253-2258., WOS

[1.1] GUZELDIR, B. - SAGLAM, M. - ATES, A. - TURUT, A. In JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS. DEC 2011, vol. 72, no. 12, p. 1506-1514., WOS

[1.1] KAVASOGLU, A.S. - BIRGI, O. - KAVASOGLU, N. - OYLUMLUOGLU, G. - KODOLBAS, A.O. - KANGI, R. - YILMAZ, O. In JOURNAL OF ALLOYS AND COMPOUNDS. SEP 29 2011, vol. 509, no. 39, p. 9394-9398., WOS

[1.1] KINACI, B. - CETIN, S.S. - BENGI, A. - OZCELIK, S. In MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING. OCT 2012, vol. 15, no. 5, p. 531-535., WOS

[1.1] MAMOR, M. - BOUZIANE, K. - TIRBIYINE, A. - ALHAMRASHDI, H. In SUPERLATTICES AND MICROSTRUCTURES. AUG 2014, vol. 72, p. 344-351., WOS

[1.1] PETA, K.R. - PARK, B.G. - LEE, S.T. - KIM, M.D. - OH, J.E. In MICROELECTRONIC ENGINEERING. MAY 2012, vol. 93, p. 100-104., WOS

[1.1] SAGLAM, M. - GUZELDIR, B. - ATES, A. - BUGUR, E. In JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS. FEB 2013, vol. 74, no. 2, p. 370-376., WOS

[1.1] SHARMA, M. - TRIPATHI, S.K. In JOURNAL OF APPLIED PHYSICS. JUL 15 2012, vol. 112, no. 2., WOS

[1.1] SOYLU, M. - ABAY, B. - ONGANER, Y. In JOURNAL OF ALLOYS AND COMPOUNDS. APR 21 2011, vol. 509, no. 16, p. 5105-5111., WOS

[1.1] TOMBAK, A. - OCAK, Y.S. - GENISEL, M.F. - KILICOGLU, T. In MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING. DEC 2014, vol. 28, p. 98-102., WOS

[1.1] TRIPATHI, S.K. - SHARMA, M. In JOURNAL OF APPLIED PHYSICS. APR 1 2012, vol. 111, no. 7., WOS

[1.1] TUGLUOGLU, N. - YUKSEL, O.F. - SAFAK, H. - KARADENIZ, S. In PHYSICA STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE. NOV 2012, vol. 209, no. 11, p. 2313-2316., WOS

[1.1] ZHAO, M. - LIU, X.Y. - ZHENG, Y.K. - LI, Y.K. - OUYANG, S.H. In

MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS. APR 20 2013, vol. 178, no. 7, p. 465-470., WOS

ADCA541 OSVALD, Jozef - HORVÁTH, Zs.J. Theoretical study of the temperature dependence of electrical characteristics of Schottky diodes with an inverse near-surface layer. In *Applied Surface Science*, 2004, vol. 234, p. 349-354. ISSN 0169-4332.

Ohlasy:

[1.1] AFANDIYEVA, I.M. - DEMIREZEN, S. - ALTINDAL, S. In JOURNAL OF ALLOYS AND COMPOUNDS. MAR 5 2013, vol. 552, p. 423-429., WOS

[1.1] ALTUNTAS, H. - ALTINDAL, S. - COREKCI, S. - OZTURK, M.K. - OZCELIK, S. In SEMICONDUCTORS. OCT 2011, vol. 45, no. 10, p. 1286-1290., WOS

[1.1] ARSLAN, E. - CAKMAK, H. - OZBAY, E. In MICROELECTRONIC ENGINEERING. DEC 2012, vol. 100, p. 51-56., WOS

[1.1] AYDOGAN, S. - SAGLAM, M. - TURUT, A. In MICROELECTRONICS RELIABILITY. JUL 2012, vol. 52, no. 7, p. 1362-1366., WOS

[1.1] BESTAS, A.N. - YAZICI, S. - AKTAS, F. - ABAY, B. In APPLIED SURFACE SCIENCE. NOV 1 2014, vol. 318, p. 280-284., WOS

[1.1] BIYIKLI, N. - KARABULUT, A. - EFEOLU, H. - GUZELDIR, B. - TURUT, A. In PHYSICA SCRIPTA. SEP 2014, vol. 89, no. 9., WOS

[1.1] DEMIRCIOGLU, O. - KARATAS, S. - YILDIRIM, N. - BAKKALOGLU, O.F. In MICROELECTRONIC ENGINEERING. SEP 2011, vol. 88, no. 9, p. 2997-3002., WOS

[1.1] DOGAN, H. - ELAGOZ, S. In PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES. SEP 2014, vol. 63, p. 186-192., WOS

[1.1] DOKME, I. - ALTINDAL, S. - USLU, I. In JOURNAL OF APPLIED POLYMER SCIENCE. JUL 15 2012, vol. 125, no. 2, p. 1185-1192., WOS

[1.1] GULLU, O. - TURUT, A. In JOURNAL OF ALLOYS AND COMPOUNDS. JAN 21 2011, vol. 509, no. 3, p. 571-577., WOS

[1.1] JO, H.J. - BAE, I.H. In JOURNAL OF THE KOREAN PHYSICAL SOCIETY. MAR 2012, vol. 60, no. 5, p. 787-790., WOS

[1.1] KARATAS, S. - KARA, Z. In MICROELECTRONICS RELIABILITY. DEC 2011, vol. 51, no. 12, p. 2205-2209., WOS

[1.1] KIM, H. - SOHN, A. - CHO, Y. - KIM, D.W. In JOURNAL OF ELECTRONIC PACKAGING. MAR 2013, vol. 135, no. 1., WOS

[1.1] KINACI, B. - CETIN, S.S. - BENGI, A. - OZCELIK, S. In MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING. OCT 2012, vol. 15, no. 5, p. 531-535., WOS

[1.1] KORKUT, H. In NANO-MICRO LETTERS. 2013, vol. 5, no. 1, p. 34-39., WOS

[1.1] KORUCU, D. - DUMAN, S. In THIN SOLID FILMS. MAR 15 2013, vol. 531, p. 436-441., WOS

[1.1] KORUCU, D. - EFEOGLU, H. - TURUT, A. - ALTINDAL, S. In MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING. OCT 2012, vol. 15, no. 5, p. 480-485., WOS

[1.1] KORUCU, D. - TURUT, A. - EFEOGLU, H. In PHYSICA

B-CONDENSED MATTER. APR 1 2013, vol. 414, p. 35-41., WOS
[1.1] MATHAI, A.J. In IEEE TRANSACTIONS ON ELECTRON DEVICES. DEC 2011, vol. 58, no. 12, p. 4283-4289., WOS
[1.1] OYLUMLUOGLU, G. - KAVASOGLU, A.S. - KAVASOGLU, N. In JOURNAL OF ALLOYS AND COMPOUNDS. MAY 15 2012, vol. 523, p. 16-21., WOS
[1.1] OZERLI, H. - KARTERI, I. - KARATAS, S. - ALTINDAL, S. In MATERIALS RESEARCH BULLETIN. MAY 2014, vol. 53, p. 211-217., WOS
[1.1] PETA, K.R. - PARK, B.G. - LEE, S.T. - KIM, M.D. - OH, J.E. In MICROELECTRONIC ENGINEERING. MAY 2012, vol. 93, p. 100-104., WOS
[1.1] REDDY, M.S.P. - KANG, H.S. - LEE, J.H. - REDDY, V.R. - JANG, J.S. In JOURNAL OF APPLIED POLYMER SCIENCE. JAN 15 2014, vol. 131, no. 2., WOS
[1.1] SAADAOUI, S. - BEN SALEM, M.M. - GASSOUMI, M. - MAAREF, H. - GAQUIERE, C. In JOURNAL OF APPLIED PHYSICS. JUL 1 2011, vol. 110, no. 1., WOS
[1.1] SHARMA, M. - TRIPATHI, S.K. In JOURNAL OF APPLIED PHYSICS. JUL 15 2012, vol. 112, no. 2., WOS
[1.1] SHARMA, M. - TRIPATHI, S.K. In OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS. JAN-FEB 2012, vol. 6, no. 1-2, p. 200-204., WOS
[1.1] SOYLU, M. - YAKUPHANOGLU, F. In SUPERLATTICES AND MICROSTRUCTURES. SEP 2012, vol. 52, no. 3, p. 470-483., WOS
[1.1] TRIPATHI, S.K. - SHARMA, M. In JOURNAL OF APPLIED PHYSICS. APR 1 2012, vol. 111, no. 7., WOS
[1.1] YUKSEL, O.F. - TUGLUOGLU, N. - SAFAK, H. - NALCACIGIL, Z. - KUS, M. - KARADENIZ, S. In THIN SOLID FILMS. MAY 1 2013, vol. 534, p. 614-620., WOS
[1.2] Sankar Naik, S., Rajagopal Reddy, V. Advanced Materials Letters 3 (2012) 188, SCOPUS

ADCA542 ÖSZI, Zsolt - BEŇAČKA, Štefan - ŠTRBÍK, Vladimír - CHROMIK, Štefan - ŠPANKOVÁ, Marianna - KOSTIČ, Ivan - KLEJA, P. Properties of YBa2Cu3Ox and Bi2Sr2CaCu2O thin films by ion beam analysis methods. In *Thin Solid Films : international journal on the science and technology of Thin and Thick Films*, 2003, vol. 433, p. 359-362. ISSN 0040-6090.
Ohlasy:
[1.1] YILDIRIM, G. - AKDOGAN, M. - ALTINTAS, S.P. - ERDEM, M. - TERZIOGLU, C. - VARILCI, A. Investigation of the magnetic field angle dependence of resistance, irreversibility field, upper critical field and critical current density in DC sputtered Bi-2223 thin film. In Physica B - Condensed Matter. ISSN 0921-4526. 2011, vol. 406, no. 10, p. 1853-1857., wos

ADCA543 ÖSZI, Zsolt - BEŇAČKA, Štefan - ŠPANKOVÁ, Marianna - CHROMIK, Štefan. Ramp-type YBa2Cu3Ox SNS Josephson junctions with interlayer via ion damage. In *Physica C*.Superconductivity and Its Applications. - Amsterdam : Elsevier Science, 2006, vol. 435, p. 46-49. (0.948 - IF2005). (2006 - Current Contents, WOS, SCOPUS). ISSN 0921-4534.
Ohlasy:
[1.1] RUSSER, P. - RUSSER, J.A. In IEEE TRANSACTIONS ON

MICROWAVE THEORY AND TECHNIQUES. OCT 2011, vol. 59, no. 10, Part 2, SI, p. 2685-2701., WOS

ADCA544 OWENS, A. - PEACOCK, A. - BAVDAZ, M. - BRAMMERTZ, G. - DUBECKÝ, František - GOSTILO, V. - GRYAZNOV, D. - HAACK, N. - KRUMREY, M. - LOUPILOV, A. X-ray response of InP: part B, synchrotron radiation measurements. In *Nuclear Instruments and Methods in Physics Research A*, 2002, vol. 491, p. 444-451. ISSN 0168-9002.

Ohlasy:

[1.1] YATSKIV, R. - GRYM, J. In JOURNAL OF INSTRUMENTATION. OCT 2012, vol. 7., WOS

ADCA545 PAASI, J. - KALLIOHAKA, T. - KORPELA, A. - SÖDERLUND, L. - HERRMANN, P.F. - KVITKOVIČ, Jozef - MAJOROŠ, Milan. Homogeneity studies of multifilamentary BSCCO tapes by three-axis Hall sensor magnetometry. In *IEEE Transactions on Applied Superconductivity*, 1999, vol. 9, p. 1598-1600. (0.782 - IF1998). (1999 - Current Contents, WOS, SCOPUS).

Ohlasy:

[1.1] GARCIA-MARTIN, J. - GOMEZ-GIL, J. - VAZQUEZ-SANCHEZ, E. In SENSORS. MAR 2011, vol. 11, no. 3, p. 2525-2565., WOS

[1.1] GARCIA-MARTIN, J. - GOMEZ-GIL, J. In RUSSIAN JOURNAL OF NONDESTRUCTIVE TESTING. AUG 2013, vol. 49, no. 8, p. 482-491., WOS

[1.1] OCHIAI, S. - OKUDA, H. - FUJIMOTO, M. - SHIN, J.K. - SUGANO, M. - HOJO, M. - OSAMURA, K. - OH, S.S. - HA, D.W. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAY 2012, vol. 25, no. 5., WOS

[1.1] ZOU, S.N. - GU, C. - QU, T.M. - HAN, Z. In REVIEW OF SCIENTIFIC INSTRUMENTS. OCT 2013, vol. 84, no. 10., WOS

ADCA546 PACHLA, W. - MARCINIAK, H. - SZULC, A. - WROBLEVSKI, M. - KOVÁČ, Pavol - HUŠEK, Imrich - MELIŠEK, Tibor. Investigation of texture formation and phase transition in press-, CIP- and roll-sintered Ag-aheathed Bi(2223) tapes. In *IEEE Transactions on Applied Superconductivity*, 1997, vol. 7, p. 2090. (0.763 - IF1996). (1997 - Current Contents).

Ohlasy:

[1.1] XIE, P. - QU, T.M. - HUANG, K.T. - FENG, F. - HAN, Z.H. In MATERIALS EXPRESS. APR 2014, vol. 4, no. 2, p. 105-114., WOS

[1.1] YAO, C. - LIN, H. - ZHANG, X.P. - WANG, D.L. - ZHANG, Q.J. - MA, Y.W. - AWAJI, S. - WATANABE, K. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUL 2013, vol. 26, no. 7., WOS

[1.2] Parinov, I.A.: In: Microstructure and Properties of High-Temperature Superconductors. Berlin: Springer-Verlag 2012. 2nd ed. ISBN: 978-3-642-34440-4 779 s., SCOPUS

ADCA547 PACHLA, W. - MORAWSKI, A. - KOVÁČ, Pavol - HUŠEK, Imrich - MAZUR, A. - LADA, T. - DIDUSZKO, R. - MELIŠEK, Tibor - ŠTRBÍK, Vladimír - KULCZYK, M. Properties of hydrostatically extruded in-situ MgB2/Fe wires doped with SiC. In *Superconductor Science and Technology*, 2006, vol. 19, p. 1-8. (1.896 - IF2005). (2006 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:
[1.1] MAEDA, M. - KIM, J.H. - KUMAKURA, H. - HEO, Y.U. - ZHAO, Y. - NAKAYAMA, Y. - RINDFLEISCH, M. - DOU, S.X. In SCRIPTA MATERIALIA. JUN 2011, vol. 64, no. 11, p. 1059-1062., WOS

ADCA548 PACHLA, W. - PRESZ, A. - DIDUSZKO, R. - KOVÁČ, Pavol - HUŠEK, Imrich. Structural inhomogeneity of superconducting ex situ MgB2/Cu wires made by the powder-in-tube technique. In *Superconductor Science and Technology*, 2002, vol. 15, p. 1281-1287. (1.511 - IF2001). (2002 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.
Ohlasy:
[1.1] LIU, G.Q. - SUN, Y.Y. - WANG, Q.Y. - FENG, J.Q. - JIA, J.L. - YAN, G. - LI, C.S. In RARE METAL MATERIALS AND ENGINEERING. FEB 2013, vol. 42, no. 2, p. 396-399., WOS

ADCA549 PACHLA, W. - KOVÁČ, Pavol - MARCINIAK, H. - GÖMÖRY, Fedor - HUŠEK, Imrich - POCHABA, Ivan. Structural and electrical properties of Bi(Pb)-Sr-Ca-Cu-O obtained by hot precissing. In *Physica C*, 1995, vol. 248, p. 29-41.
Ohlasy:
[1.2] Parinov, I.A.: In: Microstructure and Properties of High-Temperature Superconductors. Berlin: Springer-Verlag 2012. 2nd ed. ISBN: 978-3-642-34440-4 779 s., SCOPUS

ADCA550 PACHLA, W. - KOVÁČ, Pavol - HUŠEK, Imrich - MELIŠEK, Tibor - MÜLLER, M. - ŠTRBÍK, Vladimír - MAZUR, A. - PRESZ, A. The effect of hydrostatic extrusion on the Jc (B) characteristic of ex situ MgB2 wires. In *Superconductor Science and Technology*, 2005, vol. 18, p. 552-556. (1.556 - IF2004). (2005 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.
Ohlasy:
[1.1] BHADAURIA, P.P.S. - GUPTA, A. - KISHAN, H. - NARLIKAR, A.V. In JOURNAL OF APPLIED PHYSICS. FEB 14 2013, vol. 113, no. 6., WOS
[1.1] FUJII, H. - OZAWA, K. - KITAGUCHI, H. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAR 2014, vol. 27, no. 3., WOS

ADCA551 PARDO, Enric - ŠOUC, Ján - VOJENČIAK, Michal - GÖMÖRY, Fedor. AC loss and voltage signal in a pancake coil made of coated conductor with ferromagnetic substrate. In *IEEE Transactions on Applied Superconductivity*, 2009, vol. 19, p. 2223-2227. (0.919 - IF2008). (2009 - Current Contents, SCOPUS).
Ohlasy:
[1.1] ZHANG, M. - KVITKOVIC, J. - KIM, J.H. - KIM, C.H. - PAMIDI, S.V. - COOMBS, T.A. In APPLIED PHYSICS LETTERS. SEP 3 2012, vol. 101, no. 10., WOS

ADCA552 PARDO, Enric - ŠOUC, Ján - KOVÁČ, Ján. AC loss in ReBCO pancake coils and stacks of them: modelling and measurement. In *Superconductor Science and Technology*, 2012, vol. 25, 035008. (2.662 - IF2011). (2012 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:
[1.1] GRINENKO, V. - FUCHS, G. - NENKOV, K. - HOLZAPFEL, B. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAR 2013, vol. 26, no. 3., WOS
[1.1] CHEN, Y.R. - ZHANG, M. - CHUDY, M. - MATSUDA, K. - COOMBS, T. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. JUN 2013, vol. 489, p. 1-7., WOS
[1.1] CHEN, Y.R. - ZHANG, M. - CHUDY, M. - MATSUDA, K. - COOMBS, T. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. APR 2013, vol. 487, p. 31-36., WOS
[1.1] CHUDY, M. - CHEN, Y.R. - ZHANG, M. - COOMBS, T.A. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUL 2013, vol. 26, no. 7., WOS
[1.2] Long, N.J., Badcock, R.A., Bumby, C.W., Jiang, Z., Buckley, R.G.: In Miryala, M.: Superconductivity: Recent developments and new production technologies Superconductivity: Recent Developments and New Production Technologies Nova Science Publishers, Inc. 2012 ISBN: 978-162257137-6 pp. 259-288, SCOPUS

ADCA553 PARDO, Enric - ŠOUC, Ján - VOJENČIAK, Michal. AC loss measurement and simulation of a coated conductor pancake coil with ferromagnetic parts. In *Superconductor Science and Technology*, 2009, vol. 22, art. no. 075007. (1.847 - IF2008). (2009 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.
Ohlasy:
[1.1] AINSLIE, M.D. - YUAN, W.J. - FLACK, T.J. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 2., WOS
[1.1] AMARO, N. - PINA, J.M. - MARTINS, J. - CEBALLOS, J.M. In TECHNOLOGICAL INNOVATION FOR THE INTERNET OF THINGS. 2013, vol. 394, p. 449-456., WOS
[1.1] DEL-VALLE, N. - AGRAMUNT-PUIG, S. - NAVAU, C. - SANCHEZ, A. In JOURNAL OF APPLIED PHYSICS. JAN 1 2012, vol. 111, no. 1., WOS
[1.1] GOMORY, F. In HIGH TEMPERATURE SUPERCONDUCTORS (HTS) FOR ENERGY APPLICATIONS. 2012, no. 27, p. 216-256., WOS
[1.1] JIANG, Z.A. - LONG, N.J. - BADCOCK, R.A. - STAINES, M. - SLADE, R.A. - CAPLIN, A.D. - AMEMIYA, N. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAR 2012, vol. 25, no. 3., WOS
[1.2] Cicek, A., Inanir, F. Progress in Exergy, Energy, and the Environment Eds. Ibrahim Dincer, Adnan Midilli, Haydar Kucuk. Springer 2014. ISBN: 978-3-319-04680-8. P. 453-458, SCOPUS

ADCA554 PARDO, Enric. Calculation of AC loss in coated conductor coils with a large number of turns. In *Superconductor Science and Technology*, 2013, vol. 26, 105017. (2.758 - IF2012). (2013 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.
Ohlasy:
[1.1] GU, C. - QU, T.M. - LI, X.F. - HAN, Z.H. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. FEB 2014, vol. 24, no. 1., WOS
[1.1] ZHANG, M. - YUAN, W.J. - HILTON, D.K. - CANASSY, M.D. -

TROCIEWITZ, U.P. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. SEP 2014, vol. 27, no. 9., WOS

ADCA555 PARDO, Enric - GÖMÖRY, Fedor - ŠOUC, Ján - CEBALLOS, J.M. Current distribution and ac loss for a superconducting rectangular strip with in-phase alternating current and applied field. In *Superconductor Science and Technology*. - Bristol : IOP Publishing Ltd., 2007, vol. 20, p. 351-364. (1.440 - IF2006). (2007 - Current Contents, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] GU, C. - QU, T.M. - LI, X.F. - HAN, Z.H. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. APR 2013, vol. 23, no. 2., WOS

[1.1] LAHTINEN, V. - STENVALL, A. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. MAR 2014, vol. 27, no. 3, p. 641-650., WOS

[1.1] NAVAU, C. - DEL-VALLE, N. - SANCHEZ, A. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. FEB 2013, vol. 23, no. 1., WOS

[1.1] PITEL, J. - KOVAC, P. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. DEC 2011, vol. 471, no. 23-24, p. 1680-1688., WOS

[1.1] ROSTILA, L. - BRISIGOTTI, S. - GRASSO, G. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. JAN 2011, vol. 24, no. 1-2, p. 313-317., WOS

[1.1] RUIZ, H.S. - BADIA-MAJOS, A. - GENENKO, Y.A. - RAUH, H. - YAMPOLSKII, S.V. In APPLIED PHYSICS LETTERS. MAR 12 2012, vol. 100, no. 11., WOS

[1.1] RUIZ, H.S. - BADIA-MAJOS, A. - GENENKO, Y.A. - YAMPOLSKII, S.V. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 3., WOS

[1.1] RUIZ, H.S. - BADIA-MAJOS, A. In JOURNAL OF APPLIED PHYSICS. MAY 21 2013, vol. 113, no. 19., WOS

[1.1] SCHWERG, N. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. AUG 2012, vol. 22, no. 4., WOS

[1.1] ZERMENO, V.M.R. - GRILLI, F. - SIROIS, F. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAY 2013, vol. 26, no. 5., WOS

[1.1] ZHILICHEV, Y. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. AUG 2013, vol. 23, no. 4., WOS

ADCA556 PARDO, Enric - VOJENČIAK, Michal - GÖMÖRY, Fedor - ŠOUC, Ján. Low-magnetic-field dependence and anisotropy od the critical current density in coated conductors. In *Superconductor Science and Technology*, 2011, vol. 24, 065007. (2.402 - IF2010). (2011 - Current Contents, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] BRUZEK, C.E. - ALLAIS, A. - MORICE, S. - THEUNE, C.F. - PETIT, S. - MIKOLAJCZYK, M. - DECHOUX, N. - JIMENEZ, C. - SARIGIANNIDOU, E. - PORCAR, L. - SOUBEYROUX, J.L. - ODIER, P. - WAECKERLE, T. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2012, vol. 22, no. 3., WOS

[1.1] CHEN, Y.R. - ZHANG, M. - CHUDY, M. - MATSUDA, K. -

COOMBS, T. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. JUN 2013, vol. 489, p. 1-7., WOS
[1.1] CHEN, Y.R. - ZHANG, M. - CHUDY, M. - WANG, W. - ZHONG, Z.Y. - HUANG, Z. - COOMBS, T. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 3., WOS
[1.1] CHEN, Y.R. - ZHANG, M. - CHUDY, M. - MATSUDA, K. - COOMBS, T. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. APR 2013, vol. 487, p. 31-36., WOS
[1.1] JIANG, Z.A. - LONG, N.J. - STAINES, M. - LI, Q. - SLADE, R.A. - AMEMIYA, N. - CAPLIN, A.D. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. DEC 2012, vol. 22, no. 6., WOS
[1.1] LECREVISSE, T. - GHELLER, J.M. - LOUCHART, O. - REY, J.M. - TIXADOR, P. In SUPERCONDUCTIVITY CENTENNIAL CONFERENCE 2011. 2012, vol. 36, p. 681-686., WOS
[1.1] MESSINA, G. - MORICI, L. - VETRELLA, U. Besi - CELENTANO, G. - MARCHETTI, M. - SABATINO, P. - VIOLA, R. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2014, vol. 24, no. 3., WOS
[1.1] MESSINA, G. - MORICI, L. - VETRELLA, U. Besi - CELENTANO, G. - MARCHETTI, M. - VIOLA, R. - SABATINO, P. In 11TH EUROPEAN CONFERENCE ON APPLIED SUPERCONDUCTIVITY (EUCAS2013), PTS 1-4. 2014, vol. 507., WOS
[1.1] NAKAO, K. - HIRATA, N. - ITOH, A. - MURAYAMA, Y. - SEKI, T. - MACHI, T. - TANABE, K. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAY 2013, vol. 26, no. 5., WOS
[1.1] PITEL, J. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. DEC 2013, vol. 26, no. 12., WOS
[1.1] PITEL, J. - KOVAC, P. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. DEC 2011, vol. 471, no. 23-24, p. 1680-1688., WOS
[1.1] SU, X.L. - XIONG, L.T. - GAO, Y.W. - ZHOU, Y.H. In JOURNAL OF LOW TEMPERATURE PHYSICS. JUL 2013, vol. 172, no. 1-2, p. 154-161., WOS
[1.1] VETRELLA, U. Besi - CELENTANO, G. - MARCHETTI, M. - MESSINA, G. - MORICI, L. - SABATINO, P. - VIOLA, R. - DELLA CORTE, A. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2014, vol. 24, no. 3., WOS
[1.1] WIMBUSH, S.C. - LONG, N.J. In NEW JOURNAL OF PHYSICS. AUG 16 2012, vol. 14., WOS
[1.1] ZHANG, M. - KIM, J.H. - PAMIDI, S. - CHUDY, M. - YUAN, W.J. - COOMBS, T.A. In JOURNAL OF APPLIED PHYSICS. APR 15 2012, vol. 111, no. 8., WOS
[1.2] Krüger, P.: Optimisation of Hysteretic Losses in High-Temperature Superconducting Wires. PhD Thesis Karlsruhe: KIT Sci Publ., 2014 ISBN 978-3-73150-185-5., SCOPUS

ADCA557 PARDO, Enric. Modeling of coated conductor pancake coils with a large number of turns. In *Superconductor Science and Technology*, 2008, vol. 21, 065014. (2.547 - IF2007). (2008 - Current Contents, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] AINSLIE, M.D. - FLACK, T.J. - CAMPBELL, A.M. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. JAN 2012, vol. 472, no. 1, p. 50-56., WOS

[1.1] GOMORY, F. In HIGH TEMPERATURE SUPERCONDUCTORS (HTS) FOR ENERGY APPLICATIONS. 2012, no. 27, p. 216-256., WOS

[1.1] GOMORY, F. - INANIR, F. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2012, vol. 22, no. 3., WOS

[1.1] GRINENKO, V. - FUCHS, G. - NENKOV, K. - STIEHLER, C. - VOJENCIAK, M. - REIS, T. - OSWALD, B. - HOLZAPFEL, B. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUL 2012, vol. 25, no. 7., WOS

[1.1] GU, C. - QU, T. - LI, X. - HAN, Z. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. FEB 2014, vol. 24, no. 1., WOS

[1.1] GU, C. - QU, T.M. - LI, X.F. - HAN, Z.H. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. APR 2013, vol. 23, no. 2., WOS

[1.1] CHEN, Y.R. - ZHANG, M. - CHUDY, M. - MATSUDA, K. - COOMBS, T. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. JUN 2013, vol. 489, p. 1-7., WOS

[1.1] CHEN, Y.R. - ZHANG, M. - CHUDY, M. - WANG, W. - ZHONG, Z.Y. - HUANG, Z. - COOMBS, T. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 3., WOS

[1.1] CHEN, Y.R. - ZHANG, M. - CHUDY, M. - MATSUDA, K. - COOMBS, T. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. APR 2013, vol. 487, p. 31-36., WOS

[1.1] CHUDY, M. - CHEN, Y.R. - ZHANG, M. - COOMBS, T.A. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUL 2013, vol. 26, no. 7., WOS

[1.1] LAHTINEN, V. - STENVALL, A. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. MAR 2014, vol. 27, no. 3, p. 641-650., WOS

[1.1] NAVAU, C. - DEL-VALLE, N. - SANCHEZ, A. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. FEB 2013, vol. 23, no. 1., WOS

[1.1] PITEL, J. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. DEC 2013, vol. 26, no. 12., WOS

[1.1] PITEL, J. - KOVAC, P. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. DEC 2011, vol. 471, no. 23-24, p. 1680-1688., WOS

[1.1] PRIGOZHIN, L. - SOKOLOVSKY, V. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUL 2011, vol. 24, no. 7., WOS

[1.1] SEILER, E. - ABRAHAMSEN, A.B. - KOVAC, J. - WICHMANN, M. - TRAEHOLT, C. In SUPERCONDUCTIVITY CENTENNIAL CONFERENCE 2011. 2012, vol. 36, p. 980-984., WOS

[1.1] STENVALL, A. - LAHTINEN, V. - LYLY, M. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. OCT 2014, vol. 27, no. 10., WOS

[1.1] YUAN, W.J. In SECOND-GENERATION HIGH-TEMPERATURE SUPERCONDUCTING COILS AND THEIR APPLICATIONS FOR ENERGY STORAGE. ISSN 2190-5053, 2011, p. 5-23., WOS

[1.1] YUAN, W.J. In SECOND-GENERATION HIGH-TEMPERATURE SUPERCONDUCTING COILS AND THEIR APPLICATIONS FOR ENERGY STORAGE. ISSN 2190-5053, 2011, p. 53-104., WOS
[1.1] ZERMENO, V.M.R. - ABRAHAMSEN, A.B. - MIJATOVIC, N. - SORENSEN, M.P. - JENSEN, B.B. - PEDERSEN, N.F. In SUPERCONDUCTIVITY CENTENNIAL CONFERENCE 2011. 2012, vol. 36, p. 786-790., WOS
[1.1] ZERMENO, V.M.R. - GRILLI, F. - SIROIS, F. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAY 2013, vol. 26, no. 5., WOS
[1.1] ZHANG, M. - KIM, J.H. - PAMIDI, S. - CHUDY, M. - YUAN, W.J. - COOMBS, T.A. In JOURNAL OF APPLIED PHYSICS. APR 15 2012, vol. 111, no. 8., WOS
[1.1] ZHANG, M. - KVITKOVIC, J. - PAMIDI, S.V. - COOMBS, T.A. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. DEC 2012, vol. 25, no. 12., WOS

ADCA558 PARDO, Enric - GRILLI, F. Numerical simulations of the angular dependence of magnetization AC losses: coated conductors, Roebel cables and double pancake coils. In *Superconductor Science and Technology*, 2012, vol. 25, 014008. (2.662 - IF2011). (2012 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:
[1.1] AMEMIYA, N. - TSUKAMOTO, T. - NII, M. - KOMEDA, T. - NAKAMURA, T. - JIANG, Z. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAR 2014, vol. 27, no. 3., WOS
[1.1] GRINENKO, V. - FUCHS, G. - NENKOV, K. - HOLZAPFEL, B. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAR 2013, vol. 26, no. 3., WOS
[1.1] JIANG, Z.N. - KOMEDA, T. - AMEMIYA, N. - LONG, N.J. - STAINES, M. - BADCOCK, R.A. - BUMBY, C. - BUCKLEY, R.G. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAR 2013, vol. 26, no. 3., WOS
[1.1] MA, G.-T. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUN 2014, vol. 27, no. 6., WOS
[1.1] NAVAU, C. - DEL-VALLE, N. - SANCHEZ, A. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. FEB 2013, vol. 23, no. 1., WOS
[1.1] NII, M. - AMEMIYA, N. - NAKAMURA, T. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. SEP 2012, vol. 25, no. 9., WOS
[1.1] RAUH, H. - MA, G.T. In JOURNAL OF APPLIED PHYSICS. NOV 21 2013, vol. 114, no. 19., WOS
[1.1] SOGABE, Y. - NII, M. - TSUKAMOTO, T. - NAKAMURA, T. - AMEMIYA, N. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2014, vol. 24, no. 3., WOS
[1.1] SOLOVYOV, M. - SOUC, J. - GOEMOERY, F. In 11TH EUROPEAN CONFERENCE ON APPLIED SUPERCONDUCTIVITY (EUCAS2013), PTS 1-4. 2014, vol. 507., WOS
[1.1] SU, X.L. - XIONG, L.T. - GAO, Y.W. - ZHOU, Y.H. In JOURNAL OF LOW TEMPERATURE PHYSICS. JUL 2013, vol. 172, no. 1-2, p. 154-161.,

WOS
[1.1] XIA J. - ZHOU, Y. In SCIENCE CHINA-TECHNOLOGICAL SCIENCES. APR 2014, vol. 57, no. 4, p. 765-772., WOS
[1.1] XIA, J. - YONG, H.D. - ZHOU, Y.H. In JOURNAL OF APPLIED PHYSICS. SEP 7 2013, vol. 114, no. 9., WOS
[1.1] XUE, C. - ZHOU, Y. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. AUG 2014, vol. 24, no. 4., WOS
[1.1] YONG, H.D. - JING, Z. - ZHOU, Y.H. In JOURNAL OF APPLIED PHYSICS. NOV 15 2012, vol. 112, no. 10., WOS
[1.1] ZHANG, M. - KIM, J.H. - PAMIDI, S. - CHUDY, M. - YUAN, W.J. - COOMBS, T.A. In JOURNAL OF APPLIED PHYSICS. APR 15 2012, vol. 111, no. 8., WOS
[1.1] ZHANG, M. - KVITKOVIC, J. - KIM, C.H. - PAMIDI, S.V. - COMBS, T.A. In JOURNAL OF APPLIED PHYSICS. JUL 28 2013, vol. 114, no. 4., WOS
[1.2] Xia, J., Zhou, Y.-H. 13th International Conference on Fracture 2013, 4, pp. 3289-3297, SCOPUS

ADCA559 PARDO, Enric - KOVÁČ, Ján - ŠOUC, Ján. Power loss in ReBCO racetrack coils under AC applied magnetic field and DC current. In *IEEE Transactions on Applied Superconductivity*, 2013, vol. 23, 4701305. (1.199 - IF2012). (2013 - Current Contents, SCOPUS). ISSN 1051-8223.
Ohlasy:
[1.1] CHUDY, M. - CHEN, Y. - ZHANG, M. - BAGHDADI, M. - LALK, J. - PRETORIUS, T. - COOMBS, T. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. FEB 2014, vol. 24, no. 1., WOS
[1.1] LAHTINEN, V. - STENVALL, A. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. MAR 2014, vol. 27, no. 3, p. 641-650., WOS
[1.1] MAGNUSSON, N. - ABRAHAMSEN, A. B. - LIU, D. - RUNDE, M. - POLINDER, H. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. NOV 15 2014, vol. 506, SI, p. 133-137., WOS
[1.1] WANG, J. - QU, R. - LIU, Y. - LI, J. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2014, vol. 24, no. 3., WOS

ADCA560 PASKALEVA, A. - ŤAPAJNA, Milan - ATANASOVA, E. - FRÖHLICH, Karol - VINCZE, A. - DOBROČKA, Edmund. Effect of Ti doping on Ta2O5 stacks with Ru and Al gates. In *Applied Surface Science*, 2008, vol. 254, p. 5879-5885. (1.410 - IF2007). (2008 - Current Contents). ISSN 0169-4332.
Ohlasy:
[1.1] LU, L. - NISHIDA, T. - ECHIZEN, M. - ISHIKAWA, Y. - UCHIYAMA, K. - URAOKA, Y. In APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING. AUG 2013, vol. 112, no. 2, p. 425-430., WOS
[1.1] MAHATA, C. - DAS, T. - MALLIK, S. - HOTA, M.K. - VARMA, S. - MAITI, C.K. In ELECTROCHEMICAL AND SOLID STATE LETTERS. 2011, vol. 14, no. 2, p. H80-H83., WOS

ADCA561 PASKALEVA, A. - ŤAPAJNA, Milan - DOBROČKA, Edmund - HUŠEKOVÁ, Kristína - ATANASSOVA, E. - FRÖHLICH, Karol. Structural and dielectric properties of Ru-based gate/Hf-doped Ta2O5 stacks. In *Applied Surface*

Science, 2011, vol. 257, p. 7876-7880. (1.793 - IF2010). (2011 - Current Contents). ISSN 0169-4332.

Ohlasy:

[1.1] LIU, S.S. - LIU, X.X. - QIU, K. - SONG, P. In JOURNAL OF THEORETICAL & COMPUTATIONAL CHEMISTRY. AUG 2012, vol. 11, no. 4, p. 895-905., WOS

[1.1] LORENZI, P. - RAO, R. - PRIFTI, T. - IRRERA, F. In MICROELECTRONICS RELIABILITY. SEP-NOV 2013, vol. 53, no. 9-11, SI, p. 1203-1207., WOS

[1.1] RAO, R. - LORENZI, P. - IRRERA, F. In JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B. MAY 2014, vol. 32, no. 3., WOS

ADCA562 PELOSI, C. - ATTOLINI, G. - FRIGERI, C. - BERSANI, M. - GIUBERTONI, D. - VANZETTI, L. - KÚDELA, Róbert. In-depth analysis of the interfaces in InGaP/GaAs heterosystems. In *European Physical Journal - Applied Physics*, 2004, vol. 27, p. 379-383.

Ohlasy:

[1.1] LASERNA, J.J. - LOZANO, H.T. - VADILLO, J.M. - PADILLA, D. In INTERNATIONAL CONGRESS OF MECHANICAL ENGINEERING AND AGRICULTURAL SCIENCES - CIIMCA 2013. 2014, vol. 59., WOS

ADCA563 PERNÝ, M. - MIKOLÁŠEK, M. - ŠÁLY, V. - RUŽINSKÝ, M. - ĎURMAN, V. - PAVUK, M. - HURAN, Jozef - ORSZÁGH, J. - MATEJČÍK, Š. Behaviour of amorphous silicon carbide in Au/a-SiC/Si heterostructures prepared by PECVD technology using two different RF modes. In *Applied Surface Science*, 2013, vol. 269, p.143-147. (2.112 - IF2012). (2013 - Current Contents, WOS, SCOPUS). ISSN 0169-4332.

Ohlasy:

[1.1] DRINEK, V. - STRASAK, T. - NOVOTNY, F. - FAJGAR, R. - BASTL, Z. In APPLIED SURFACE SCIENCE. FEB 15 2014, vol. 292, p. 413-419., WOS

[1.1] LEAL, G. - CAMPOS, T.M.B. - SOBRINHO, A.S.D. - PESSOA, R.S. - MACIEL, H.S. - MASSI, M. In MATERIALS RESEARCH-IBERO-AMERICAN JOURNAL OF MATERIALS. MAR-APR 2014, vol. 17, no. 2, p. 472-476., WOS

[1.2] Campos, T.M.B., Da Silva Sobrinho, A.S., Pessoa, R.S., Maciel, H.S., Massi, M.: Materials Research 17 (2014), pp. 472-476, SCOPUS

ADCA564 PIGNARD, S. - VINCENT, H. - SENATEUR, J.P. - FRÖHLICH, Karol - ŠOUC, Ján. Effect of crystallinity on the magnetoresistive properties of La0.8MnO3-ë thin films grown by chemical vapour deposition. In *Applied Physics Letters*, 1998, vol. 73, no., p. 999-1001. (3.033 - IF1997). (1998 - Current Contents, SCOPUS). ISSN 0003-6951.

Ohlasy:

[1.1] RAO, C.N. - SAMATHAM, S.S. - GANESAN, V. - SATHE, V.G. - PHASE, D.M. - KALE, S.N. In JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS. NOV 2012, vol. 324, no. 22, p. 3766-3772., WOS

[1.1] WANG, Z.M. - XU, Q.Y. - SUN, J.Z. - PAN, J.A. - ZHANG, H. In PHYSICA B-CONDENSED MATTER. APR 1 2011, vol. 406, no. 8, p. 1436-1440., WOS

ADCA565 PINČÍK, Emil - JERGEL, Matej - FALCONY, C. - ORTEGA, L. - IVANČO, Jozef - BRUNNER, Róbert - KUČERA, Michal. Low-energy particle treatment of GaAs surface. In *Thin Solid Films : International Journal on the Science and Technology of Thin and Thick Films*, 2003, vol. 433, p. 108-113. ISSN 0040-6090.

Ohlasy:

[1.1] KLYUI, N.I. - LIPTUGA, A.I. - LOZINSKII, V.B. - OKSANICH, A.P. - TERBAN, V.A. - FOMOVSKII, F.V. Increasing the degradation resistance of semi-insulating gallium arsenide crystals by plasma processing. In TECHNICAL PHYSICS LETTERS. NOV 2012, vol. 38, no. 11, p. 1016-1019., WOS

[1.1] KLYUI, N.I. - LIPTUGA, A.I. - LOZINSKII, V.B. - LUKYANOV, A.N. - OKSANICH, A.P. - TERBAN, V.A. Application of diamond-like carbon films to increase transmission of semi-insulating GaAs crystals in the IR spectral range. In TECHNICAL PHYSICS LETTERS. JUL 2012, vol. 38, no. 7, p. 609-612., WOS

ADCA566 PINČÍK, Emil - KOBAYASHI, H. - RUSNÁK, Jaroslav - KIM, W.B. - BRUNNER, Róbert - MALINOVSKÝ, Ľudovít - MATSUMOTO, T. - IMAMURA, K. - JERGEL, Matej - TAKAHASHI, M. - HIGASHI, Y. - KUČERA, Michal - MIKULA, M. On ultra-thin oxide/Si and very-thin oxide/Si structures prepared by wet chemical process. In *Applied Surface Science*, 2010, vol. 256, no. 19, p. 5757-5764. (1.616 - IF2009). (2010 - Current Contents). ISSN 0169-4332.

Ohlasy:

[1.1] ANGERMANN, H. Conditioning of Si-interfaces by wet-chemical oxidation: Electronic interface properties study by surface photovoltage measurements. In APPLIED SURFACE SCIENCE. SEP 1 2014, vol. 312, p. 3-16., WOS

[1.1] ANGERMANN, H. - WOLKE, K. - GOTTSCHALK, C. - MOLDOVAN, A. - ROCZEN, M. - FITTKAU, J. - ZIMMER, M. - RENTSCH, J. Electronic interface properties of silicon substrates after ozone based wet-chemical oxidation studied by SPV measurements. In APPLIED SURFACE SCIENCE. AUG 15 2012, vol. 258, no. 21, p. 8387-8396., WOS

[1.2] ANGERMANN, H. - GREF, O. - STEGEMANN, B. Effect of wet-chemical substrate smoothing on passivation of ultrathin-SiO2/n-Si(111) interfaces prepared with atomic oxygen at thermal impact energies. In Central European Journal of Physics, 2011, vol.9, no.6, 1472-1481., SCOPUS

[1.2] BORDIHN, S. - ENGELHART, P. - MERTENS, V. - KESSER, G. - KÖHN, D. - DINGEMANS, G. - MANDOC, M.M. - MÜLLER, J.W. - KESSELS, W.M.M. High surface passivation quality and thermal stability of ALD Al 2O3 on wet chemical grown ultra-thin SiO2 on silicon. In Energy Procedia, 2011, vol.8, 654-659., SCOPUS

ADCA567 PINČÍK, Emil - KOBAYASHI, Hikaru - RUSNÁK, Jaroslav - TAKAHASHI, Masao - MIKULA, M. - KIM, Woo Byoung - KUČERA, Michal - BRUNNER, Róbert - JUREČKA, S. Passivation of Si-based structures in HCN and KCN solutions. In *Applied Surface Science*, 2012, vol. 258, p. 8397-8405. (2.103 - IF2011). (2012 - Current Contents). ISSN 0169-4332.

Ohlasy:

[1.1] ANGERMANN, H. Conditioning of Si-interfaces by wet-chemical oxidation: Electronic interface properties study by surface photovoltage

measurements. In APPLIED SURFACE SCIENCE. SEP 1 2014, vol. 312, p. 3-16., WOS

ADCA568 PINČÍK, Emil - KOBAYASHI, H. - GLESKOVÁ, H. - KUČERA, Michal - ORTEGA, L. - JERGEL, Matej - FALCONY, C. - BRUNNER, Róbert - SHIMIZU, T. - NÁDAŽDY, Vojtech - ZEMAN, Milan - MIKULA, M. - KUMEDA, M - VAN SWAAIJAND, R.A.C.M.M. Photoluminescence properties of a-Si:H based thin films and corresponding solar cells. In *Thin Solid Films*, 2003, vol. 433, p. 344-351.

Ohlasy:

[1.1] WU, D.D. - MA, Y.Q. - ZHANG, X. - QIAN, S.B. - ZHENG, G.H. - WU, M.Z. - LI, G. - SUN, Z.Q. Dy3+ activated LaVO4 films synthesized by precursors with different solution concentrations. In JOURNAL OF RARE EARTHS. APR 2012, vol. 30, no. 4, p. 325-329., WOS

ADCA569 PINČÍK, Emil - GLESKOVÁ, H. - MÜLLEROVÁ, J. - NÁDAŽDY, Vojtech - MRÁZ, S. - ORTEGA, L. - JERGEL, Matej - FALCONY, C. - BRUNNER, Róbert - GMUCOVÁ, Katarína - ZEMAN, Milan - VAN SWAAIJ, R.A.C.M.M. - KUČERA, Michal - JURÁNI, R. - ZAHORAN, M. Properties of semiconductor surfaces covered with very thin insulating overlayers prepared by impacts of low-energy particles. In *Vacuum*, 2002, vol. 67, p. 131-141. ISSN 0042-207X.

Ohlasy:

[1.1] BUTVINOVA, B. - BUTVIN, P. - MAT'KO, I. - KADLECIKOVA, M. - KUZMINSKI, M. - SVEC, P. Surface mediated impact of thermal treatment ambience on magnetic properties of Fe-Nb-Cu-B-Si nanocrystalline ribbons. In APPLIED SURFACE SCIENCE. MAY 15 2014, vol. 301, SI, p. 119-125., WOS

ADCA570 PÍSEČNÝ, Pavol - HUŠEKOVÁ, Kristína - FRÖHLICH, Karol - HARMATHA, L. - ŠOLTÝS, Ján - MACHAJDÍK, Daniel - ESPINOS, J.P. - JERGEL, Matej - JAKABOVIČ, J. Growth of lanthanium oxide films for application as a gate dielectrics in CMOS technology. In *Materials science in semiconductor processing*, 2004, vol. 7, p. 231-236.

Ohlasy:

[1.1] KHARLAMOVA, T.S. - MATVEEV, A.S. - ISHCHENKO, A.V. - SALANOV, A.N. - KOSHCHEEV, S.V. - BORONIN, A.I. - SADYKOV, V.A. Synthesis and physicochemical and catalytic properties of apatite-type lanthanum silicates. In KINETICS AND CATALYSIS. MAY 2014, vol. 55, no. 3, p. 361-371., WOS

[1.1] LONG, Y.L. - YANG, J. - LI, X.C. - HUANG, W.Y. - TANG, Y. - ZHANG, Y.M. In JOURNAL OF RARE EARTHS. JAN 2012, vol. 30, no. 1, p. 48-52., WOS

[1.1] MANGLA, O. - SRIVASTAVA, A. - MALHOTRA, Y. - OSTRIKOV, K. Lanthanum oxide nanostructured films synthesized using hot dense and extremely non-equilibrium plasma for nanoelectronic device applications. In JOURNAL OF MATERIALS SCIENCE. FEB 2014, vol. 49, no. 4, p. 1594-1605., WOS

[1.1] SALAVATI-NIASARI, M. - HOSSEINZADEH, G. - DAVAR, F. In JOURNAL OF ALLOYS AND COMPOUNDS. JAN 5 2011, vol. 509, no. 1, p. 134-140., WOS

[1.1] ZHAO, Y. In MATERIALS. AUG 2012, vol. 5, no. 8, p. 1413-1438., WOS

[1.2] Zhao, Y.: In High-k Gate Dielectrics for CMOS Technology. Weinheim: Wiley-VCH 2012. ISBN 978-3-527-33032-4. P. 185., SCOPUS

ADCA571 PITEL, Jozef - KOVÁČ, Pavol - HUŠEK, Imrich. Calculation of the critical currents of Bi(2223)/Ag tapes and coils with reduced anisotropy in Ic(B) characteristic - effect of different proportional representations of the filaments oriented parallel and perpendicularly to tape surface. In *Physica C : Superconductivity and Its Applications*, 2000, vol. 330, p. 130-140. (1.114 - IF1999). (2000 - Current Contents, SCOPUS). ISSN 0921-4534.

Ohlasy:

[1.1] TSUZUKI, K. - MOTOHIRO, M. - FELDER, B. - WATASAKI, M. - KASE, S. - SATO, R. - IZUMI, M. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 2., WOS

ADCA572 PITEL, Jozef - KOVÁČ, Pavol. Compensation of the radial magnetic field component of solenoids wound with the anisotropic Bi(2223)/Ag tape. In *Superconductor Science and Technology*, 1997, vol. 10, p. 847. (1.447 - IF1996). (1997 - Current Contents, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] CHUDY, M. - CHEN, Y.R. - ZHANG, M. - COOMBS, T.A. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUL 2013, vol. 26, no. 7., WOS

[1.1] CHUDY, M. - CHEN, Y. - ZHANG, M. - BAGHDADI, M. - LALK, J. - PRETORIUS, T. - COOMBS, T. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. FEB 2014, vol. 24, no. 1., WOS

[1.1] ISHIGURI, S. In CRYOGENICS. JUL-SEP 2012, vol. 52, no. 7-9, p. 416-419., WOS

[1.1] ISHIGURI, S. - FUNAMOTO, T. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. JUN 2011, vol. 471, no. 11-12, p. 333-337., WOS

[1.1] ISHIGURI, S. - KIUCHI, D. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. APR 2014, vol. 24, no. 2., WOS

[1.1] KITAGUCHI, H. - KUMAKURA, H. - HAYASHI, T. - FUJINO, K. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 2, p. 1624-1627., WOS

[1.1] NAGAI, M. - ISHIGURI, S. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. DEC 2013, vol. 495, p. 213-216., WOS

[1.1] TOMOBUCHI, Y. - ISHIGURI, S. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. AUG 2012, vol. 22, no. 4., WOS

[1.1] ZHANG, M. - KIM, J.H. - PAMIDI, S. - CHUDY, M. - YUAN, W.J. - COOMBS, T.A. In JOURNAL OF APPLIED PHYSICS. APR 15 2012, vol. 111, no. 8., WOS

ADCA573 PITEL, Jozef - KOVÁČ, Pavol - LEHTONEN, J. - PAASI, J. Energy storage critical current considerations of Bi(2223)/Ag coils for micro-superconducting magnetic energy storage: influende of operating temperature and windung geometry within the same overall tape length. In *Superconductor Science and Technology*, 2001, vol. 14, p. 173-184. (1.250 - IF2000). (2001 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:
[1.1] NAGASAKI, Y. - NAKAMURA, T. - FUNAKI, I. - ASHIDA, Y. - YAMAKAWA, H. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. SEP 2013, vol. 492, p. 96-102., WOS
[1.1] PARDO, E. - SOUC, J. - KOVAC, J. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAR 2012, vol. 25, no. 3., WOS
[1.1] PARDO, E. - VOJENCIAK, M. - GOMORY, F. - SOUC, J. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUN 2011, vol. 24, no. 6., WOS

ADCA574 PITEL, Jozef - KOVÁČ, Pavol. Influence of external magnetic field on critical currents of solenoids wound with anisotropic HTS tapes - theoretical analysis. In *Superconductor Science and Technology*, 1997, vol. 10, p. 7. (1.447 - IF1996). (1997 - Current Contents, SCOPUS). ISSN 0953-2048.
Ohlasy:
[1.1] CHUDY, M. - CHEN, Y.R. - ZHANG, M. - COOMBS, T.A. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUL 2013, vol. 26, no. 7., WOS
[1.1] CHUDY, M. - CHEN, Y. - ZHANG, M. - BAGHDADI, M. - LALK, J. - PRETORIUS, T. - COOMBS, T. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. FEB 2014, vol. 24, no. 1., WOS
[1.1] PARDO, E. - VOJENCIAK, M. - GOMORY, F. - SOUC, J. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUN 2011, vol. 24, no. 6., WOS
[1.1] PARKINSON, B.J. - SLADE, R. - MALLETT, M.J.D. - CHAMRITSKI, V. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 2., WOS
[1.1] POLAK, M. - PARDO, E. - MOZOLA, P. - SOUC, J. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2012, vol. 22, no. 3., WOS

ADCA575 PITEL, Jozef - KOVÁČ, Pavol - MELIŠEK, Tibor - KASZTLER, A. - KIRCHMAYR, H. Influence of the winding geometry on the critical currents and magnetic fields of cylindrical coils made of Bi(2223)Ag anisotropic tapes. In *IEEE Transactions on Applied Superconductivity*, 2000, vol. 10, p. 478-481. (1.687 - IF1999). (2000 - Current Contents).
Ohlasy:
[1.1] CHEN, X.Y. - JIN, J.X. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. OCT 2014, vol. 24, no. 5., WOS

ADCA576 PITEL, Jozef - KORPELA, A. - LEHTONEN, J. - KOVÁČ, Pavol. Mathematical model of voltage-current characteristics of Bi(2223)/Ag magnets under an external magnetic field. In *Superconductor Science and Technology*, 2002, vol. 15, p. 1499-1506. (1.511 - IF2001). (2002 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.
Ohlasy:
[1.1] ALTIN, S. - ALTIN, E. - AKSAN, M.A. - BALCI, Y. - YAKINCI, M.E. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. JAN 2011, vol. 24, no. 1-2, p. 223-227., WOS
[1.1] GOMORY, F. In HIGH TEMPERATURE SUPERCONDUCTORS

(HTS) FOR ENERGY APPLICATIONS. 2012, no. 27, p. 216-256., WOS
[1.1] GRILLI, F. - PARDO, E. - STENVALL, A. - NGUYEN, D.N. - YUAN, W.J. - GOMORY, F. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. FEB 2014, vol. 24, no. 1., WOS

ADCA577 PITEL, Jozef - KOVÁČ, Pavol. On some consequences of an external magnetic field applied to HTS coils. In *Physica C*, 2011, vol. 471, p. 1680-1688. (1.415 - IF2010). (2011 - Current Contents). ISSN 0921-4534.
Ohlasy:
[1.1] CHUDY, M. - CHEN, Y.R. - ZHANG, M. - COOMBS, T.A. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUL 2013, vol. 26, no. 7., WOS

ADCA578 PITEL, Jozef - CHOVANEC, František. Superconducting open-gradient magnetic separator utilizing the braking effect of an axial component of magnetic force. In *IEEE Transactions on Applied Superconductivity*, 1999, vol. 9, p. 382-384. (0.782 - IF1998). (1999 - Current Contents, WOS, SCOPUS).
Ohlasy:
[1.1] IWASAKA, M. - KURITA, S. - OWADA, N. In JOURNAL OF APPLIED PHYSICS. APR 1 2012, vol. 111, no. 7., WOS

ADCA579 PITEL, Jozef - KOVÁČ, Pavol - HENSE, K. - KIRCHMAYR, H. Theoretical analysis of HTS windings made of Bi(2223)Ag tapes prepared by a tape-in-rectangular tube technique. In *IEEE Transactions on Applied Superconductivity*, 2002, vol. 12, p. 1475-1478.
Ohlasy:
[1.2] Parinov, I.A.: In: Microstructure and Properties of High-Temperature Superconductors. Berlin: Springer-Verlag 2012. 2nd ed. ISBN: 978-3-642-34440-4 779 s., SCOPUS

ADCA580 PLECENIK, Andrej - FRÖHLICH, Karol - ESPINOS, J.P. - HOLDAGO, J.P. - HALABICA, Andrej - PRIPKO, Mojmír - GILABERT, A. Degradation of LaMnO3-ç surface layer in LaMnO3-ç/metal interface. In *Applied Physics Letters*, 2002, vol. 81, p. 859-861. ISSN 0003-6951.
Ohlasy:
[1.1] BARRIONUEVO, D. - ORTEGA, N. - KUMAR, A. - CHATTERJEE, R. - SCOTT, J.F. - KATIYAR, R.S. In JOURNAL OF APPLIED PHYSICS. DEC 21 2013, vol. 114, no. 23., WOS

ADCA581 PLECENIK, Andrej - SATRAPINSKY, L. - KÚŠ, P. - GAŽI, Štefan - BEŇAČKA, Štefan - VÁVRA, Ivo - KOSTIČ, Ivan. MgB2 superconducting thin films on Si and Al2O3 substrates. In *Physica C*, 2001, vol. 363, p. 224-230. (1.489 - IF2000). (2001 - Current Contents, WOS, SCOPUS). ISSN 0921-4534.
Ohlasy:
[1.1] DAI, Q. - KONG, X.D. - FENG, Q.R. - YANG, Q.Q. - ZHANG, H. - NIE, R.J. - HAN, L. - MA, Y.W. - WANG, F.R. MgB2 films prepared by rapid annealing method. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. MAY 2012, vol. 475, p. 24-27., WOS
[1.1] KONG, X.D. - DAI, Q. - HAN, L. - FENG, Q.R. - GAO, Z.S. - MA, Y.W. - CHU, M.Z. - XUE, H. - LI, J.G. - WANG, F.R. - ZHANG, Y.B. In

SUPERCONDUCTOR SCIENCE & TECHNOLOGY. OCT 2011, vol. 24, no. 10., WOS

[1.1] SAHOO, B. - KEUNE, W. - KUNCSER, V. - ROHLSBERGER, R. As-grown superconducting MgB2 thin films prepared at extreme deposition conditions. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JAN 2012, vol. 25, no. 1., WOS

[1.1] ZHOU, Z.Y. - YANG, F.S. - JIANYANG - WANG, S. - FU, X.H. Preparation of MgB2 superconducting thin films at low temperature. In ADVANCED MECHANICAL DESIGN, PTS 1-3. 2012, vol. 479-481, p. 1781-1785., WOS

ADCA582 PLECENIK, Andrej - GRAJCAR, M. - SEIDEL, P. - NEBEL, R. - SCHMAUDER, T. - BEŇACKA, Štefan - DARULA, Marian. Modification of YBa2Cu3O7-beta-Au point contact interface properties by applied electric voltage. In *Physica B : condensed matter*, 1996, vol. 218, p. 209-212. (1996 - Current Contents, SCOPUS). ISSN 0921-4526.

Ohlasy:

[1.1] TULINA, N. A. - BORISENKO, I. Yu. - SHMYTKO, I. M. - IONOV, A. M. - KOLESNIKOV, N. N. - BORISENKO, D. N. In PHYSICS LETTERS A. ISSN 0375-9601, OCT 1 2012, vol. 376, no. 45, p. 3398-3401., WOS

[1.1] TULINA, N.A. - BORISENKO, I.Y. - SIROTKIN, V.V. In SOLID STATE COMMUNICATIONS. SEP 2013, vol. 170, p. 48-52., WOS

ADCA583 PLECENIK, Andrej - TOMASEK, M. - PLECENIK, T. - TRUCHLY, M. - NOSKOVIC, J. - ZAHORAN, M. - ROCH, T. - BELOGOLOVSKII, M. - ŠPANKOVÁ, Marianna - CHROMIK, Štefan - KÚŠ, P. Studies of resistance switching effects in metal/YBa2Cu3O7-x. In *Applied Surface Science*, 2010, vol. 256, p. 5684-5687. (1.616 - IF2009). (2010 - Current Contents). ISSN 0169-4332.

Ohlasy:

[1.1] SCHULMAN, A. - ACHA, C. In JOURNAL OF APPLIED PHYSICS. DEC 28 2013, vol. 114, no. 24., WOS

[1.1] TSUI, S. - SALVO, C. - LOPEZ, M. In JOURNAL OF APPLIED PHYSICS. DEC 1 2012, vol. 112, no. 11., WOS

[1.1] TULINA, N.A. - BORISENKO, I.Y. - SIROTKIN, V.V. In SOLID STATE COMMUNICATIONS. SEP 2013, vol. 170, p. 48-52., WOS

[1.1] TULINA, N.A. - BORISENKO, I.Y. - SHMYTKO, I.M. - IONOV, A.M. - KOLESNIKOV, N.N. - BORISENKO, D.N. In PHYSICS LETTERS A. OCT 1 2012, vol. 376, no. 45, p. 3398-3401., WOS

[1.1] WANG, W.H. - DONG, R.X. - YAN, X.L. - YANG, B. In JOURNAL OF PHYSICS D-APPLIED PHYSICS. NOV 30 2011, vol. 44, no. 47., WOS

[1.1] WANG, W.H. - DONG, R.X. - YAN, X.L. - YANG, B. - AN, X.L. In IEEE TRANSACTIONS ON NANOTECHNOLOGY. NOV 2012, vol. 11, no. 6, p. 1135-1139., WOS

[1.1] XUE, Y.C. - DAI, H.Y. - XUE, R.Z. - SHI, K. - CHEN, Z.P. - LI, T. - CHEN, L.M. In MATERIALS AND COMPUTATIONAL MECHANICS, PTS 1-3. 2012, vol. 117-119, 1-3, p. 811-816., WOS

[1.2] Chen, Z., Zhang, G., Xue, R., Shi, K., Li, T., Wang, C., Xue, Y. In He Jishu/Nuclear Techniques 34 (2011) , pp. 183-187, SCOPUS

ADCA584 PLECENIK, Andrej - GRAJCAR, M. - BEŇAČKA, Štefan - SEIDEL, P. - PFUCH, A. Surface characterization of high-Tc superconductors using YBa2Cu3Ox/Au and Bi2Sr2CaCu2Oy/Au point contacts. In *Physical Review B*, 1994, vol. 49, no. 14, p. 10016. (3.159 - IF1993). (1994 - Current Contents). ISSN 1098-0121.

Ohlasy:

[1.1] DAGHERO, D. - TORTELLO, M. - UMMARINO, G.A. - GONNELLI, R.S. In REPORTS ON PROGRESS IN PHYSICS. DEC 2011, vol. 74, no. 12., WOS

[1.1] DAGHERO, D. - TORTELLO, M. - UMMARINO, G.A. - STEPANOV, V.A. - BERNARDINI, F. - TROPEANO, M. - PUTTI, M. - GONNELLI, R.S. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. AUG 2012, vol. 25, no. 8., WOS

[1.1] DAGHERO, D. - TORTELLO, M. - PECCHIO, P. - STEPANOV, V.A. - GONNELLI, R.S. In LOW TEMPERATURE PHYSICS. MAR 2013, vol. 39, no. 3, p. 199-210., WOS

[1.1] GALLAGHER, P. - LEE, M. - WILLIAMS, J.R. - GOLDHABER-GORDON, D. In NATURE PHYSICS. OCT 2014, vol. 10, no. 10, p. 748-752., WOS

[1.1] GERESDI, A. - CSONTOS, M. - GUBICZA, A. - HALBRITTER, A. - MIHALY, G. In NANOSCALE. 2014, vol. 6, no. 5, p. 2613-2617., WOS

[1.1] GLOOS, K. - TUULI, E. In JOURNAL OF THE KOREAN PHYSICAL SOCIETY. MAY 2013, vol. 62, no. 10, p. 1575-1579., WOS

[1.1] GLOOS, K. - TUULI, E. In LOW TEMPERATURE PHYSICS. MAR 2013, vol. 39, no. 3, p. 252-258., WOS

[1.1] GLOOS, K. - TUULI, E. In LOW TEMPERATURE PHYSICS. OCT 2014, vol. 40, no. 10, p. 902-906., WOS

[1.1] GONNELLI, R.S. - DAGHERO, D. - TORTELLO, M. In CURRENT OPINION IN SOLID STATE & MATERIALS SCIENCE. APR 2013, vol. 17, no. 2, p. 72-80., WOS

[1.1] CHEN, T.Y. - TESANOVIC, Z. - CHIEN, C.L. In PHYSICAL REVIEW LETTERS. OCT 3 2012, vol. 109, no. 14., WOS

[1.1] CHIANG, Y.N. - DZYUBA, M.O. - SHEVCHENKO, O.G. - VASILIEV, A.N. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. DEC 2012, vol. 483, p. 149-155., WOS

[1.1] KUZMANOVSKI, D. - VAVILOV, M.G. In PHYSICAL REVIEW B. AUG 26 2011, vol. 84, no. 6., WOS

[1.1] LI, H. - YANG, X.J. In SOLID STATE COMMUNICATIONS. SEP 2012, vol. 152, no. 17, p. 1655-1659., WOS

[1.1] LI, X.W. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. FEB 2013, vol. 485, p. 35-38., WOS

[1.1] LU, X. - PARK, W.K. - YEO, S. - OH, K.H. - LEE, S.I. - BUD'KO, S.L. - CANFIELD, P.C. - GREENE, L.H. In PHYSICAL REVIEW B. MAR 25 2011, vol. 83, no. 10., WOS

[1.1] NAIDYUK, Y.G. - KVITNITSKAYA, O.E. - TIUTRINA, L.V. - YANSON, I.K. - BEHR, G. - FUCHS, G. - DRECHSLER, S.L. - NENKOV, K. - SCHULTZ, L. In PHYSICAL REVIEW B. SEP 19 2011, vol. 84, no. 9., WOS

[1.1] PENG, H.B. - DE, D. - WU, Z. - DIAZ-PINTO, C. In JOURNAL OF PHYSICS-CONDENSED MATTER. NOV 14 2012, vol. 24, no. 45., WOS

[1.1] PENG, H.B. - DE, D. - LV, B. - WEI, F.Y. - CHU, C.W. In

PHYSICAL REVIEW B. JUL 25 2013, vol. 88, no. 2., WOS
[1.1] PRIBULOVA, Z. - KACMARCIK, J. - MARCENAT, C. - SZABO, P. - KLEIN, T. - DEMUER, A. - RODIERE, P. - JANG, D.J. - LEE, H.S. - LEE, H.G. - LEE, S.I. - SAMUELY, P. In PHYSICAL REVIEW B. MAR 18 2011, vol. 83, no. 10., WOS
[1.1] SMITH, C.W. - DOLAN, P.J. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. MAY 2011, vol. 471, no. 9-10, p. 285-289., WOS
[1.1] SZABO, P. - GIROVSKY, J. - PRIBULOVA, Z. - KACMARCIK, J. - MORI, T. - SAMUELY, P. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. APR 2013, vol. 26, no. 4., WOS
[1.1] TORTELLO, M. - DAGHERO, D. - UMMARINO, G.A. - STEPANOV, V.A. - ZHIGADLO, N.D. - KARPINSKI, J. - JIANG, J. - GONNELLI, R.S. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. JUL 2012, vol. 25, no. 5, p. 1297-1301., WOS
[1.1] TUULI, E. - GLOOS, K. In LOW TEMPERATURE PHYSICS. JUN 2011, vol. 37, no. 6, p. 485-488., WOS
[1.1] TUULI, E. - GLOOS, K. In 26TH INTERNATIONAL CONFERENCE ON LOW TEMPERATURE PHYSICS (LT26), PTS 1-5. 2012, vol. 400., WOS
[1.1] UMMARINO, G.A. - DAGHERO, D. - TORTELLO, M. - GONNELLI, R.S. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. JAN 2011, vol. 24, no. 1-2, p. 247-253., WOS
[1.1] YU, W.L. - JIANG, Y.X. - HUAN, C. - CHEN, X.C. - JIANG, Z.G. - HAWKINS, S.D. - KLEM, J.F. - PAN, W. In APPLIED PHYSICS LETTERS. NOV 10 2014, vol. 105, no. 19., WOS
[1.1] ZHIGADLO, N.D. - KATRYCH, S. - BENDELE, M. - MOLL, P.J.W. - TORTELLO, M. - WEYENETH, S. - POMJAKUSHIN, V.Y. - KANTER, J. - PUZNIAK, R. - BUKOWSKI, Z. - KELLER, H. - GONNELLI, R.S. - KHASANOV, R. - KARPINSKI, J. - BATLOGG, B. In PHYSICAL REVIEW B. OCT 19 2011, vol. 84, no. 13., WOS

ADCA585 PLECENIK, T. - TOMASEK, M. - BELOGOLOVSKII, M. - TRUCHLY, M. - GREGOR, M. - NOSKOVIC, J. - ZAHORAN, M. - ROCH, T. - BOYLO, I. - ŠPANKOVÁ, Marianna - CHROMIK, Štefan - KÚŠ, P. - PLECENÍK, A. Effect of crystallographic anisotropy on the resistance switching phenomenon in perovskites. In *Journal of Applied Physics*, 2012, vol. 111, 056106. (2.168 - IF2011). (2012 - Current Contents). ISSN 0021-8979.
Ohlasy:
[1.1] SCHULMAN, A. - ACHA, C. In JOURNAL OF APPLIED PHYSICS. DEC 28 2013, vol. 114, no. 24., WOS
[1.1] TULINA, N.A. - ROSSOLENKO, A.N. - BORISENKO, I.Y. - SHMYTKO, I.M. - IONOV, A.M. - IVANOV, A.A. In MATERIALS LETTERS. DEC 1 2014, vol. 136, p. 404-406., WOS

ADCA586 PLESCH, G. - HANIC, František - JERGEL, Milan. Chemical aspects of the preparation of high Tc superconducting Tl-Ba-Ca-Cu-O films deposition from aerosol. In *Thermochimica Acta*, 1997, vol. 296, p. 95. (1997 - Current Contents).
Ohlasy:
[1.2] Xie, Q., Huang, G., Huang, Z., Wang, X., Zhang, J., Fang, F. 2014 Xiyou Jinshu/Chinese Journal of Rare Metals 38 (4), pp. 737-740, SCOPUS

[1.2] Xie, Q.-L., Huang, G.-H., Zhang, Z., Yue, H.-W., Xie, X.-P., Huang, Z.-Q., Wang, X.-H., Zhang, J., Li, J.-Y. 2014 Rengong Jingti Xuebao/Journal of Synthetic Crystals 43 (5), pp. 1174-1178, SCOPUS

ADCA587 POGANY, D. - BYCHIKHIN, S. - KUZMÍK, Ján - DUBEC, V. - JENSEN, N. - DENISON, M. - GROOS, G. - STECHER, M. - GORNIK, G. Thermal distribution during destructive pulses in ESD protection devices using a single-shot, two-dimensional interferometric method. In *IEEE Transactions on Device and Materials Reliability*, 2003, vol. 3, p. 197-201.

Ohlasy:

[1.1] DE RAAD, G. - QUAX, G. In 2014 36TH ELECTRICAL OVERSTRESS/ELECTROSTATIC DISCHARGE SYMPOSIUM (EOS/ESD). 2014., WOS

ADCA588 POLÁK, Milan - DEMENČÍK, Eduard - HUŠEK, Imrich - KOPERA, Ľubomír - KOVÁČ, Pavol - MOZOLA, Pavol - TAKÁCS, Silvester. AC losses and transverse resistivity in filamentary MgB2 tape with Ti barriers. In *Physica C*, 2011, vol. 471, p. 389-394. (1.415 - IF2010). (2011 - Current Contents). ISSN 0921-4534.

Ohlasy:

[1.1] MAGNUSSON, N. - LINDAU, S. - TAXT, H. - RUNDE, M. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. OCT 2014, vol. 27, no. 10., WOS

[1.1] MEEROVICH, V. - SOKOLOVSKY, V. - PRIKHNA, T. - GAWALEK, W. In APPLIED ELECTROMAGNETIC ENGINEERING FOR MAGNETIC, SUPERCONDUCTING AND NANO MATERIALS. 2012, vol. 721, p. 27-32., WOS

[1.1] ZHOU, C. - OFFRINGA, W. - BERGEN, A. - WESSEL, W.A.J. - KROOSHOOP, H.J.G. - DHALLE, M. - SUMPTION, M.D. - COLLINGS, E.W. - RINDFLEISCH, M. - TOMSIC, M. - TEN KATE, H.H.J. - NIJHUIS, A. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. FEB 2013, vol. 26, no. 2., WOS

ADCA589 POLÁK, Milan - DEMENČÍK, Eduard - JANŠÁK, Lubomil - MOZOLA, Pavol - AIZED, D. - THIEME, C.L.H. - LEVIN, G.A. - BARNES, P.N. Ac losses in a YBa2Cu3O7-x coil. In *Applied Physics Letters*, 2006, vol. 88, p. 232501. (4.127 - IF2005). (2006 - Current Contents, SCOPUS). ISSN 0003-6951.

Ohlasy:

[1.1] GOEMOERY, F. - SOUC, J. - PARDO, E. - SEILER, E. - SOLOVIOV, M. - FROLEK, L. - SKARBA, M. - KONOPKA, P. - PEKARCIKOVA, M. - JANOVEC, J. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 2., WOS

[1.1] CHEN, Y. - ZHANG, M. - CHUDY, M. - MATSUDA, K. - COOMBS, T. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. JUN 2013, vol. 489, p. 1-7., WOS

[1.1] CHEN, Y. - ZHANG, M. - CHUDY, M. - WANG, W. - ZHONG, Z. - HUANG, Z. - COOMBS, T. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 3., WOS

[1.1] CHEN, Y. - ZHANG, M. - CHUDY, M. - MATSUDA, K. - COOMBS, T. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. APR 2013, vol. 487, p. 31-36., WOS

[1.1] JEONG, S. In CRYOGENICS. JUL-AUG 2014, vol. 62, p. 193-201., WOS
[1.1] JIANG, Z.A. - LONG, N.J. - BADCOCK, R.A. - STAINES, M. - SLADE, R.A. - CAPLIN, A.D. - AMEMIYA, N. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAR 2012, vol. 25, no. 3., WOS
[1.1] PARDO, Enric. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. OCT 2013, vol. 26, no. 10., WOS
[1.1] PARDO, E. - SOUC, J. - KOVAC, J. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAR 2012, vol. 25, no. 3., WOS
[1.1] PARK, J. - KIM, S. - PARK, I. - JEONG, S. In CRYOGENICS. SEP-OCT 2014, vol. 63, p. 77-84., WOS
[1.1] XIA J. - ZHOU Y. In SCIENCE CHINA-TECHNOLOGICAL SCIENCES. APR 2014, vol. 57, no. 4, p. 765-772., WOS
[1.1] ZHANG, M. - KIM, J.H. - PAMIDI, S. - CHUDY, M. - YUAN, W.J. - COOMBS, T.A. In JOURNAL OF APPLIED PHYSICS. APR 15 2012, vol. 111, no. 8., WOS
[1.1] ZHANG, M. - KVITKOVIC, J. - PAMIDI, S.V. - COOMBS, T.A. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. DEC 2012, vol. 25, no. 12., WOS

ADCA590 POLÁK, Milan - UŠÁK, Pavol - PITEL, Jozef - JANŠÁK, Lubomil - TIMORANSKÝ, Z. - ŽÍŽEK, F. - PIEL, H. Comparison of solenoidal and pancake model windings for a superconducting transformer. In *IEEE Transactions on Applied Superconductivity*, 2001, vol. 11, no. 1, p. 1478-1481. (0.791 - IF2000).
Ohlasy:
[1.1] PARDO, E. - SOUC, J. - KOVAC, J. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAR 2012, vol. 25, no. 3., WOS
[1.1] YAN, Z.M. - WANG, Y. - WU, R. - LUO, W.B. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. DEC 2013, vol. 23, no. 6., WOS

ADCA591 POLÁK, Milan - BARNES, P.N. - MOZOLA, Pavol - LEVIN, G.A. Critical current in YBCO coated conductors in the presence of a macroscopic defekt. In *IEEE Transactions on Applied Superconductivity*, 2009, vol. 19, p. 2921-2934. (0.919 - IF2008). (2009 - Current Contents, SCOPUS).
Ohlasy:
[1.1] LECLERC, J. - BERGER, K. - DOUINE, B. - LEVEQUE, J. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. SEP 2013, vol. 492, p. 158-164., WOS
[1.1] SUNG, Z.H. - POLYANSKII, A.A. - LEE, P.J. - GUREVICH, A. - LARBALESTIER, D.C. In INTERNATIONAL SYMPOSIUM ON THE SUPERCONDUCTING SCIENCE & TECHNOLOGY OF INGOT NIOBIUM. 2011, vol. 1352, p. 142-150., WOS

ADCA592 POLÁK, Milan - ZHANG, W. - PARRELL, J.A. - CAI, X.Y. - POLYANSKII, A. - HELLSTROM, E.E. - LARBALESTIER, D.C. - MAJOROŠ, Milan. Current transfer lengths and the origin of linear components in the voltage-current curves of Ag-sheathed BSCCO composites. In *Superconductor Science and Technology*, 1997, vol. 10, p. 769. (1.447 - IF1996). (1997 - Current Contents, SCOPUS). ISSN 0953-2048.

Ohlasy:
[1.1] LACROIX, C. - SIROIS, F. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAR 2014, vol. 27, no. 3., WOS
[1.1] SEE, K.W. - XU, X. - HORVAT, J. - COOK, C.D. - DOU, S.X. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. OCT 2011, vol. 24, no. 10., WOS
[1.1] VOJENCIAK, M. - GRILLI, F. - STENVALL, A. - KLING, A. - GOLDACKER, W. In CRYOGENICS. OCT 2013, vol. 57, p. 189-194., WOS
[1.1] ZHOU, C. - DHALLE, M. - TEN KATE, H.H.J. - NIJHUIS, A. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. SEP 2014, vol. 27, no. 9., WOS

ADCA593 POLÁK, Milan - JANŠÁK, Lubomil - KVITKOVIČ, Jozef - UŠÁK, Pavol - PAASI, J. - LEHTONEN, J. - DAUMLING, M. - KASZTLER, A. - KIRCHMAYR, H. Effect of interturn spacing on AC loss of single layer Bi-2223/Ag coils. In *IEEE Transactions on Applied Superconductivity*, 2000, vol. 10, p. 673-676. (1.687 - IF1999). (2000 - Current Contents).
Ohlasy:
[1.1] STAINES, M. - JIANG, Z.A. In SUPERCONDUCTIVITY CENTENNIAL CONFERENCE 2011. 2012, vol. 36, p. 859-865., WOS

ADCA594 POLÁK, Milan - MAJOROŠ, Milan - KASZTLER, A. - KIRCHMAYR, H. Filament bridging and critical current densitz variation in the cross-section of multifilamentary Bi-2223/Ag tapes. In *IEEE Transactions on Applied Superconductivity*, 1999, vol. 9, p. 2151-2154. (0.782 - IF1998). (1999 - Current Contents, WOS, SCOPUS).
Ohlasy:
[1.1] NAGASAKI, Y. - NAKAMURA, T. - FUNAKI, I. - ASHIDA, Y. - YAMAKAWA, H. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. NOV 2014, vol. 27, no. 11., WOS

ADCA595 POLÁK, Milan - KVITKOVIČ, Jozef - MOZOLA, Pavol - UŠÁK, E. - BARNES, P.N. - LEVIN, G.A. Frequency dependence of hysteresis loss in YBCO tapes. In *Superconductor Science and Technology*, 2007, vol. 20, p. S293-S298. (1.440 - IF2006). (2007 - Current Contents, SCOPUS). ISSN 0953-2048.
Ohlasy:
[1.1] GRILLI, F. - PARDO, E. - STENVALL, A. - NGUYEN, D.N. - YUAN, W.J. - GOMORY, F. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. FEB 2014, vol. 24, no. 1., WOS
[1.1] KESGIN, I. - MAJKIC, G. - SELVAMANICKAM, V. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 2., WOS
[1.1] LAHTINEN, V. - PARDO, E. - SOUC, J. - SOLOVYOV, M. - STENVALL, A. In JOURNAL OF APPLIED PHYSICS. MAR 21 2014, vol. 115, no. 11., WOS
[1.1] THAKUR, K.P. - RAJ, A. - BRANDT, E.H. - SASTRY, P.V.P.S.S. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. APR 2011, vol. 24, no. 4., WOS

ADCA596 POLÁK, Milan - KVITKOVIČ, Jozef - MOZOLA, Pavol - BARNES, P.N. - LEVIN, G.A. Characterization of individual filaments in a multifilamentary YBCO coated conductor. In *IEEE Transactions on Applied Superconductivity*, 2007, vol. 17, p. 3163-3166. (0.717 - IF2006). (2007 - Current Contents, WOS, SCOPUS).

Ohlasy:

[1.1] AINSLIE, M.D. - YUAN, W.J. - FLACK, T.J. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 2., WOS

[1.1] DEMENCIK, E. - VOJENCIAK, M. - KARIO, A. - NAST, R. - JUNG, A. - GOLDACKER, W. - GRILLI, F. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. DEC 2014, vol. 24, no. 6., WOS

[1.1] SHIN, H.S. - DEDICATORIA, M.J. - KIM, H.S. - LEE, N.J. - HA, H.S. - OH, S.S. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 3, p. 2997-3000., WOS

[1.1] WEBBER, R.J. - DELMAS, J. - YOHANNES, D.T. - VIVALDA, J. In 2013 IEEE 14TH INTERNATIONAL SUPERCONDUCTIVE ELECTRONICS CONFERENCE (ISEC). 2013., WOS

ADCA597 POLÁK, Milan - PARDO, Enric - MOZOLA, Pavol - ŠOUC, Ján. Magnetic field in the winding of an YBCO pancake coil: experiments and calculations. In *IEEE Transactions on Applied Superconductivity*, 2012, vol. 22, 6600204. (1.041 - IF2011). (2012 - Current Contents, SCOPUS). ISSN 1051-8223.

Ohlasy:

[1.1] MA, G.T. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUN 2014, vol. 27, no. 6., WOS

[1.1] RAUH, H. - MA, G.T. In JOURNAL OF APPLIED PHYSICS. NOV 21 2013, vol. 114, no. 19., WOS

ADCA598 POLÁK, Milan - KREMPASKÝ, Ludovít - CHROMIK, Štefan - WEHLER, D. - MOENTER, B. Magnetic field in the vicinity of YBCO thin film strip and strip with filamentary structure. In *Physica C*, 2002, vol. 372-376, p. 1830-1834. (0.806 - IF2001). (2002 - Current Contents, WOS, SCOPUS). ISSN 0921-4534.

Ohlasy:

[1.1] AINSLIE, M.D. - YUAN, W.J. - FLACK, T.J. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 2., WOS

[1.2] Yoo, J., Youm, D., Oh, S. 2013 Journal of the Korea Institute of Applied Superconductivity and Cryogenics 15 (2), pp. 34-38, SCOPUS

ADCA599 POLÁK, Milan - MAJOROŠ, Milan - KVITKOVIČ, Jozef - KOTTMAN, Peter - KOVÁČ, Pavol - MELIŠEK, Tibor. Magnetic field in the vicinity of BSCCO tapes carrying transport current. In *Cryogenics*, 1994, vol. 34, p. S805.

Ohlasy:

[1.1] HIGASHIKAWA, K. - YAMAMOTO, A. - KISS, T. - YE, S. - MATSUMOTO, A. - KUMAKURA, H. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. SEP 15 2014, vol. 504, p. 62-64., WOS

ADCA600 POLÁK, Milan - KREMPASKÝ, Ludovít - VENCEL, Ladislav. Multiprobe miniature Hall effect system for measurement of magnetic field profiles. In *Cryogenics*, 1976, vol. 16, p. 182. ISSN 0011-2275.

Ohlasy:

[1.1] USAK, P. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. APR 2011, vol. 24, no. 4., WOS

ADCA601 POLÁK, Milan - PARRELL, J.A. - POLYANSKII, A. - PASHITSKI, A. - LARBALESTIER, D.C. On the role of pre-existing, unhealed cracks on the bending strain respose of Ag-clad (Bi, Pb)2Sr2Ca2Cu3Ox tapes. In *Applied Physics Letters*, 1997, vol. 70, p. 1034. (3.092 - IF1996). (1997 - Current Contents, SCOPUS). ISSN 0003-6951.

Ohlasy:

[1.2] Parinov, I.A.: In: Microstructure and Properties of High-Temperature Superconductors. Berlin: Springer-Verlag 2012. 2nd ed. ISBN: 978-3-642-34440-4 779 s., SCOPUS

ADCA602 POLÁK, Milan - BARNES, P.N. - KVITKOVIČ, Jozef - LEVIN, G.A. - MOZOLA, Pavol - UŠÁK, Pavol. Properties of an experimental coil wound with YBCO coated conductor carrying an AC current with frequencies up to 864 Hz. In *IEEE Transactions on Applied Superconductivity*, 2008, vol. 18, p. 1240-1244. (1.551 - IF2007). (2008 - Current Contents, SCOPUS).

Ohlasy:

[1.1] PARDO, E. - SOUC, J. - KOVAC, J. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAR 2012, vol. 25, no. 3., WOS

[1.1] SOUC, J. - GOMORY, F. - KOVAC, J. - NAST, R. - JUNG, A. - VOJENCIAK, M. - GRILLI, F. - GOLDACKER, W. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUL 2013, vol. 26, no. 7., WOS

ADCA603 POLÁK, Milan - KVITKOVIČ, Jozef - DEMENČÍK, Eduard - JANŠÁK, Lubomil - MOZOLA, Pavol. Temperature of Bi-2223/Ag samples in the resistive section of I-V curves. In *Physica C*. - Amsterdam : Elsevier Science, 2004, vol. 401, p. 160-164. (1.192 - IF2003). (2004 - Current Contents, WOS, SCOPUS). ISSN 0921-4534.

Ohlasy:

[1.1] ZHANG, G.M. - LIN, L.Z. - XIAO, L.Y. - YU, Y.J. - SCHWARTZ, J. - PAMIDI, S.V. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. AUG 2011, vol. 24, no. 8., WOS

ADCA604 POLÁK, Milan - UŠÁK, Pavol - DEMENČÍK, Eduard. The distribution of magnetization and transport currents in DyBCO tape. In *Physica C*, 2006, vol. 440, p. 40-44. (0.948 - IF2005). (2006 - Current Contents, WOS, SCOPUS). ISSN 0921-4534.

Ohlasy:

[1.1] BERNSTEIN, P. In JOURNAL OF APPLIED PHYSICS. MAY 15 2012, vol. 111, no. 10., WOS

[1.1] XUE, C. - HE, A. - YONG, H.D. - ZHOU, Y.H. In AIP ADVANCES. DEC 2013, vol. 3, no. 12., WOS

ADCA605 POLÁK, Milan - ZHANG, W. - PARRELL, J.A. - PASHITSKI, A. - HELLSTROM, E.E. - LARBALESTIER, D.C. The effect of the maximum processing temperature on the microstructure and electrical properties of melt processed Ag-sheathed Bi2Sr2CaCu2Ox tape. In *IEEE Transactions on Applied Superconductivity*, 1997, vol. 7, p. 1537. (0.763 - IF1996). (1997 - Current Contents).

Ohlasy:

[1.1] LIU, X.T. - LE, Q.V. - SCHWARTZ, J. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUL 2012, vol. 25, no. 7., WOS

[1.1] NADERI, G. - SCHWARTZ, J. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. NOV 2014, vol. 27, no. 11., WOS

[1.1] NACHTRAB, W.T. - LIU, X.T. - WONG, T. - SCHWARTZ, J. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 3, p. 2795-2799., WOS

ADCA606 POLÁK, Milan - KVITKOVIČ, Jozef - JANŠÁK, Lubomil - MOZOLA, Pavol. The effect of epoxy impregnation on the behaviour of a Bi-2223/Ag coil carrying DC or AC current. In *Superconductor Science and Technology*. - Bristol : IOP Publishing Ltd., 2006, vol. 19, p. 256-262. (1.896 - IF2005). (2006 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] AMARO, N. - SOUC, J. - VOJENCIAK, M. - PINA, J.M. - MARTINS, J. - CEBALLOS, J.M. - GOMORY, F. In TECHNOLOGICAL INNOVATION FOR COLLECTIVE AWARENESS SYSTEMS. 2014, vol. 423, p. 417-424., WOS

ADCA607 POLÁK, Milan - TAKÁCS, Silvester - BARNES, P.N. - LEVIN, G.A. The effect of resistive filament interconnections on coupling losses in filamentary YBa2Cu3O7 coated conductors. In *Superconductor Science and Technology*, 2009, vol. 22, art. no. 025016. (1.847 - IF2008). (2009 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] PARDO, E. - GRILLI, F. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JAN 2012, vol. 25, no. 1., WOS

[1.1] SOUC, J. - GOMORY, F. - KOVAC, J. - NAST, R. - JUNG, A. - VOJENCIAK, M. - GRILLI, F. - GOLDACKER, W. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUL 2013, vol. 26, no. 7., WOS

[1.1] STENVALL, A. - GRILLI, F. - VOJENCIAK, M. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. AUG 2011, vol. 24, no. 8., WOS

ADCA608 POLÁK, Milan - HLÁSNIK, Ivan - KREMPASKÝ, Ludovít. Voltage-current characteristics of NbTi and Nb3Sn superconductors in the flux creep region. In *Cryogenics*, 1973, vol. 13, p. 702-706.

Ohlasy:

[1.1] ARKHAROV, A.M. - LAVROV, N.A. - ROMANOVSKII, V.R. In TECHNICAL PHYSICS. JUN 2014, vol. 59, no. 6, p. 864-872., WOS

[1.1] DOROFEEV, G. - DROBIN, V. - MALINOWSKI, H. In 11TH EUROPEAN CONFERENCE ON APPLIED SUPERCONDUCTIVITY (EUCAS2013), PTS 1-4. 2014, vol. 507., WOS

[1.1] HOSSEINI, N. - ZABETIAN, A. - KANANIAN, S. - FARDMANESH, M. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. MAY 2013, vol. 26, no. 5, SI, p. 1485-1488., WOS
[1.1] KEILIN, V.E. - SHUTOVA, D.I. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 2., WOS
[1.1] ROMANOVSKII, V. - WATANABE, K. - AWAJI, S. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. DEC 2013, vol. 495, p. 25-32., WOS
[1.1] VOJENCIAK, M. - GRILLI, F. - STENVALL, A. - KLING, A. - GOLDACKER, W. In CRYOGENICS. OCT 2013, vol. 57, p. 189-194., WOS
[1.2] Romanovskii, V.R. In: Superconductivity: Theory, materials and applications ISBN: 978-161324843-0 Nova Science Publishers, Inc. 2012, P. 111-198., SCOPUS
[1.2] Romanovskii, V.R., Watanabe, K. In Superconducting magnets and superconductivity: Research, technology and applications ISBN: 978-160741017-1 Nova Science Publishers, Inc.(2011) P. 293-399., SCOPUS

ADCA609 POLÁK, Milan - BARNES, P.N. - LEVIN, G.A. YBCO/Ag boundary resistivity in YBCO tapes with metallic substrates. In *Superconductor Science and Technology*. - Bristol : IOP Publishing Ltd., 2006, vol. 19, p. 817-820. (1.896 - IF2005). (2006 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.
Ohlasy:
[1.1] HIGASHIKAWA, K. - HONDA, Y. - INOUE, M. - KISS, T. - CHIKUMOTO, N. - SAKAI, N. - IZUMI, T. - OKAMOTO, H. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 3, p. 3403-3407., WOS
[1.1] CHAN, W.K. - SCHWARTZ, J. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. DEC 2011, vol. 21, no. 6, p. 3628-3634., WOS
[1.1] CHAN, W.K. - SCHWARTZ, J. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. OCT 2012, vol. 22, no. 5., WOS
[1.1] LACROIX, C. - FOURNIER-LUPIEN, J.H. - MCMEEKIN, K. - SIROIS, F. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 2., WOS
[1.1] LACROIX, C. - LAPIERRE, Y. - COULOMBE, J. - SIROIS, F. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAY 2014, vol. 27, no. 5., WOS
[1.1] TAKACS, S. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAY 2013, vol. 26, no. 5., WOS
[1.1] VOJENCIAK, M. - GRILLI, F. - STENVALL, A. - KLING, A. - GOLDACKER, W. In CRYOGENICS. OCT 2013, vol. 57, p. 189-194., WOS
[1.1] WEBBER, R.J. - DELMAS, J. - YOHANNES, D.T. - VIVALDA, J. In 2013 IEEE 14TH INTERNATIONAL SUPERCONDUCTIVE ELECTRONICS CONFERENCE (ISEC). 2013., WOS
[1.2] Terazaki, Y., Yanagi, N., Tomida, S., Noguchi, H., Natsume, K., Mito, T., Ito, S., Hashizume, H., Sagara, A.: Plasma and Fusion Research 7 (2012) 2405027., SCOPUS

ADCA610 POZZOVIVO, G. - KUZMÍK, Ján - GOLKA, S. - SCHRENK, W. - STRASSER, G. - POGANY, D. - ČIČO, Karol - ŤAPAJNA, Milan - FRÖHLICH,

Karol - CARLIN, J.-F. - GONSCHOREK, M. - FELTIN, E. - GRANDJEAN, N. Gate insulation and drain current saturation mechanism in InAlN/GaN metal-oxide-semiconductor high-electron-mobility transistors. In *Applied Physics Letters*, 2007, vol. 91, 043509. (3.977 - IF2006). (2007 - Current Contents, SCOPUS). ISSN 0003-6951.

Ohlasy:

[1.1] AKAZAWA, Masamichi. In JAPANESE JOURNAL OF APPLIED PHYSICS. FEB 2014, vol. 53, no. 2., WOS

[1.1] AKAZAWA, M. - CHIBA, M. - NAKANO, T. In APPLIED PHYSICS LETTERS. JUN 10 2013, vol. 102, no. 23., WOS

[1.1] AKAZAWA, M. - NAKANO, T. In APPLIED PHYSICS LETTERS. SEP 17 2012, vol. 101, no. 12., WOS

[1.1] ARSLAN, E. - BUTUN, S. - SAFAK, Y. - USLU, H. - TASCIOGLU, I. - ALTINDAL, S. - OZBAY, E. In MICROELECTRONICS RELIABILITY. FEB 2011, vol. 51, no. 2, p. 370-375., WOS

[1.1] BERA, M. K. - LIU, Y. - KYAW, L. M. - NGOO, Y. J. - SINGH, S. P. - CHOR, E. F. In ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY. 2014, vol. 3, no. 6, p. Q120-Q126., WOS

[1.1] BERA, M.K. - LIU, Y. - KYAW, L.M. - NGOO, Y.J. - CHOR, E.F. In WIDE-BANDGAP SEMICONDUCTOR MATERIALS AND DEVICES 14. 2013, vol. 53, no. 2, p. 65-74., WOS

[1.1] CORRION, A.L. - SHINOHARA, K. - REGAN, D. - MILOSAVLJEVIC, I. - HASHIMOTO, P. - WILLADSEN, P.J. - SCHMITZ, A. - KIM, S.J. - BUTLER, C.M. - BROWN, D. - BURNHAM, S.D. - MICOVIC, M. In IEEE ELECTRON DEVICE LETTERS. AUG 2011, vol. 32, no. 8, p. 1062-1064., WOS

[1.1] HIROKI, M. - WATANABE, N. - MAEDA, N. - YOKOYAMA, H. - KUMAKURA, K. - YAMAMOTO, H. In JAPANESE JOURNAL OF APPLIED PHYSICS. APR 2013, vol. 52, no. 4, 2, SI., WOS

[1.1] CHIBA, Masahito - NAKANO, Takuma - AKAZAWA, Masamichi. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 11, NO 3-4. 2014, vol. 11, no. 3-4, p. 902-905., WOS

[1.1] CHIOU, Y.L. - LEE, C.S. - LEE, C.T. In JOURNAL OF THE ELECTROCHEMICAL SOCIETY. 2011, vol. 158, no. 5, p. H477-H481., WOS

[1.1] KARAOGLAN-BEBEK, G. - WOO, J. H. - NIKISHIN, S. - HARRIS, H. R. - HOLTZ, M. In JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B. JAN 2014, vol. 32, no. 1., WOS

[1.1] KIM, S. - KIM, H. J. - CHOI, S. - RYOU, J.-H. - DUPUIS, R. D. - AHN, K.-S. - KIM, H. In JAPANESE JOURNAL OF APPLIED PHYSICS. OCT 2013, vol. 52, no. 10, 2, SI., WOS

[1.1] KIM, Y.-S.- HA, M.-W. - SEOK, O. - AHN, W. J. - HAN, M.-K. In 2013 25TH INTERNATIONAL SYMPOSIUM ON POWER SEMICONDUCTOR DEVICES AND ICS (ISPSD). 2013, p. 207-211., WOS

[1.1] LEE, C.S. - CHIEN, W.T. In JOURNAL OF THE ELECTROCHEMICAL SOCIETY. 2011, vol. 158, no. 4, p. H452-H456., WOS

[1.1] NAKANO, Takuma - CHIBA, Masahito - AKAZAWA, Masamichi. In JAPANESE JOURNAL OF APPLIED PHYSICS. APR 2014, vol. 53, no. 4, SI., WOS

[1.1] PARDESHI, H. - RAJ, G. - PATI, S. - MOHANKUMAR, N. - SARKAR, C.K. In SUPERLATTICES AND MICROSTRUCTURES. AUG

2013, vol. 60, p. 47-59., WOS
[1.1] SON, J. - CHOBPATTANA, V. - MCSKIMMING, B.M. - STEMMER, S. In APPLIED PHYSICS LETTERS. SEP 3 2012, vol. 101, no. 10., WOS
[1.1] ZHANG, X.F. - WANG, L. - LIU, J. - WEI, L. - XU, J. In CHINESE PHYSICS B. JAN 2013, vol. 22, no. 1., WOS
[1.2] Ahmed, I., Niaz, I.A., Alam, Md.H., Chowdhury, N., Azim, Z.A., Mohd Khosru, Q.D.: 2012 IEEE International Conference on Electronic Devices, Systems, and Applications 6507820, pp. 75-79, SCOPUS
[1.2] Akazawa, M., Nakano, T.: e-Journal of Surface Science and Nanotechnology 12 (2014) pp. 83-88, SCOPUS
[1.2] Pardeshi, H., Pati, S.K., Raj, G.,Mohankumar, N., Sarkar, C.K. Journal of Semiconductors 33 (2012) , art. no. 124001, SCOPUS
[1.2] Pardeshi, H., Sarkar, A., Mohankumar, N., Sarkar, C.K. Proceedings of the 2012 International Conference on Communications, Devices and Intelligent Systems, CODIS 2012 (2012) art. no. 6422233 , pp. 441, SCOPUS

ADCA611 PUDIŠ, D. - ŠUŠLIK, Ľ. - ŠKRINIAROVÁ, J. - KOVÁČ, Jaroslav - KOVÁČ, Jaroslav Jr. - KUBICOVÁ, I. - MARTINČEK, I. - HAŠČÍK, Štefan - SCHAAF, P. Effect of 2D photonic structure patterned in the LED surface on emission properties. In *Applied Surface Science*, 2013, vol. 269, p. 161-165. (2.112 - IF2012). (2013 - Current Contents, WOS, SCOPUS). ISSN 0169-4332.
Ohlasy:
[1.1] PATRA, S.K. - ADHIKARI, S. - PAL, S. In APPLIED OPTICS. JUN 20 2014, vol. 53, no. 18, p. 3890-3896., WOS

ADCA612 PUDIŠ, D. - ŠUŠLIK, Ľ. - ŠKRINIAROVÁ, J. - KOVÁČ, Ján - MARTINČEK, I. - KOVÁČ, Jaroslav - HAŠČÍK, Štefan - KUBICOVA, I. - NOVÁK, Jozef - VESELÝ, M. Light extraction from a light emitting diode with photonic structure in the surface layer investigated by NSOM. In *Optics and Laser Technology*, 2011, vol. 43, p. 917-921. (1.616 - IF2010). (2011 - Current Contents). ISSN 0030-3992.
Ohlasy:
[1.1] KUZMA, Anton - CHOVAN, Jozef - UHEREK, Frantisek. Design of an Optical Power Splitter with Integrated Two-Dimensional Photonic Crystal. In 18TH CZECH-POLISH-SLOVAK OPTICAL CONFERENCE ON WAVE AND QUANTUM ASPECTS OF CONTEMPORARY OPTICS. ISSN 0277-786X, 2012, vol. 8697., WOS
[1.1] WANG, J. - LI, S.G. In MEASUREMENT TECHNOLOGY AND ENGINEERING RESEARCHES IN INDUSTRY, PTS 1-3. 2013, vol. 333-335, p. 555-558., WOS
[1.1] YIN, Z.M. - LIU, X.Y. - WANG, H.N. - WU, Y.Z. - HAO, X.P. - JI, Z.W. - XU, X.G. In OPTICS EXPRESS. NOV 18 2013, vol. 21, no. 23, p. 28531-28542., WOS

ADCA613 RÁBARA, M. - SEKIMURA, N. - KITAGUCHI, H. - KOVÁČ, Pavol - DEMACHI, K. - MIYA, K. Tensile properties and probability of filament fracture in Bi-2223 superconducting tapes. In *Superconductor Science and Technology*, 1999, vol. 12, p. 1129-1133. (2.050 - IF1998). (1999 - Current Contents, SCOPUS). ISSN 0953-2048.

Ohlasy:
[1.1] GAO, P.F. - WANG, X.Z. In CHINESE PHYSICS LETTERS. APR 2014, vol. 31, no. 4., WOS
[1.1] ZHANG, Z.X. - CHEN, W. - GOU, X.F. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. JUN 2014, vol. 27, no. 6, p. 1387-1396., WOS
[1.2] Parinov, I.A.: In: Microstructure and Properties of High-Temperature Superconductors. Berlin: Springer-Verlag 2012. 2nd ed. ISBN: 978-3-642-34440-4 779 s., SCOPUS

ADCA614 RABBERS, J.J. - HAKEN, B. ten - GÖMÖRY, Fedor - TEN KATE, H.H. Self-field loss of BSCCO/Ag tape in external AC magnetic field. In *Physica C : Superconductivity and Its Applications*, 1998, vol. 300, p. 1-5. (2.199 - IF1997). (1998 - Current Contents, WOS, SCOPUS). ISSN 0921-4534.
Ohlasy:
[1.1] LAHTINEN, V. - PARDO, E. - SOUC, J. - SOLOVYOV, M. - STENVALL, A. In JOURNAL OF APPLIED PHYSICS. MAR 21 2014, vol. 115, no. 11., WOS
[1.1] PARDO, E. - KOVAC, J. - SOUC, J. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 2., WOS

ADCA615 RACKO, J. - MIKOLÁŠEK, M. - HARMATHA, L. - BREZA, J. - HUDEC, Boris - FRÖHLICH, Karol - AARIK, J. - TARRE, A. - GRANZNER, R. - SCHWIERZ, F. Analysis of leakage current mechanisms in RuO2-TiO2-RuO2 MIM structures. In *Journal of Vacuum Science and Technology B*, 2011, vol. 29, 01AC08. (1.268 - IF2010). (2011 - Current Contents). ISSN 1071-1023.
Ohlasy:
[1.1] JEON, W. - YOO, S. - KIM, H. K. - LEE, W. - AN, C. H. - CHUNG, M. J. - CHO, C. J. - KIM, S. K. - HWANG, C. S. In ACS APPLIED MATERIALS & INTERFACES. DEC 20 2014, vol. 6, no. 23, p. 21632-21637., WOS

ADCA616 RACKO, J. - MIKOLÁŠEK, M. - GRANZNER, R. - BREZA, J. - DONOVAL, D. - GRMANOVÁ, A. - HARMATHA, L. - SCHWIERZ, F. - FRÖHLICH, Karol. Trap-assisted tunnelling current in MIM structures. In *Central European Journal of Physics*, 2011, vol. 9, p. 230-241. (0.696 - IF2010). (2011 - Current Contents). ISSN 1895-1082.
Ohlasy:
[1.1] YESILKOY, F. - MITTAL, S. - GOLDSMAN, N. - DAGENAIS, M. - PECKERAR, M. In MICROELECTRONIC ENGINEERING. OCT 2012, vol. 98, p. 329-333., WOS

ADCA617 RAJŇÁK, Michal - KURIMSKÝ, Juraj - DOLNÍK, Bystrík - MARTON, Karol - TOMČO, Ladislav - TACULESCU, A. - VÉKÁS, Ladislau - KOVÁČ, Jozef - VÁVRA, Ivo - TÓTHOVÁ, Jana - KOPČANSKÝ, Peter - TIMKO, Milan. Dielectric response of transformer oil based ferrofluid in low frequency range. In *Journal of Applied Physics*, 2013, vol. 114, no. 3, art. no. 034313. (2.210 - IF2012). (2013 - Current Contents, WOS, SCOPUS). ISSN 0021-8979.
Ohlasy:
[1.1] SEMISALOVA, A.S. - PEROV, N.S. - STEPANOV, G.V. -

KRAMARENKO, E.Y. - KHOKHLOV, A.R. Strong magnetodielectric effects in magnetorheological elastomers. In SOFT MATTER. 2013, vol. 9, no. 47, p. 11318-11324., WOS

[1.2] Cimbala, R., Király, J., German-Sobek, M., Pavlik, M.: Dielectric spectroscopy of transformer oil based ferrofluid from view of i(t) characteristics at initial stage of ageing Proceedings of the 2014 15th International Scientific Conference on Electric Power Engineering, EPE 2014 6839485, pp. 467-472, SCOPUS

ADCA618 RAPOŠ, M. - RUŽINSKÝ, M. - LUBY, Štefan - ČERVENÁK, Ján. Dielectric properties of me-cdte-me thin-film structures. In *Thin Solid Films*, 1976, vol. 36, p. 103-106.

Ohlasy:

[1.1] ATASEVEN, T. - TATAROGLU, A. - MEMMEDLI, T. - OZCELIK, S. In JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS. JUL-AUG 2012, vol. 14, no. 7-8, p. 640-645., WOS

[1.1] SRIVASTAVA, P. - SINGH, K. In SCIENCE OF ADVANCED MATERIALS. JUL 2013, vol. 5, no. 7, p. 836-843., WOS

[1.1] SRIVASTAVA, P. - SINGH, K. In MATERIALS LETTERS. OCT 1 2013, vol. 108, p. 25-28., WOS

[1.1] SRIVASTAVA, P. - SINGH, K. In JOURNAL OF ELECTRONIC MATERIALS. SEP 2013, vol. 42, no. 9, p. 2733-2738., WOS

ADCA619 REPARAZ, J.S. - BERNARDI, A. - GONI, A. - ALONSO, M.I. - GARRIGA, M. - NOVÁK, Jozef - VÁVRA, Ivo. Phonon pressure coefficient as a probe of the strain status of self-assembled quantum dots. In *Applied Physics Letters*, 2007, vol. 91, p. 081914. (3.977 - IF2006). (2007 - Current Contents, SCOPUS). ISSN 0003-6951.

Ohlasy:

[1.1] DZHAGAN, V. - LOKTEVA, I. - HIMCINSCHI, C. - JIN, X.P. - KOLNY-OLESIAK, J. - ZAHN, D.R.T. In NANOSCALE RESEARCH LETTERS. 2011, vol. 6., WOS

[1.1] DZHAGAN, V.M. - LOKTEVA, I. - HIMCINSCHI, C. - KOLNY-OLESIAK, J. - VALAKH, M.Y. - SCHULZE, S. - ZAHN, D.R.T. In JOURNAL OF APPLIED PHYSICS. APR 15 2011, vol. 109, no. 8., WOS

[1.1] HERNANDEZ, S. - MISKA, P. - GRUN, M. - ESTRADE, S. - PEIRO, F. - GARRIDO, B. - VERGNAT, M. - PELLEGRINO, P. In JOURNAL OF APPLIED PHYSICS. DEC 21 2013, vol. 114, no. 23., WOS

ADCA620 ROCH, T. - DOBROČKA, Edmund - MIKULA, M. - PIDÍK, A. - ĎURINA, P. - HAIDRY, A.A. - PLECENIK, T. - TRUCHLY, M. - GRANČIČ, B. - PLECENÍK, A. - KÚŠ, P. Strong biaxial texture and polymorph nature in TiO2 thin film formed by ex-situ annealing on c-plane Al2O3 surface. In *Journal of Crystal Growth*, 2012, vol. 338, 118-124. (1.726 - IF2011). (2012 - Current Contents, WOS, SCOPUS). ISSN 0022-0248.

Ohlasy:

[1.1] TARRE, A. - MOLDRE, K. - NIILISK, A. - MANDAR, H. - AARIK, J. - ROSENTAL, A. In JOURNAL OF VACUUM SCIENCE & TECHNOLOGY A. JAN-FEB 2013, vol. 31, no. 1., WOS

ADCA621 ROSINA, Milan - AUDIER, M. - DUBOURDIEU, C. - FRÖHLICH, Karol - WEISS, F. Defects in (La0.7Sr0.3Mno3/SrTiO3)15 superlattices grown by pulsed injection MOCVD. In *Journal of Crystal Growth*. - Amsterdam : Elsevier Science, 2003, vol. 259, p. 358-366. ISSN 0022-0248.

Ohlasy:

[1.1] DEKKER, M.C. - HERKLOTZ, A. - SCHULTZ, L. - REIBOLD, M. - VOGEL, K. - BIEGALSKI, M.D. - CHRISTEN, H.M. - DORR, K. In PHYSICAL REVIEW B. AUG 17 2011, vol. 84, no. 5., WOS

[1.1] LIANG, Y.C. - ZHONG, H. In APPLIED SURFACE SCIENCE. OCT 15 2013, vol. 283, p. 490-497., WOS

[1.1] XIE, Q.Y. - QIAN, B. - WU, X.S. - ZOU, J. - GAO, J. In THIN SOLID FILMS. SEP 30 2011, vol. 519, no. 23, SI, p. 8338-8342., WOS

ADCA622 ROSOVÁ, Alica - KOVÁČ, Pavol - HUŠEK, Imrich - KOPERA, Ľubomír. Composition changes in thin-filament MgB2/Ti/GlidCop® wires heat treated at variable periods. In *Journal of Alloys and Compounds*, 2013, vol. 572, p. 25-30. (2.390 - IF2012). (2013 - Current Contents, WOS, SCOPUS). ISSN 0925-8388.

Ohlasy:

[1.1] ALZAYED, N. S. - KITYK, I. V. - SOLTAN, S. - WOJCIECHOWSKI, A. - FEDORCHUK, A. O. - LAKSHMINARAYANA, G. - SHAHABUDDIN, M. In JOURNAL OF ALLOYS AND COMPOUNDS. MAY 5 2014, vol. 594, p. 60-64., WOS

ADCA623 ROSOVÁ, Alica - BOULESTEIX, C. - VÁVRA, Ivo. Role of microtwins in twin lamella intersections and intersections in YBa2Cu3O7-y. In *Physica C : superconductivity and its applicacions*, 1993, vol. 214, p. 247. (2.044 - IF1992). (1993 - Current Contents, SCOPUS). ISSN 0921-4534.

Ohlasy:

[1.1] JIAN, H.B. - SHAO, D.F. - YANG, Z.R. - ZHU, X.B. - SUN, Y.P. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. MAY 2013, vol. 488, p. 39-45., WOS

[1.1] PALONEN, H. - HUHTINEN, H. - PATURI, P. In THIN SOLID FILMS. SEP 1 2011, vol. 519, no. 22, p. 8058-8062., WOS

[1.2] Muralidhar, M., Jirsa, M., Tomita, M. Recent Patents on Materials Science 5 (2012) 4, SCOPUS

ADCA624 ROSTILA, L. - LEHTONEN, J. - MASTI, M. - MIKKONEN, R. - GÖMÖRY, Fedor - MELIŠEK, Tibor - SEILER, Eugen - ŠOUC, Ján - USOSKIN, A. AC loss and current sharing in an YBCO cable. In *IEEE Transactions on Applied Superconductivity*, 2007, vol. 17, p. 1688-1691. (0.717 - IF2006). (2007 - Current Contents, WOS, SCOPUS).

Ohlasy:

[1.2] Zhang, R.-B., Zhang, J.-W., Zhang, X.-D. In 2011 International Conference on Electrical and Control Engineering, ICECE 2011 - Proceedings , art. no. 6057027 , pp. 383-386, SCOPUS

ADCA625 ROSTILA, L. - LEHTONEN, J. - MASTI, M. - LALLOUET, N. - SAUGRAIN, J.-M. - ALLAIS, A. - SCHIPPL, K. - SCHMIDT, Fritz - BALOG, G. - MAROT, G. - RAVEX, A. - USOV, A.I. - GÖMÖRY, Fedor - KLINČOK, Boris - ŠOUC, Ján - FREYHARDT, H.C. Design of a 30 m long 1 kV YBCO cable. In

Superconductor Science and Technology, 2006, vol. 19, p. 418-422. (1.896 - IF2005). (2006 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] SUHARTA, W.G. - MUGIRAHARDJO, H. - PRATAPA, S. - DARMINTO, D. - SUASMORO, S. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. NOV 2013, vol. 26, no. 11, p. 3209-3214., WOS

[1.1] YAGI, M. - MUKOYAMA, S. - AMEMIYA, N. - ISHIYAMA, A. - WANG, X. - AOKI, Y. - SAITO, T. - OHKUMA, T. - MARUYAMA, O. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. NOV 2011, vol. 471, no. 21-22, p. 1274-1278., WOS

[1.2] Cicek, A., Inanir, F. In Progress in Exergy, Energy, and the Environment Eds. Ibrahim Dincer, Adnan Midilli, Haydar Kucuk. Springer 2014. ISBN: 978-3-319-04680-8. P. 453-458, SCOPUS

ADCA626 ROSTILA, L. - LEHTONEN, J. - MIKKONEN, R. - ŠOUC, Ján - SEILER, Eugen - MELIŠEK, Tibor - VOJENČIAK, Michal. How to determine critical current density in YBCO tapes from voltage-current measurements at low magnetic fields. In *Superconductor Science and Technology*, 2007, vol. 20, p. 1097-1100. (1.440 - IF2006). (2007 - Current Contents, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] FENG, F. - QU, T.M. - GU, C. - XIN, Y. - GONG, W.Z. - WU, W. - HAN, Z. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. MAY 2011, vol. 471, no. 9-10, p. 293-296., WOS

[1.1] SUN, Q. - ZHANG, Z.F. - LIN, L.Z. - QIU, Q.Q. - LIU, D.Q. - ZHANG, G.M. - DAI, S.T. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2014, vol. 24, no. 3., WOS

[1.1] ZHANG, M. - KIM, J.H. - PAMIDI, S. - CHUDY, M. - YUAN, W.J. - COOMBS, T.A. In JOURNAL OF APPLIED PHYSICS. APR 15 2012, vol. 111, no. 8., WOS

ADCA627 ROSTILA, L. - DEMENČÍK, Eduard - ŠOUC, Ján - BRISIGOTTI, S. - KOVÁČ, Pavol - POLÁK, Milan - GRASSO, G. - LYLY, M. - STENVALL, A. - TUMINO, A. - KOPERA, Ľubomír. Magnesium diboride wires with nonmagnetic matrices – AC loss measurements and numerical calculations. In *IEEE Transactions on Applied Superconductivity*, 2011, vol. 21, p. 3338-3341. (1.035 - IF2010). (2011 - Current Contents, WOS, SCOPUS). ISSN 1051-8223.

Ohlasy:

[1.1] TAXT, H. - MAGNUSSON, N. - RUNDE, M. In CRYOGENICS. FEB 2013, vol. 54, p. 44-49., WOS

ADCA628 SAFRAN, Serap - GÖMÖRY, Fedor - GENCER, A. AC loss in stacks of Bi-2223/Ag tapes modified with ferromagnetic covers at the edges. In *Superconductor Science and Technology*, 2010, vol. 23, 105003. (2.694 - IF2009). (2010 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] AINSLIE, M.D. - YUAN, W.J. - FLACK, T.J. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 2., WOS

ADCA629 SAFRAN, Serap - VOJENČIAK, Michal - GENCER, A. - GÖMÖRY, Fedor. Critical current and AC loss of DI-BSCCO tape modified by the deposition of ferromagnetic layer on edges. In *IEEE Transactions on Applied Superconductivity*, 2010, vol. 20, p. 2294-2300. (1.310 - IF2009). (2010 - Current Contents, SCOPUS). ISSN 1051-8223.

Ohlasy:

[1.1] CZERWINSKI, D. In PRZEGLAD ELEKTROTECHNICZNY. 2012, vol. 88, no. 2, p. 161-164., WOS

[1.1] KRUGER, P.A.C. - GRILLI, F. - FARINON, S. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. NOV 2011, vol. 471, no. 21-22, p. 1083-1085., WOS

[1.2] Cicek, A., Inanir, F. Progress in Exergy, Energy, and the Environment Eds. Ibrahim Dincer, Adnan Midilli, Haydar Kucuk. Springer 2014. ISBN: 978-3-319-04680-8. P. 453-458, SCOPUS

ADCA630 SAFRAN, Serap - ŠOUC, Ján - GÖMÖRY, Fedor - KOVÁČ, Pavol - GENCER, A. Experimentally determined magnetization ac losses of mono and multifilamentary MgB2 wires. In *Journal of Superconductivity and Novel Magnetism*, 2013, vol. 26, p.1557-1561. (0.702 - IF2012). (2013 - Current Contents, WOS, SCOPUS). ISSN 1557-1939.

Ohlasy:

[1.1] JIAO, C.Q. - XIA, Z.J. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. AUG 2014, vol. 27, no. 8, p. 1813-1818., WOS

ADCA631 SAMUELY, Tomáš - SZABÓ, Pavol - PRIBULOVÁ, Zuzana - SUNG, N.H. - CHO, B.K. - KLEIN, T. - CAMBEL, Vladimír - RODRIGO, J.G. - SAMUELY, Peter. Type II superconductivity in SrPd2Ge2. In *Superconductor Science and Technology*, 2013, vol. 26, no. 1, art. no. 015010. (2.758 - IF2012). (2013 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] KIM, H. - SUNG, N. H. - CHO, B. K. - TANATAR, M. A. - PROZOROV, R. Magnetic penetration depth in single crystals of SrPd2Ge2 superconductor. In PHYSICAL REVIEW B. ISSN 1098-0121, 2013, vol. 87, no. 9, art. no. 094515., WOS

ADCA632 SASTRY, P.V.P.S. - NGUYEN, D.N. - UŠÁK, Pavol - SCHWARTZ, J. Verification of thermal interpretation of BSCCO-2223/Ag current-volatge hysteresis. In *Superconductor Science and Technology*. - Bristol : IOP Publishing Ltd., 2004, vol. 17, p. 314-319. (2.247 - IF2003). (2004 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] OLUTAS, M. - KILIC, A. - KILIC, K. - ALTINKOK, A. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. MAY 2012, vol. 25, no. 4, p. 753-771., WOS

ADCA633 SEDLÁČKOVÁ, K. - UJVÁRI, T. - GRASIN, R. - LOBOTKA, Peter - BERTÓTI, I. - RADNÓCZI, G. C- Ti nanocomposite thin films: structure, mechanical and electrical properties. In *Vacuum*, 2008, vol. 82, p. 214-216. (2008 - Current Contents).

Ohlasy:

[1.1] BALAZSI, K. - LUKACS, I.E. - GURBAN, S. - MENYHARD, M. - BACAKOVA, L. - VANDROVCOVA, M. - BALAZSI, C. In JOURNAL OF THE EUROPEAN CERAMIC SOCIETY. OCT 2013, vol. 33, no. 12, SI, p. 2217-2221., WOS

[1.1] BALAZSI, K. - VANDROVCOVA, M. - BACAKOVA, L. - BALAZSI, C. In MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS. APR 1 2013, vol. 33, no. 3, p. 1671-1675., WOS

[1.1] BERNDT, M. - ABRASONIS, G. - KOVACS, G.J. - KRAUSE, M. - MUNNIK, F. - HELLER, R. - KOLITSCH, A. - MOLLER, W. In JOURNAL OF APPLIED PHYSICS. ISSN 0021-8979, MAR 15 2011, vol. 109, no. 6., WOS

[1.1] GRIGORE, E. - DELACOTE, C. - EL MEL, A.A. - BOUJTITA, M. - GRANIER, A. - TESSIER, P.Y. In SURFACE & COATINGS TECHNOLOGY. OCT 25 2012, vol. 211, p. 192-195., WOS

[1.1] HAN, C.-S. In KOREAN JOURNAL OF METALS AND MATERIALS. FEB 2014, vol. 52, no. 2, p. 163-171., WOS

[1.1] CHEN, Y.M. - LIAO, B. - WU, X.Y. - ZHANG, H.X. - ZHANG, X. In SURFACE & COATINGS TECHNOLOGY. AUG 15 2013, vol. 228, p. S210-S213., WOS

[1.1] OLAH, N.- VERES, M. - SULYOK, A. - MENYHARD, M. - GUBICZA, J. - BALAZSI, K. In JOURNAL OF THE EUROPEAN CERAMIC SOCIETY. NOV 2014, vol. 34, no. 14, SI, p. 3421-3425., WOS

[1.1] ONOPRIENKO, A.A. - DANYLENKO, M.I. In SURFACE & COATINGS TECHNOLOGY. APR 15 2012, vol. 206, no. 16, p. 3450-3453., WOS

ADCA634 SEDLÁČKOVÁ, K. - LOBOTKA, Peter - VÁVRA, Ivo - RADNÓCZI, G. Structural, electrical and magnetic properties of carbon-nickel composite thin films. In *Carbon*, 2005, vol. 43, p. 2192-2198. (3.331 - IF2004). (2005 - Current Contents). ISSN 0008-6223.

Ohlasy:

[1.1] ACHOUR, A. - EL MEL, A.A. - BOUTS, N. - GAUTRON, E. - GRIGORE, E. - ANGLERAUD, B. - LE BRIZOUAL, L. - TESSIER, P.Y. - DJOUADI, M.A. In DIAMOND AND RELATED MATERIALS. APR 2013, vol. 34, p. 76-83., WOS

[1.1] BAGDASAROVA, K.A. - PEROV, N.S. - KARPACHEVA, G.P. - PILE, S.E. - DZIDZIGURI, E.L. In TRENDS IN MAGNETISM. 2011, vol. 168-169, p. 349-352., WOS

[1.1] BERNDT, M. - ABRASONIS, G. - KOVACS, G.J. - KRAUSE, M. - MUNNIK, F. - HELLER, R. - KOLITSCH, A. - MOLLER, W. In JOURNAL OF APPLIED PHYSICS. MAR 15 2011, vol. 109, no. 6., WOS

[1.1] BETTINI, L.G. - DIVITINI, G. - DUCATI, C. - MILANI, P. - PISERI, P. In NANOTECHNOLOGY. OCT 31 2014, vol. 25, no. 43., WOS

[1.1] BHARATHY, P.V. - NATARAJ, D. - YANG, Q. - KIRAN, M.S.R.N. In SURFACE AND INTERFACE ANALYSIS. MAR 2012, vol. 44, no. 3, p. 288-295., WOS

[1.1] EL MEL, A.A. - BOUTS, N. - GRIGORE, E. - GAUTRON, E. - GRANIER, A. - ANGLERAUD, B. - TESSIER, P.Y. In JOURNAL OF APPLIED PHYSICS. JUN 1 2012, vol. 111, no. 11., WOS

[1.1] EL MEL, A.A. - GAUTRON, E. - ANGLERAUD, B. - GRANIER, A. - TESSIER, P.Y. In CARBON. NOV 2011, vol. 49, no. 13, p. 4595-4598., WOS
[1.1] GAO, X.L. - ZHANG, X.Z. - WAN, C.H. - WANG, J.M. In CHINESE PHYSICS LETTERS. FEB 2012, vol. 29, no. 2., WOS
[1.1] HASLAM, G.E. - CHIN, X.Y. - BURSTEIN, G.T. In PHYSICAL CHEMISTRY CHEMICAL PHYSICS. 2011, vol. 13, no. 28, p. 12968-12974., WOS
[1.1] KAIRAITIS, G. - GALDIKAS, A. In RADIATION INTERACTION WITH MATERIAL AND ITS USE IN TECHNOLOGIES 2012. 2012, p. 286-289., WOS
[1.1] KAIRAITIS, G. - GALDIKAS, A. In MATERIALS SCIENCE-MEDZIAGOTYRA. 2013, vol. 19, no. 3, p. 264-269., WOS
[1.1] KAIRAITIS, G. - GALDIKAS, A. In VACUUM. JAN 2014, vol. 99, p. 284-288., WOS
[1.1] KOPPERT, R. - UHLIG, S. - SCHMID-ENGEL, H. - GOTTEL, D. - PROBST, A.C. - SCHULTES, G. - WERNER, U. In DIAMOND AND RELATED MATERIALS. MAY 2012, vol. 25, p. 50-58., WOS
[1.1] KRAUSE, M. - MUECKLICH, A. - OATES, T.W.H. - ZSCHORNAK, M. - WINTZ, S. - ENDRINO, J.L. - BAEHTZ, C. - SHALIMOV, A. - GEMMING, S. - ABRASONIS, G. In APPLIED PHYSICS LETTERS. JUL 30 2012, vol. 101, no. 5., WOS
[1.1] NEDFORS, N. - TENGSTRAND, O. - FLINK, A. - ANDERSSON, A.M. - EKLUND, P. - HULTMAN, L. - JANSSON, U. In SURFACE & COATINGS TECHNOLOGY. AUG 25 2014, vol. 253, p. 100-108., WOS
[1.1] PAUL, R. - SHARMA, M.K. - CHATTERJEE, R. - HUSSAIN, S. - BHAR, R. - PAL, A.K. In APPLIED SURFACE SCIENCE. MAY 15 2012, vol. 258, no. 15, p. 5850-5857., WOS
[1.1] UHLIG, S. - STRUIS, R. - SCHMID-ENGEL, H. - BOCK, J. - PROBST, A.C. - FREITAG-WEBER, O. - ZIZAK, I. - CHERNIKOV, R. - SCHULTES, G. In DIAMOND AND RELATED MATERIALS. APR 2013, vol. 34, p. 25-35., WOS
[1.1] VEPREK, S. In JOURNAL OF VACUUM SCIENCE & TECHNOLOGY A. SEP 2013, vol. 31, no. 5., WOS
[1.1] XU, N.Y. - TEO, H.T. - WANG, X.C. - DU, A.Y. - NG, C.M. - TAY, B.K. In 2011 IEEE 61ST ELECTRONIC COMPONENTS AND TECHNOLOGY CONFERENCE (ECTC). 2011, p. 1234-1238., WOS
[1.1] ZHOU, Z.G. - WANG, J. - LIU, W. - YU, C. - KONG, B. - SUN, Y.A. - YANG, H. - YANG, S.P. - WANG, W. In NANOSCALE. 2014, vol. 6, no. 21, p. 12591-12600., WOS
[1.2] Bosworth, D. , Stelmashenko, N., Barber, Z.H.: Materials Research Society Symposium Proceedings 1451 (2013) 145, SCOPUS
[1.2] Han, B., Yu, X., Ou, J. In Self-Sensing Concrete in Smart Structures. Elsevier 2014. ISBN: 978-012800658-0 pp. 1-385, SCOPUS
[1.2] Yang, J., Xiao, Z., Li, Z., Wen, Q., Yang, F.: 2014 Computational Condensed Matter 1 (1), pp. 51-57, SCOPUS
[1.2] Zhang, Y., Zhao, Y., Yao, Q. In Advanced Materials Research 311-313 (2011), pp. 76-79, SCOPUS

ADCA635 SEIDEL, P. - GRAJCAR, M. - PLECENIK, Andrej - HLUBINA, R. Superconducting parameters of YBCO and BSCCO from tunneling spectroscopy. In

Physica B : condensed matter, 1996, vol. 218, p. 224. (1996 - Current Contents, SCOPUS). ISSN 0921-4526.

Ohlasy:

[1.2] Wördenweber, R., Hollmann, E., Schubert, J., Kutzner, R., Panaitov, G. Physical Review B 85 (2012), 064503, SCOPUS

ADCA636 SERENYI, M. - BETKO, Július - NEMCSICS, A. - KHANH, N.Q. - MORVIC, Marian. Fabrication of a-SiGe structure by RF sputtering for solar cell purpose. In *Physica Status Solidi c*, 2003, vol. 0, p. 857-861.

Ohlasy:

[1.1] CHE, X.S. - LIU, Z.T. - LI, Y.P. - WANG, N. In APPLIED SURFACE SCIENCE. JUN 15 2012, vol. 258, no. 17, p. 6212-6216., WOS

[1.1] CHE, X.S. - LIU, Z.T. - LI, Y.P. - WANG, N. - XU, Z. In VACUUM. APR 2013, vol. 90, SI, p. 75-79., WOS

[1.1] CHE, X.S. - LIU, Z.T. - LI, Y.P. - LIU, Q.J. In COMPUTATIONAL MATERIALS SCIENCE. MAR 2013, vol. 69, p. 121-127., WOS

[1.1] CHE, X.S. - LIU, Z.T. - LI, Y.P. - TAN, T.T. In JOURNAL OF ALLOYS AND COMPOUNDS. NOV 15 2013, vol. 577, p. 15-18., WOS

[1.1] CHE, X.S. - LIU, Z.T. - LI, Y.P. - WANG, N. In JOURNAL OF NON-CRYSTALLINE SOLIDS. MAR 1 2013, vol. 363, p. 46-49., WOS

[1.1] CHE, X.S. - LIU, Z.T. In CHEMICAL, MATERIAL AND METALLURGICAL ENGINEERING III, PTS 1-3. 2014, vol. 881-883, p. 1074-1078., WOS

ADCA637 SCHRÖFEL, A. - KRATOŠOVÁ, G. - BOHUNICKÁ, M. - DOBROČKA, Edmund - VÁVRA, Ivo. Biosynthesis of gold nanoparticles using diatoms-silica-gold and EPS-gold bionanocomposite formation. In *Journal of Nanoparticle Research*, 2011, vol. 13, p. 3207-3216. (3.253 - IF2010). (2011 - Current Contents). ISSN 1388-0764.

Ohlasy:

[1.1] ASMATHUNISHA, N. - KATHIRESAN, K. In COLLOIDS AND SURFACES B-BIOINTERFACES. MAR 1 2013, vol. 103, p. 283-287., WOS

[1.1] DAHOUMANE, S.A. - WIJESEKERA, K. - FILIPE, C.D.M. - BRENNAN, J.D. In JOURNAL OF COLLOID AND INTERFACE SCIENCE. FEB 15 2014, vol. 416, p. 67-72., WOS

[1.1] DAHOUMANE, S.A. - YEPREMIAN, C. - DJEDIAT, C. - COUTE, A. - FIEVET, F. - CORADIN, T. - BRAYNER, R. In JOURNAL OF NANOPARTICLE RESEARCH. SEP 3 2014, vol. 16, no. 10., WOS

[1.1] DWIVEDI, A.D. - MA, L.Q. In CRITICAL REVIEWS IN ENVIRONMENTAL SCIENCE AND TECHNOLOGY. 2014, vol. 44, no. 15, p. 1679-1739., WOS

[1.1] CHEN, Z.G. - WANG, Z. - CHEN, X. - XU, H.X. - LIU, J.B. In JOURNAL OF NANOPARTICLE RESEARCH. SEP 2013, vol. 15, no. 9., WOS

[1.1] PRADHAN, N. - NAYAK, R.R. - PRADHAN, A.K. - SUKLA, L.B. - MISHRA, B.K. In NANOSCIENCE AND NANOTECHNOLOGY LETTERS. OCT 2011, vol. 3, no. 5, p. 659-665., WOS

[1.1] REITH, F. - BRUGGER, J. - ZAMMIT, C.M. - NIES, D.H. - SOUTHAM, G. In MINERALS. DEC 2013, vol. 3, no. 4, p. 367-394., WOS

[1.1] ROEHRICH, A. - ASH, J. - ZANE, A. - MASICA, D.L. - GRAY, J.J. - GOOBES, G. - DROBNY, G. In PROTEINS AT INTERFACES III: STATE OF

THE ART. 2012, vol. 1120, p. 77-96., WOS
[1.1] SHARMA, B. - PURKAYASTHA, D.D. - HAZRA, S. - THAJAMANBI, M. - BHATTACHARJEE, C.R. - GHOSH, N.N. - ROUT, J. In BIOPROCESS AND BIOSYSTEMS ENGINEERING. DEC 2014, vol. 37, no. 12, p. 2559-2565., WOS
[1.1] SHARMA, B. - PURKAYASTHA, D.D. - HAZRA, S. - GOGOI, L. - BHATTACHARJEE, C.R. - GHOSH, N.N. - ROUT, J. In MATERIALS LETTERS. FEB 1 2014, vol. 116, p. 94-97., WOS
[1.1] ZANE, A.C. - MICHELET, C. - ROEHRICH, A. - EMANI, P.S. - DROBNY, G.P. In LANGMUIR. JUN 24 2014, vol. 30, no. 24, p. 7152-7161., WOS
[1.2] Priyadarshini, E., Pradhan, N., Sukla, L.B., Panda, P.K.: Journal of Nanotechnology (2014) 653198, SCOPUS
[1.2] Roehrich, A. Drobny, G.: Accounts Chemical Research 46 (2013) 2136, SCOPUS

ADCA638 SKÁKALOVÁ, V. - VRETENÁR, Viliam - KOPERA, Ľubomír - KOTRUSZ, P. - MANGLER, C. - MEŠKO, M. - MEYER, J.C. - HULMAN, Martin. Electronic transport in composites of graphite oxide with carbon nanotubes. In *Carbon*, 2014, vol. 72, p. 224-232. (6.160 - IF2013). (2014 - Current Contents). ISSN 0008-6223.
Ohlasy:
[1.1] HAN, Z.J. - SEO, D.H. - YICK, S. - CHEN, J.H. - OSTRIKOV, K. In NPG ASIA MATERIALS. OCT 2014, vol. 6., WOS

ADCA639 SOLOVYOV, Mykola - VOJENČIAK, Michal - GÖMÖRY, Fedor. Magnetic field mapping above the superconducting tape with Ni-covered edges. In *IEEE Transactions on Applied Superconductivity*, 2009, vol. 19, p. 3049-3052. (0.919 - IF2008). (2009 - Current Contents, SCOPUS).
Ohlasy:
[1.1] THAKUR, K.P. - JIANG, Z. - STAINES, M.P. - LONG, N.J. - BADCOCK, R.A. - RAJ, A. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. JAN 2011, vol. 471, no. 1-2, p. 42-47., WOS

ADCA640 SOLOVYOV, Mykola - PARDO, Enric - ŠOUC, Ján - GÖMÖRY, Fedor - SKARBA, M. - KONOPKA, P. - PEKARČÍKOVÁ, M. - JANOVEC, J. Non-uniformity of coated conductor tapes. In *Superconductor Science and Technology*, 2013, vol. 26, 115013. (2.758 - IF2012). (2013 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.
Ohlasy:
[1.1] BORROTO, A. - DEL RIO, L. - ARRONTE, M. - JOHANSEN, T.H. - ALTSHULER, E. In APPLIED PHYSICS LETTERS. NOV 17 2014, vol. 105, no. 20., WOS
[1.1] BRAMBILLA, R. - GRILLI, F. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. DEC 2014, vol. 27, no. 12., WOS

ADCA641 SPRINGHOLZ, G. - SCHWARTZ, T. - HEISS, W. - FROMHERZ, T. - BAUER, G. - AIGLE, M. - PASCHER, H. - VÁVRA, Ivo. Fabrication of 3.9-4.2 mu m mid-infrared surface emitting PbSe/PbEuTe quantum dot lasers using molecular beam epitaxy. In *Physica E*, 2002, vol. 13, p. 876-880.

Ohlasy:
[1.1] GRATENS, X. - ISBER, S. - CHARAR, S. - GOLACKI, Z. In JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS. SEP 2012, vol. 324, no. 18, p. 2761-2764., WOS
[1.1] ISBER, S. - GRATENS, X. - CHARAR, S. - GOLACKI, Z. In JEMS 2012 - JOINT EUROPEAN MAGNETIC SYMPOSIA. 2012, vol. 40., WOS
[1.1] PERES, M.L. - RUBINGER, R.M. - RIBEIRO, L.H. - RUBINGER, C.P.L. - RIBEIRO, G.M. - CHITTA, V.A. - RAPPL, P.H.O. - ABRAMOF, E. In JOURNAL OF APPLIED PHYSICS. JUN 15 2012, vol. 111, no. 12., WOS
[1.1] VASTOLA, G. - ZHANG, Y.W. - SHENOY, V.B. In CURRENT OPINION IN SOLID STATE & MATERIALS SCIENCE. APR 2012, vol. 16, no. 2, SI, p. 64-70., WOS

ADCA642 SPRINGHOLZ, G. - SCHWARZL, T. - HEISS, W. - BAUER, G. - AIGLE, M. - PASCHER, H. - VÁVRA, Ivo. Midinfrared surface-emitting PbSe/PbEuTe quantum-dot lasers. In *Applied Physics Letters*, 2001, vol. 79, p. 1225. (3.906 - IF2000). ISSN 0003-6951.
Ohlasy:
[1.1] BAKHTINOV, A.P. - VODOP'YANOV, V.N. - IVANOV, V.I. - KOVALYUK, Z.D. - LYTVYN, O.S. In PHYSICS OF THE SOLID STATE. JAN 2013, vol. 55, no. 1, p. 181-195., WOS
[1.1] EKUMA, C.E. - SINGH, D.J. - MORENO, J. - JARRELL, M. In PHYSICAL REVIEW B. FEB 13 2012, vol. 85, no. 8., WOS
[1.1] HMOOD, A. - KADHIM, A. - ABU HASSAN, H. In MATERIALS CHEMISTRY AND PHYSICS. OCT 15 2012, vol. 136, no. 2-3, p. 1148-1155., WOS
[1.1] HMOOD, A. - KADHIM, A. - ABU HASSAN, H. In SOLID STATE SCIENCE AND TECHNOLOGY XXVI. 2012, vol. 501, p. 257-260., WOS
[1.1] MOREELS, I. - RAINO, G. - GOMES, R. - HENS, Z. - STOFERLE, T. - MAHRT, R.F. In ADVANCED MATERIALS. SEP 11 2012, vol. 24, no. 35, p. OP231-OP235., WOS
[1.1] SHIMKO, A.N. - MALASHKEVICH, G.E. - FREIK, D.M. - NYKYRUY, L.I. - LYTOVCHENKO, V.G. In JOURNAL OF APPLIED SPECTROSCOPY. JAN 2014, vol. 80, no. 6, p. 950-953., WOS
[1.1] WU, H. - ZHANG, Y. - YAN, L. - JIANG, Y.H. - ZHANG, T.Q. - FENG, Y. - CHU, H.R. - WANG, Y.D. - ZHAO, J. - YU, W.W. In OPTICAL MATERIALS EXPRESS. SEP 1 2014, vol. 4, no. 9, p. 1856-1865., WOS
[1.1] ZHANG, L. - ZHANG, Y. - KERSHAW, S.V. - ZHAO, Y.H. - WANG, Y. - JIANG, Y.G. - ZHANG, T.Q. - YU, W.W. - GU, P.F. - WANG, Y.D. - ZHANG, H.Z. - ROGACH, A.L. In NANOTECHNOLOGY. MAR 14 2014, vol. 25, no. 10., WOS

ADCA643 SPRINGHOLZ, G. - PINCZOLITS, M. - HOLÝ, V. - ZERLAUTH, S. - VÁVRA, Ivo - BAUER, G. Vertical and lateral ordering in self-organized quantum dot superlattices. In *Physica E*, 2001, vol. 9, p. 149-163. (2001 - Current Contents).
Ohlasy:
[1.1] AKAHANE, K. - YAMAMOTO, N. - KAWANISHI, T. In PHYSICA STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE. FEB 2011, vol. 208, no. 2, p. 425-428., WOS
[1.1] KIM, S.J. - JUANG, B.C. - WANG, W. - JOKISAARI, J.R. - CHEN,

C.Y. - PHILLIPS, J.D. - PAN, X.Q. In JOURNAL OF APPLIED PHYSICS. MAY 1 2012, vol. 111, no. 9., WOS
[1.1] MANNA, U. - NOYAN, I.C. - ZHANG, Q. - SALAKHUTDINOV, I.F. - DUNN, K.A. - NOVAK, S.W. - MOUG, R. - TAMARGO, M.C. - NEUMARK, G.F. - KUSKOVSKY, I.L. In JOURNAL OF APPLIED PHYSICS. FEB 1 2012, vol. 111, no. 3., WOS
[1.1] VALVO, M. - BONGIORNO, C. - GIANNAZZO, F. - TERRASI, A. In JOURNAL OF APPLIED PHYSICS. JAN 21 2013, vol. 113, no. 3., WOS
[1.1] VENGRENOVICH, R.D. - IVANSKII, B.V. - YAREMA, S.V. - PAN'KO, I.I. - STASYK, M.O. - MOSKALYUK, A.V. In APPLIED OPTICS. APR 1 2014, vol. 53, no. 10, p. B87-B93., WOS
[1.1] WU, J. - HU, X. - LEE, J. - KIM, E.S. - WANG, Z.M.M. In ADVANCED OPTICAL MATERIALS. MAR 2013, vol. 1, no. 3, p. 201-214., WOS
[1.1] WU, J. - WANG, Z.M.M. - HOLMES, K. - MAREGA, E. - ZHOU, Z.H. - LI, H.D. - MAZUR, Y.I. - SALAMO, G.J. In APPLIED PHYSICS LETTERS. MAY 14 2012, vol. 100, no. 20., WOS
[1.1] ZINOVYEV, V.A. - DVURECHENSKII, A.V. - KUCHINSKAYA, P.A. - ARMBRISTER, V.A. In PHYSICAL REVIEW LETTERS. DEC 27 2013, vol. 111, no. 26., WOS
[1.2] Lei, W., Lorke, A.: NanoScience and Technology 87 (2014) 27-59, SCOPUS

ADCA644 SRNÁNEK, R. - IRMER, G. - DONOVAL, D. - OSVALD, Jozef - MCPHAIL, D. - CHRISTOFFI, A - SCIANA, B - RADZIEWICZ, D. - TLACZALA, M. Application of micro-Raman spectroscopy for the evaluation of doping profile in Zn ?-doped GaAs structures. In *Microelectronics Journal*, 2008, vol. 39, p. 1439-1443. (0.610 - IF2007).
Ohlasy:
[1.1] SANSON, A. - NAPOLITANI, E. - CARNERA, A. - IMPELLIZZERI, G. - GIAROLA, M. - MARIOTTO, G. In JOURNAL OF RAMAN SPECTROSCOPY. FEB 2014, vol. 45, no. 2, p. 197-201., WOS

ADCA645 SRNÁNEK, R. - JAKABOVIČ, J. - DOBROČKA, Edmund - IRMER, G. - HEINEMEYER, U. - HEINEMEYER, K. - SCHREIBER, F. - VINCZE, A. - MACHOVIC, V. - KOVÁČ, Ján - DONOVAL, D. Evidence of pentacene bulk and thin film phase transformation into an orthorhombic phase by iodine diffusion. In *Chemical Physics Letters*, 2010, vol. 484, p. 299-303. (2.291 - IF2009). (2010 - Current Contents). ISSN 0009-2614.
Ohlasy:
[1.1] ABDUR, R. - JEONG, K. - LEE, M.J. - LEE, J. In ORGANIC ELECTRONICS. APR 2013, vol. 14, no. 4, p. 1142-1148., WOS
[1.1] HAN, W.N. - YOSHIDA, H. - UENO, N. - KERA, S. In APPLIED PHYSICS LETTERS. SEP 16 2013, vol. 103, no. 12., WOS

ADCA646 SRNÁNEK, R. - JAKABOVIČ, J. - KOVÁČ, Jaroslav - KOVÁČ, Jaroslav Jr. - HAŠKO, D. - ŠATKA, A. - DOBROČKA, Edmund - DONOVAL, D. Identification of the crystalline-phases in thin pentacene layers by Raman spectroscopy. In *Vacuum*, 2012, vol. 86, p.627-629. (1.317 - IF2011). (2012 - Current Contents). ISSN 0042-207X.

Ohlasy:
[1.1] HOFER, A. - BIBERGER, R. - BENSTETTER, G. - WILKE, B. - GOBEL, H. In MICROELECTRONICS RELIABILITY. SEP-NOV 2013, vol. 53, no. 9-11, SI, p. 1430-1433., WOS

ADCA647 STENVALL, A. - MIKKONEN, R. - KOVÁČ, Pavol. Comparison of 1D, 2D and 3D quench onset simulations. In *Physica C*, 2010, vol. 470, p. 2047-2050. (0.723 - IF2009). (2010 - Current Contents, WOS, SCOPUS). ISSN 0921-4534.
Ohlasy:
[1.1] PELEGRIN, J. - ROMANO, G. - MARTINEZ, E. - ANGUREL, L.A. - NAVARRO, R. - FERDEGHINI, C. - BRISIGOTTI, S. - GRASSO, G. - NARDELLI, D. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. APR 2013, vol. 26, no. 4., WOS

ADCA648 STENVALL, A. - MIKKONEN, R. - KOVÁČ, Pavol. Relation between transverse and longitudinal normal zone propagation velocities in impregnated MgB2 windings. In *IEEE Transactions on Applied Superconductivity*, 2009, vol. 19, p. 2403-2406. (0.919 - IF2008). (2009 - Current Contents, SCOPUS).
Ohlasy:
[1.1] CHAN, W.K. - SCHWARTZ, J. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. OCT 2012, vol. 22, no. 5., WOS
[1.1] MORANDI, A. - BRESCHI, M. - CASALI, M. - FABBRI, M. - FERDEGHINI, C. - GAMBARDELLA, U. - MALAGOLI, A. - PACE, S. - RIBANI, P.L. - ROMANO, G. - SAGGESE, A. - VIGNOLO, M. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 2., WOS

ADCA649 STOKLAS, Roman - GREGUŠOVÁ, Dagmar - NOVÁK, Jozef - VESCAN, A. - KORDOŠ, Peter. Investigation of trapping effects in AlGaN/GaN/Si field-effect transistors by frequency dependent capacitance and conductance analysis. In *Applied Physics Letters*, 2008, vol. 93, 124103. (3.596 - IF2007). (2008 - Current Contents, WOS, SCOPUS). ISSN 0003-6951.
Ohlasy:
[1.1] ARSLAN, E. - BUTUN, S. - SAFAK, Y. - CAKMAK, H. - YU, H.B. - OZBAY, E. In MICROELECTRONICS RELIABILITY. MAR 2011, vol. 51, no. 3, p. 576-580., WOS
[1.1] BI, Z.W. - HU, Z.H. - MAO, W. - HAO, Y. - FENG, Q. - CAO, Y.R. - GAO, Z.Y. - ZHANG, J.C. - MA, X.H. - CHANG, Y.M. - LI, Z.M. - MEI, N. In CHINESE PHYSICS B. AUG 2011, vol. 20, no. 8., WOS
[1.1] CAPRIOTTI, M. - ALEXEWICZ, A. - FLEURY, C. - GAVAGNIN, M. - BETHGE, O. - VISALLI, D. - DERLUYN, J. - WANZENBOECK, H. D. - BERTAGNOLLI, E. - POGANY, D. - STRASSER, G. In APPLIED PHYSICS LETTERS. MAR 17 2014, vol. 104, no. 11., WOS
[1.1] COLON, A.- SHI, J. In SOLID-STATE ELECTRONICS. SEP 2014, vol. 99, p. 25-30., WOS
[1.1] FENG, Q. - DU, K. - LI, Y.K. - SHI, P. - FENG, Q. In CHINESE PHYSICS LETTERS. DEC 2013, vol. 30, no. 12., WOS
[1.1] FIORENZA, P. - GRECO, G. - FISICHELLA, G. - ROCCAFORTE, F. - MALANDRINO, G. - LO NIGRO, R. In APPLIED PHYSICS LETTERS. SEP 9 2013, vol. 103, no. 11., WOS

[1.1] FREEDSMAN, J.J. - KUBO, T. - EGAWA, T. In APPLIED PHYSICS LETTERS. JUL 18 2011, vol. 99, no. 3., WOS
[1.1] FREEDSMAN, J.J. - KUBO, T. - EGAWA, T. In APPLIED PHYSICS LETTERS. JUL 2 2012, vol. 101, no. 1., WOS
[1.1] FREEDSMAN, J.J. - KUBO, T. - EGAWA, T. In AIP ADVANCES. JUN 2012, vol. 2, no. 2., WOS
[1.1] HU, C.Y. - HASHIZUME, T. In JOURNAL OF APPLIED PHYSICS. APR 15 2012, vol. 111, no. 8., WOS
[1.1] CHEN, Y. - SONG, H. - JIANG, H. - LI, Z. - ZHANG, Z. - SUN, X. - LI, D. - MIAO, G. In APPLIED PHYSICS LETTERS. NOV 10 2014, vol. 105, no. 19., WOS
[1.1] JOH, J. - DEL ALAMO, J.A. In IEEE TRANSACTIONS ON ELECTRON DEVICES. JAN 2011, vol. 58, no. 1, p. 132-140., WOS
[1.1] JUNG, H. - ABELE, P. - GRUENENPUETT, J.- HOSCH, M. - SCHAUWECKER, B. - BLANCK, H. - ROEDLE, T. - SCHAEFER, M. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 11, NO 3-4. 2014, vol. 11, no. 3-4, p. 940-944., WOS
[1.1] LANSBERGEN, G. P. - WONG, K. Y. - LIN, Y. S. - YU, J. L. - YANG, F. J. - TSAI, C. L. - OATES, A. S. In 2014 IEEE INTERNATIONAL RELIABILITY PHYSICS SYMPOSIUM. 2014., WOS
[1.1] LIU, L. - REN, F. - PEARTON, S.J. - FITCH, R.C. - WALKER, D.E. - CHABAK, K.D. - GILLESPIE, J.K. - KOSSLER, M. - TREJO, M. - VIA, D. - CRESPO, A. In JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B. NOV 2011, vol. 29, no. 6., WOS
[1.1] MA, X.H. - PAN, C.Y. - YANG, L.Y. - YU, H.Y. - YANG, L. - QUAN, S. - WANG, H. - ZHANG, J.C. - HAO, Y. In CHINESE PHYSICS B. FEB 2011, vol. 20, no. 2., WOS
[1.1] MA, X.H. - ZHU, J.J. - LIAO, X.Y. - YUE, T. - CHEN, W.W. - HAO, Y. In APPLIED PHYSICS LETTERS. JUL 15 2013, vol. 103, no. 3., WOS
[1.1] MA, X.-H. - CHEN, W.-W.- HOU, B. - ZHANG, K. - ZHU, J.-J. - ZHANG, J.-C. - ZHENG, X.-F.- HAO, Y. In APPLIED PHYSICS LETTERS. MAR 3 2014, vol. 104, no. 9., WOS
[1.1] PEREZ-TOMAS, A. - FONTSERE, A. - SANCHEZ, S. - JENNINGS, M.R. - GAMMON, P.M. - CORDIER, Y. In APPLIED PHYSICS LETTERS. JAN 14 2013, vol. 102, no. 2., WOS
[1.1] QUAN, S. - HAO, Y. - MA, X.H. - YU, H.Y. In CHINESE PHYSICS B. MAY 2011, vol. 20, no. 5., WOS
[1.1] QUAN, S. - HAO, Y. - MA, X.H. - YU, H.Y. In CHINESE PHYSICS B. JAN 2011, vol. 20, no. 1., WOS
[1.1] SHIH, H.A. - KUDO, M. - SUZUKI, T. In APPLIED PHYSICS LETTERS. JUL 23 2012, vol. 101, no. 4., WOS
[1.1] SHIH, H.-A. - KUDO, M. - SUZUKI, T.-K. In JOURNAL OF APPLIED PHYSICS. NOV 14 2014, vol. 116, no. 18., WOS
[1.1] SILVESTRI, M. - UREN, M.J. - KUBALL, M. In IEEE ELECTRON DEVICE LETTERS. NOV 2012, vol. 33, no. 11, p. 1550-1552., WOS
[1.1] TAJIMA, M. - HASHIZUME, T. In JAPANESE JOURNAL OF APPLIED PHYSICS. JUN 2011, vol. 50, no. 6, Part 1., WOS
[1.1] YANG, L.Y. - HAO, Y. - MA, X.H. - ZHANG, J.C. - PAN, C.Y. - MA, J.G. - ZHANG, K. - MA, P. In CHINESE PHYSICS B. NOV 2011, vol. 20, no. 11., WOS

[1.1] YATABE, Zenji - HORI, Yujin - MA, Wan-Cheng - ASUBAR, Joel T. - AKAZAWA, Masamichi - SATO, Taketomo - HASHIZUME, Tamotsu. In JAPANESE JOURNAL OF APPLIED PHYSICS. OCT 2014, vol. 53, no. 10., WOS

[1.1] ZADE, D. - KAKUSHIMA, K. - KANDA, T. - LIN, Y.C. - AHMET, P. - TSUTSUI, K. - NISHIYAMA, A. - SUGII, N. - CHANG, E.Y. - NATORI, K. - HATTORI, T. - IWAI, H. In MICROELECTRONIC ENGINEERING. JUL 2011, vol. 88, no. 7, p. 1109-1112., WOS

[1.1] ZHANG P. - ZHAO S.-L. - XUE J.-S. - ZHANG, K. - MA, X.-H. - ZHANG, J.-C. - HAO, Y. In CHINESE PHYSICS LETTERS. MAR 2014, vol. 31, no. 3., WOS

[1.1] ZHANG, C.F. - HAO, Y. - FENG, Q. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 9, NO 3-4. 2012, vol. 9, no. 3-4, p. 934-937., WOS

[1.1] ZHANG, K. - XUE, J.S. - CAO, M. - YANG, L.Y. - CHEN, Y.H. - ZHANG, J.C. - MA, X.H. - HAO, Y. In JOURNAL OF APPLIED PHYSICS. MAY 7 2013, vol. 113, no. 17., WOS

[1.1] ZHOU, Y.- LIN, Z. - LUAN, C. - ZHAO, J. - YANG, Q. - YANG, M. - WANG, Y. - FENG, Z. - LV, Y. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. SEP 2014, vol. 29, no. 9., WOS

[1.1] ZHU, J.-J.- MA, X.-H. - HOU, B. - CHEN, W.-W. - HAO, Y. In AIP ADVANCES. MAR 2014, vol. 4, no. 3., WOS

[1.2] Gaewdang, T., Wongcharoen, N.: Advanced Materials Research 931-932 (2014) 122-126, SCOPUS

[1.2] Ren, F., Pearton, S.J., Liu, L., Kang, T.-S., Douglas, E.A., Chang, C.Y., Lo, C.-F., Cullen, D.A., Zhou, L., Smith, D.J. In Materials Research Society Symposium Proceedings Vol. 1396, 2012, pp 115, SCOPUS

ADCA650 STOKLAS, Roman - GREGUŠOVÁ, Dagmar - GAŽI, Štefan - NOVÁK, Jozef - KORDOŠ, Peter. Performance of AlGaN/GaN metal-insulator-semiconductor heterostructure field-effect transistors with AlN gate insulator prepared by reactive magnetron sputtering. In *Journal of Vacuum Science and Technology B*, 2011, vol. 29, 01A809. (1.268 - IF2010). (2011 - Current Contents). ISSN 1071-1023.

Ohlasy:

[1.1] FREEDSMAN, J.J. - KUBO, T. - EGAWA, T. In APPLIED PHYSICS LETTERS. JUL 2 2012, vol. 101, no. 1., WOS

[1.1] LE, S.P. - NGUYEN, T.Q. - SHIH, H.A. - KUDO, M. - SUZUKI, T.K. In JOURNAL OF APPLIED PHYSICS. AUG 7 2014, vol. 116, no. 5., WOS

[1.1] NGUYEN, T.Q. - SHIH, H.A. - KUDO, M. - SUZUKI, T. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 10, NO 11. 2013, vol. 10, no. 11, p. 1401-1404., WOS

[1.1] SHIH, H.A. - KUDO, M. - SUZUKI, T. In APPLIED PHYSICS LETTERS. JUL 23 2012, vol. 101, no. 4., WOS

[1.1] SHIH, H.A. - KUDO, M. - AKABORI, M. - SUZUKI, T. In JAPANESE JOURNAL OF APPLIED PHYSICS. FEB 2012, vol. 51, no. 2, 2., WOS

[1.1] SHIH, H.A. - KUDO, M. - SUZUKI, T.K. In JOURNAL OF APPLIED PHYSICS. NOV 14 2014, vol. 116, no. 18., WOS

ADCA651 STOKLAS, Roman - GREGUŠOVÁ, Dagmar - HUŠEKOVÁ, Kristína - MAREK, J. - KORDOŠ, Peter. Trapped charge effects in AlGaN/GaN metal-oxide-semiconductor structures with Al2O3 and ZrO2 gate insulator. In *Semiconductor Science and Technology*, 2014, vol. 29, 045003. (2.206 - IF2013). (2014 - Current Contents). ISSN 0268-1242.

Ohlasy:

[1.1] STUCHLIKOVA, L. - KOSA, A. - JAKUS, J. - SUSOLIAK, M. - DONOVAL, D. - HRBACEK, J. In 10TH EUROPEAN WORKSHOP ON MICROELECTRONICS EDUCATION (EWME). 2014, p. 116-119., WOS

[1.1] YATABE, Z. - HORI, Y. - MA, W.C. - ASUBAR, J.T. - AKAZAWA, M. - SATO, T. - HASHIZUME, T. In JAPANESE JOURNAL OF APPLIED PHYSICS. OCT 2014, vol. 53, no. 10., WOS

ADCA652 SUMPTION, M.D. - TAKÁCS, Silvester. Flux pinning in the weak layers of superconducting heterogeneous structures. In *Physica C*, 1999, vol. 316, p. 129-151. (1.086 - IF1998). (1999 - Current Contents). ISSN 0921-4534.

Ohlasy:

[1.1] BERDIYOROV, G.R. - ROMAGUERA, A.R.D. - MILOSEVIC, M.V. - DORIA, M.M. - COVACI, L. - PEETERS, F.M. In EUROPEAN PHYSICAL JOURNAL B. APR 2012, vol. 85, no. 4., WOS

ADCA653 ŠAFRÁNKOVÁ, Jaroslava - HURAN, Jozef - HOTOVÝ, I. - KOBZEV, A.P. - KORENEV, S.A. Characterization of nitrogen-doped amorphous silicon carbide thin films. In *Vacuum*, 1998, vol. 51, p. 165-167. (0.480 - IF1997). (1998 - Current Contents).

Ohlasy:

[1.1] SCHNABEL, M. - LOPER, P. - GUTSCH, S. - WILSHAW, P.R. - JANZ, S. In THIN SOLID FILMS. JAN 1 2013, vol. 527, p. 193-199., WOS

ADCA654 ŠAGÁTOVÁ-PERĎOCHOVÁ, A. - DUBECKÝ, František - ZAŤKO, Bohumír - CHODÁK, Ivan - LADZIANSKY, M. - NEČAS, V. Detectors of fast netrons based on semi-insulating GaAs with neutron converter layers. In *Nuclear Instruments and Methods in Physics Research A*.Accelerators, Spectrometers, Detectors, and Associated Equipment, 2007, vol. 576, p. 56-69. (1.190 - IF2006). (2007 - Current Contents). ISSN 0168-9002.

Ohlasy:

[1.1] DIZAJI, H.Z. - KAKAVAND, T. - DAVANI, F.A. In CHINESE PHYSICS LETTERS. JAN 2014, vol. 31, no. 1., WOS

ADCA655 ŠEBO, Pavol - MOSER, Zbigniew - ŠVEC, Peter - JANIČKOVIČ, Dušan - DOBROČKA, Edmund - GASIOR, Wladyslaw - PSTRUŚ, Janus. Effect of indium on the microstructure of the interface between Sn3.13Ag0.74Culn solder and Cu substrate. In *Journal of Alloys and Compounds*, 2009, vol. 480, no. 2, p. 409-415. (1.510 - IF2008). (2009 - Current Contents, WOS, SCOPUS). ISSN 0925-8388.

Ohlasy:

[1.1] FALLAHI, H. - NURULAKMAL, M.S. - FALLAHI, A. - ABDULLAH, J. In JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS. SEP 2012, vol. 23, no. 9, p. 1739-1749., WOS

[1.1] HODULOVA, E. - PALCUT, M. - LECHOVIC, E. - SIMEKOVA, B. - ULRICH, K. In JOURNAL OF ALLOYS AND COMPOUNDS. JUN 23 2011,

vol. 509, no. 25, p. 7052-7059., WOS
[1.1] HONG, E. - KAPLIN, B. - YOU, T. - SUH, M.S. - KIM, Y.S. - CHOE, H. In WEAR. APR 4 2011, vol. 270, no. 9-10, p. 591-597., WOS
[1.1] KIM, Y. - CHOI, H. - LEE, H. - SHIN, D. - MOON, J. - CHOE, H. In JOURNAL OF MATERIALS SCIENCE. NOV 2011, vol. 46, no. 21, p. 6897-6903., WOS
[1.1] LEJUSTE, C. - HODAJ, F. - PETIT, L. Solid state interaction between a Sn-Ag-Cu-In solder alloy and Cu substrate. In INTERMETALLICS. ISSN 0966-9795, MAY 2013, vol. 36, p. 102-108., WOS
[1.1] PIYAVATIN, P. - LOTHONGKUM, G. - LOHWONGWATANA, B. In MATERIALS TESTING. 2012, vol. 54, no. 6, p. 383-389., WOS

ADCA656 ŠMATKO, Vasilij - GOLOVANOV, V. - LIU, C.C. - KIV, A. - FUKS, D. - DONCHEV, I. - IVANOVSKAYA, M. Structural stability of In2O3 films as sensor materialsStructural stability of In2O3 films as sensor materials. In *Journal of Materials Science. Materials in Electronics*, 2010, vol. 21, p. 360-363. (1.020 - IF2009). (2010 - Current Contents, SCOPUS). ISSN 0957-4522.
Ohlasy:
[1.1] AFZAL, A. - IQBAL, N. - MUJAHID, A. - SCHIRHAGL, R. In ANALYTICA CHIMICA ACTA. JUL 17 2013, vol. 787, p. 36-49., WOS
[1.1] ESTACIO, E.S. - QUE, C.T. - AWITAN, F.C.B. - BUGANTE, J.I. - DE VERA, F.I. - AZARES, J. - AFALLA, J. - DE VERO, J. - SOMINTAC, A.S. - SARMAGO, R.V. - SALVADOR, A.A. - YAMAMOTO, K. - TANI, M. In OPTICS EXPRESS. FEB 13 2012, vol. 20, no. 4, p. 4518-4524., WOS
[1.1] KOROTCENKOV, G. - CHO, B.K. In SENSORS AND ACTUATORS B-CHEMICAL. AUG 2011, vol. 156, no. 2, p. 527-538., WOS
[1.1] KOROTCENKOV, G. - CHO, B.K. In PROGRESS IN CRYSTAL GROWTH AND CHARACTERIZATION OF MATERIALS. 2012, vol. 58, no. 4, p. 167-208., WOS
[1.2] Korotcenkov, G., Cho, B.K.: Ceramic Transactions 232 (2012) 101., SCOPUS

ADCA657 ŠOLTÝS, Ján - CAMBEL, Vladimír - FEDOR, Ján. Study of tip-induced Ti-film oxidation in atomic force microscopy contact and non-contact mode. In *Acta Physica Polonica*, 2003, vol. 103, p. 553-557. (2003 - Current Contents, SCOPUS). ISSN 1898-794X.
Ohlasy:
[1.1] BATKO, I. - BATKOVA, M. In EUROPEAN PHYSICAL JOURNAL-APPLIED PHYSICS. MAY 2012, vol. 58, no. 2., WOS
[1.1] HUANG, J.C. - WANG, J.Y. In SCANNING. SEP-OCT 2012, vol. 34, no. 5, p. 347-356., WOS

ADCA658 ŠOUC, Ján - SOLOVYOV, Mykola - GÖMÖRY, Fedor - CAMPS, J.P. - NAVAU, C. - SANCHEZ, A. A quasistatic magnetic cloak. In *New Journal of Physics*, 2013, vol. 15, 053019. (4.063 - IF2012). (2013 - Current Contents, WOS, SCOPUS). ISSN 1367-2630.
Ohlasy:
[1.1] FLEURY, R. - ALU, A. In PROGRESS IN ELECTROMAGNETICS RESEARCH-PIER. 2014, vol. 147, p. 171-202., WOS
[1.1] JUNG, P. - USTINOV, A. V. - ANLAGE, S. M. In

SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUL 2014, vol. 27, no. 7., WOS

[1.1] YAMPOLSKII, S. V. - GENENKO, Y. A. In APPLIED PHYSICS LETTERS. APR 7 2014, vol. 104, no. 14., WOS

[1.1] YAMPOLSKII, S. V. - GENENKO, Y. A. In APPLIED PHYSICS LETTERS. JAN 20 2014, vol. 104, no. 3., WOS

[1.1] YONG, H. - ZHAO, M. - JING, Z. - ZHOU, Y. In JOURNAL OF APPLIED PHYSICS. SEP 28 2014, vol. 116, no. 12., WOS

ADCA659 ŠOUC, Ján - GÖMÖRY, Fedor - KLINČOK, Boris - FROLEK, Lubomír - VOJENČIAK, Michal - USOSKIN, A. - RUTT, A. AC loss measurement of the YBCO cable model. In *IEEE Transactions on Applied Superconductivity*, 2007, vol. 17, p. 1718-1721. (0.717 - IF2006). (2007 - Current Contents, WOS, SCOPUS).

Ohlasy:

[1.1] LI, Z. - RYU, K. - HWANG, S.D. - CHA, G. - SONG, H.J. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. NOV 2011, vol. 471, no. 21-22, p. 1554-1558., WOS

[1.1] LI, Z.Y. - MA, Y.H. - RYU, K. - OH, S.R. - YIM, S.W. - HWANG, S.D. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 2., WOS

[3] Emhofer, J.: PhD Thesis. Vienna: TU 2012.

ADCA660 ŠOUC, Ján - GÖMÖRY, Fedor - VOJENČIAK, Michal. Calibration free method for measurement of the AC magnetization loss. In *Superconductor Science and Technology*, 2005, vol. 18, p. 592-595. (1.556 - IF2004). (2005 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] GLASSON, N.D. - STAINES, M.P. - JIANG, Z.N. - ALLPRESS, N.S. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 2., WOS

[1.1] CHUDY, M. - CHEN, Y. - ZHANG, M. - BAGHDADI, M. - LALK, J. - PRETORIUS, T. - COOMBS, T. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. FEB 2014, vol. 24, no. 1., WOS

[1.1] KOVAC, P. - HUSEK, I. - MELISEK, T. - KOPERA, L. - KOVAC, J. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUN 2014, vol. 27, no. 6., WOS

[1.1] LAKSHMI, L.S. - LONG, N.J. - BADCOCK, R.A. - STAINES, M.P. - JIANG, Z. - THAKUR, K.P. - EMHOFER, J. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 3, p. 3311-3315., WOS

[1.1] LYLY, M. - LAHTINEN, V. - STENVALL, A. - ROSTILA, L. - MIKKONEN, R. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. APR 2014, vol. 24, no. 2., WOS

[1.2] Krüger, P. Optimisation of Hysteretic Losses in High-Temperature Superconducting Wires. PhD Thesis Karlsruhe: KIT Scientific Publishing, 2014. ISBN 978 3 73150 185 5 pp. 1-218, SCOPUS

[3] Emhofer, J.: PhD Thesis. Vienna: TU 2012.

ADCA661 ŠOUC, Ján - GÖMÖRY, Fedor - VOJENČIAK, Michal. Coated conductor arrangement for reduced AC losses in a resistive-type superconducting fault current

limiter. In *Superconductor Science and Technology*, 2012, vol. 25, 014005. (2.662 - IF2011). (2012 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] CAI, L. - XU, J. - LI, S. - LI, Z.Y. - JIN, Z. - RYU, K. - HWANG, S.D. - XU, X. - WEI, Z. - HONG, Z.Y. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2014, vol. 24, no. 3., WOS

[1.1] LI, Q. - TAN, H. - YU, X.J. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. OCT 2014, vol. 24, no. 5., WOS

[1.2] Rahman, S.A., Moharana, A., Varma, R.K., Litzenberger, W.H. IEEE Power and Energy Society General Meeting 2013, 6672936, SCOPUS

[1.2] Yoo, J., Han, Y.-H., Kim, H.-R., Park, B.-J., Yang, S.-E., Kim, H., Yu, S.-D., Park, K.: Progress in Superconductivity and Cryogenics Vol. 16, 2014, pp.42-46, SCOPUS

ADCA662 ŠOUC, Ján - VOJENČIAK, Michal - GÖMÖRY, Fedor. Experimentally determined transport and magnetization ac losses of small cable models constructed from YBCO coated conductors. In *Superconductor Science and Technology*, 2010, vol. 23, 045029. (2.694 - IF2009). (2010 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] FUKUI, S. - HATAKEYAMA, S. - NANAYAMA, J. - MARUKO, A. - OGAWA, J. - SATO, T. - OKA, T. - TSUKAMOTO, O. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 2., WOS

[1.1] LI, Q. - AMEMIYA, N. - TAKEUCHI, K. - NAKAMURA, T. - FUJIWARA, N. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 2, p. 953-956., WOS

[1.1] LI, Q. - AMEMIYA, N. - NISHINO, R. - NAKAMURA, T. - OKUMA, T. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. JAN 2013, vol. 484, p. 217-222., WOS

[1.1] LI, Q. - TAN, H. - YU, X.J. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. OCT 2014, vol. 24, no. 5., WOS

[1.1] MAJOROS, M. - SUMPTION, M.D. - COLLINGS, E.W. - VAN DER LAAN, D.C. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. DEC 2014, vol. 27, no. 12., WOS

[1.2] Cicek, A., Inanir, F. Progress in Exergy, Energy, and the Environment Eds. Ibrahim Dincer, Adnan Midilli, Haydar Kucuk. Springer 2014. ISBN: 978-3-319-04680-8. P. 453-458, SCOPUS

[3] Emhofer, J.: PhD Thesis. Vienna: TU 2012.

ADCA663 ŠOUC, Ján - GÖMÖRY, Fedor - KOVÁČ, Ján - NAST, R. - JUNG, A. - VOJENČIAK, Michal - GRILLI, F. - GOLDACKER, W. Low AC loss cable produced from transported striated CC tapes. In *Superconductor Science and Technology*, 2013, vol. 26, 075020. (2.758 - IF2012). (2013 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] HE, A. - XUE, C. - YONG, H.D. - ZHOU, Y.H. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. FEB 2014, vol. 27, no. 2., WOS

[1.1] MAJOROS, M. - SUMPTION, M.D. - COLLINGS, E.W. - VAN DER

LAAN, D.C. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. DEC 2014, vol. 27, no. 12., WOS

[1.1] OBRADORS, X. - PUIG, T. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. APR 2014, vol. 27, no. 4., WOS

[1.1] YANAGISAWA, Y. - PIAO, R. - IGUCHI, S. - NAKAGOME, H. - TAKAO, T. - KOMINATO, K. - HAMADA, M. - MATSUMOTO, S. - SUEMATSU, H. - JIN, X. - TAKAHASHI, M. - YAMAZAKI, T. - MAEDA, H. In JOURNAL OF MAGNETIC RESONANCE. DEC 2014, vol. 249, p. 38-48., WOS

ADCA664 ŠOUC, Ján - GÖMÖRY, Fedor. New approach to the ac loss measurement in the superconducting secondary circuit of an iron-core transformer. In *Superconductor Science and Technology*, 2002, vol. 15, p. 927-932. (1.511 - IF2001). (2002 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.2] Krüger, P. Optimisation of Hysteretic Losses in High-Temperature Superconducting Wires. PhD Thesis Karlsruhe: KIT Scientific Publishing, 2014. ISBN 978 3 73150 185 5 pp. 1-218, SCOPUS

[1.2] Stenvall, A., Lahtinen, V., Lyly, M. Superconductor Science and Technology 27 (10), 104004, SCOPUS

ADCA665 ŠOUC, Ján - PARDO, Enric - VOJENČIAK, Michal - GÖMÖRY, Fedor. Theoretical and experimental study of AC loss in high temperature superconductor single pancake coils. In *Superconductor Science and Technology*, 2009, vol. 22, 015006. (1.847 - IF2008). (2009 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] AINSLIE, M.D. - FLACK, T.J. - CAMPBELL, A.M. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. JAN 2012, vol. 472, no. 1, p. 50-56., WOS

[1.1] AINSLIE, M.D. - RODRIGUEZ-ZERMENO, V.M. - HONG, Z.Y. - YUAN, W.J. - FLACK, T.J. - COOMBS, T.A. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. APR 2011, vol. 24, no. 4., WOS

[1.1] AINSLIE, M.D. - YUAN, W.J. - HONG, Z.Y. - PEI, R.L. - FLACK, T.J. - COOMBS, T.A. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 3, p. 3265-3268., WOS

[1.1] ALEX, F. - YEHOSHUA, W. - FAINA, K. - YOSEF, Y. In SUPERCONDUCTIVITY CENTENNIAL CONFERENCE 2011. 2012, vol. 36, p. 1169-1174., WOS

[1.1] GRINENKO, V. - FUCHS, G. - NENKOV, K. - HOLZAPFEL, B. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAR 2013, vol. 26, no. 3., WOS

[1.1] CHUDY, M. - CHEN, Y. - ZHANG, M. - BAGHDADI, M. - LALK, J. - PRETORIUS, T. - COOMBS, T. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. FEB 2014, vol. 24, no. 1., WOS

[1.1] JIANG, Z.A. - LONG, N.J. - BADCOCK, R.A. - STAINES, M. - SLADE, R.A. - CAPLIN, A.D. - AMEMIYA, N. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAR 2012, vol. 25, no. 3., WOS

[1.1] LAHTINEN, V.- STENVALL, A. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. MAR 2014, vol. 27,

no. 3, p. 641-650., WOS
[1.1] NGUYEN, D.N. - KIM, C.H. - KIM, J.H. - PAMIDI, S. - ASHWORTH, S.P. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. SEP 2013, vol. 26, no. 9., WOS
[1.1] PITEL, J. - KOVAC, P. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. DEC 2011, vol. 471, no. 23-24, p. 1680-1688., WOS
[1.1] PRIGOZHIN, L. - SOKOLOVSKY, V. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUL 2011, vol. 24, no. 7., WOS
[1.1] SEILER, E. - ABRAHAMSEN, A.B. - KOVAC, J. - WICHMANN, M. - TRAEHOLT, C. In SUPERCONDUCTIVITY CENTENNIAL CONFERENCE 2011. 2012, vol. 36, p. 980-984., WOS
[1.1] SEO, J. H. - HAN, K. J. - CHOI, H. S. - LEE, S.-H. - HAHN, S. - LEE, H. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2014, vol. 24, no. 3., WOS
[1.1] STENVALL, A. - GRILLI, F. - LYLY, M. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 3., WOS
[1.1] STENVALL, A. - LAHTINEN, V. - LYLY, M. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. OCT 2014, vol. 27, no. 10., WOS
[1.1] XIE, P. - QU, T.M. - SONG, P. - GU, C. - HUANG, K.T. - HAN, Z. - ZENG, P. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. NOV 2011, vol. 471, no. 21-22, p. 1103-1106., WOS
[1.1] XUE, C. - ZHOU, Y. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. AUG 2014, vol. 24, no. 4., WOS
[1.1] YUAN, W.J. In SECOND-GENERATION HIGH-TEMPERATURE SUPERCONDUCTING COILS AND THEIR APPLICATIONS FOR ENERGY STORAGE. ISSN 2190-5053, 2011, p. 5-23., WOS
[1.1] YUAN, W.J. In SECOND-GENERATION HIGH-TEMPERATURE SUPERCONDUCTING COILS AND THEIR APPLICATIONS FOR ENERGY STORAGE. ISSN 2190-5053, 2011, p. 53-104., WOS
[1.1] YUAN, W.J. - AINSLIE, M.D. - XIAN, W. - HONG, Z. - CHEN, Y. - YAN, Y. - PEI, R. - COOMBS, T.A. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 2, p. 2441-2444., WOS
[1.1] YUAN, W.J. - COOMBS, T.A. - KIM, J.H. - KIM, C.H. - KVITKOVIC, J. - PAMIDI, S. In JOURNAL OF APPLIED PHYSICS. DEC 1 2011, vol. 110, no. 11., WOS
[1.1] ZERMENO, V.M.R. - ABRAHAMSEN, A.B. - MIJATOVIC, N. - JENSEN, B.B. - SORENSEN, M.P. In JOURNAL OF APPLIED PHYSICS. NOV 7 2013, vol. 114, no. 17., WOS
[1.1] ZHANG, M. - KIM, J.H. - PAMIDI, S. - CHUDY, M. - YUAN, W.J. - COOMBS, T.A. In JOURNAL OF APPLIED PHYSICS. APR 15 2012, vol. 111, no. 8., WOS
[1.1] ZHANG, M. - KVITKOVIC, J. - PAMIDI, S.V. - COOMBS, T.A. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. DEC 2012, vol. 25, no. 12., WOS

ADCA666 ŠPANKOVÁ, Marianna - CHROMIK, Štefan - VÁVRA, Ivo - ŠTRBÍK, Vladimír - LIDAY, J. - VOGRINČIČ, P. - ESPINOS, J.P. - LOBOTKA, Peter. Epitaxial LSMO films grown on GaAs substrates with MgO buffer layer. In *Physica*

status solidi A.Applications and materials science, 2009, vol. 206, p. 1456-1460. (1.205 - IF2008). (2009 - Current Contents, SCOPUS). ISSN 1862-6300.

Ohlasy:

[1.1] CESARIA, M. - CARICATO, A.P. - MARUCCIO, G. - MARTINO, M. In INTERNATIONAL CONFERENCE ON TRENDS IN SPINTRONICS AND NANOMAGNETISM (TSN 2010). 2011, vol. 292., WOS

[1.1] SAHU, D.R. La0.7Sr0.3MnO3 film prepared by dc sputtering on silicon substrate: Effect of working pressure. In JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS. MAY 2012, vol. 73, no. 5, p. 622-625., WOS

ADCA667 ŠPANKOVÁ, Marianna - CHROMIK, Štefan - VÁVRA, Ivo - SEDLÁČKOVÁ, K. - LOBOTKA, Peter - LUCAS, S. - STANČEK, S. Epitaxial LSMO films grown on MgO single crystalline substrates. In *Applied Surface Science*, 2007, vol. 253, p. 7599-7603. (1.440 - IF2006). (2007 - Current Contents). ISSN 0169-4332.

Ohlasy:

[1.1] CERNIUKE, I. - VENGALIS, B. - ANISIMOVAS, F. - MANEIKIS, A. - GRIGALIUNAITE-VONSEVICIENE, G. In 5TH INTERNATIONAL CONFERENCE RADIATION INTERACTION WITH MATERIALS: FUNDAMENTALS AND APPLICATIONS 2014. 2014, p. 286-289., WOS

[1.1] FANG, S.J. - PANG, Z.Y. - WANG, F.G. - LIN, L.A. - HAN, S.H. In JOURNAL OF MATERIALS SCIENCE & TECHNOLOGY. MAR 2011, vol. 27, no. 3, p. 223-226., WOS

[1.1] GAO, H.Y. - STARUCH, M. - JAIN, M. - GAO, P.X. - SHIMPI, P. - GUO, Y.B. - CAI, W.J. - LIN, H.J. In APPLIED PHYSICS LETTERS. MAR 21 2011, vol. 98, no. 12., WOS

[1.1] CHENG, H.G. - DENG, N. In 2012 IEEE 11TH INTERNATIONAL CONFERENCE ON SOLID-STATE AND INTEGRATED CIRCUIT TECHNOLOGY (ICSICT-2012). 2012, p. 1251-1253., WOS

[1.1] JAIN, S. - SHARMA, H. - TOMY, C.V. - PALKAR, V.R. - TULAPURKAR, A. In SOLID STATE PHYSICS: PROCEEDINGS OF THE 58TH DAE SOLID STATE PHYSICS SYMPOSIUM 2013, PTS A & B. 2014, vol. 1591, p. 1609-1611., WOS

[1.1] MISHRA, A. - DUTTA, A. - SAMADDAR, S. - GUPTA, A.K. In THIN SOLID FILMS. MAY 1 2013, vol. 534, p. 67-69., WOS

[1.1] MUKHERJEE, D. - BINGHAM, N. - HORDAGODA, M. - PHAN, M.H. - SRIKANTH, H. - WITANACHCHI, S. - MUKHERJEE, P. In JOURNAL OF APPLIED PHYSICS. OCT 15 2012, vol. 112, no. 8., WOS

[1.1] MUKHERJEE, D. - HYDE, R. - MUKHERJEE, P. - SRIKANTH, H. - WITANACHCHI, S. In JOURNAL OF APPLIED PHYSICS. MAR 15 2012, vol. 111, no. 6., WOS

[1.1] NAVASERY, M. - HALIM, S.A. - BAHMANROKH, G. - ERFANI, M. - SOLTANI, N. - DEHZANGI, A. - KAMALIANFAR, A. - DIN, F.U. - ABDOLMOHAMMADI, S. - CHEN, S.K. - LIM, K.P. - MEHDIPOUR, L.A. - ANUAR, A. In INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE. MAY 2013, vol. 8, no. 5, p. 6905-6921., WOS

[1.1] NAVASERY, M. - HALIM, S.A. - SOLTANI, N. - BAHMANROKH, G. - DEHZANGI, A. - ERFANI H, M. - KAMALIANFAR, A. - CHEN, S.K. - PAN, K.Y. In INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE. JAN 2013, vol. 8, no. 1, p. 467-476., WOS

[1.1] NAVASERY, M. - HALIM, S.A. - SOLTANI, N. - BAHMANROKH, G. - ERFANI, M. - CHEN, S.K. - LIM, K.P. - KECHIK, M.M.A. In JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS. MAR 2014, vol. 25, no. 3, p. 1317-1324., WOS

[1.1] WU, X.J. - ZHANG, Z.Z. - MENG, J. In APPLIED PHYSICS LETTERS. MAR 19 2012, vol. 100, no. 12., WOS

[1.1] ZHU, X.R. - SHEN, H.L. - TSUKAMOTO, K. - YANAGISAWA, T. - OKUTOMI, M. - HIGUCHI, N. In CERAMICS INTERNATIONAL. DEC 2012, vol. 38, no. 8, p. 6405-6410., WOS

[1.1] ZHU, X.R. - ZHU, Z.G. - CHEN, C. - SHEN, H.L. - TSUKAMOTO, K. - YANAGISAWA, T. - OKUTOMI, M. - HIGUCHI, N. In CERAMICS INTERNATIONAL. DEC 2013, vol. 39, no. 8, p. 9025-9031., WOS

[1.2] Cheng, H., Liu, Z., Yao, K. In Applied Physics Letters 98 (2011) , art. no. 172107, SCOPUS

ADCA668 ŠPANKOVÁ, Marianna - VÁVRA, Ivo - GAŽI, Štefan - MACHAJDÍK, Daniel - CHROMIK, Štefan - FRÖHLICH, Karol - HELLEMANS, L. - BEŇAČKA, Štefan. Growth and recrystallization of CeO2 thin films deposited on R-plane sapphire by off-axis RF sputtering. In *Journal of Crystal Growth*, 2000, vol. 218, p. 287-293. (1.490 - IF1999). (2000 - Current Contents). ISSN 0022-0248.

Ohlasy:

[1.1] ABAL'OSHEVA, I. - ZAYTSEVA, I. - ALESZKIEWICZ, M. - SYRYANYY, Y. - GIERLOWSKI, P. - ABAL'OSHEV, O. - BEZUSYY, V. - CIEPLAK, M.Z. In ACTA PHYSICA POLONICA A. APR 2012, vol. 121, no. 4, p. 805-807., WOS

[1.1] LIU, H.R. - LIU, L.F. - SONG, X.K. - HONG, D. - WANG, Y. - LI, Y.J. In SEVENTH INTERNATIONAL CONFERENCE ON THIN FILM PHYSICS AND APPLICATIONS. 2011, vol. 7995., WOS

[1.1] MATOLIN, V. - FIALA, R. - KHALAKHAN, I. - LAVKOVA, J. - VACLAVU, M. - VOROKHTA, M. In INTERNATIONAL JOURNAL OF NANOTECHNOLOGY. 2012, vol. 9, no. 8-9, p. 680-694., WOS

[1.2] Wang, G., Chen, C., Kong, D., Pan, Y., Pan, H., Zhu, J. Zhenkong Kexue yu Jishu Xuebao/ Vacuum Science and Technology Vol. 34, 2014, Pp 549-553, SCOPUS

ADCA669 ŠPANKOVÁ, Marianna - VÁVRA, Ivo - CHROMIK, Štefan - GAŽI, Štefan - ŠTRBÍK, Vladimír - KÚŠ, P. - MACHAJDÍK, Daniel - BEŇAČKA, Štefan. Improvement of the superconducting properties of YBCO thin films upon annealing of CeO2/Al2O3 substrate. In *Thin Solid Films*, 2002, vol. 416, p. 254-259. ISSN 0040-6090.

Ohlasy:

[1.1] VIDU, R. - PLAPCIANU, C. - BARTHA, C. In INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH. MAY 14 2014, vol. 53, no. 19, p. 7829-7839., WOS

ADCA670 ŠPANKOVÁ, Marianna - VÁVRA, Ivo - CHROMIK, Štefan - HARASEK, S. - LUPTÁK, Roman - ŠOLTÝS, Ján - HUŠEKOVÁ, Kristína. Structural properties of Y2O3 thin films grown on Si(100) and Si(111) substrates. In *Materials Science and Engineering B*. B.Solid-State Materials for Advanced Technology. - Lausanne :

Elsevier Science, 2005, vol. 16, p. 30-33. (0.924 - IF2004). (2005 - Current Contents, SCOPUS). ISSN 0921-5107.

Ohlasy:

[1.1] CHEN, J.C. - MENG, Q.G. - MAY, P.S. - BERRY, M.T. - KILIN, D.S. In MOLECULAR PHYSICS. FEB 16 2014, vol. 112, no. 3-4, SI, p. 508-517., WOS

[1.1] LEI, P. - ZHU, J.Q. - ZHU, Y.K. - JIANG, C.Z. - YIN, X.B. In SURFACE & COATINGS TECHNOLOGY. AUG 25 2013, vol. 229, p. 226-230., WOS

[1.1] LI, Q. - LIU, J. - LV, W.L. - MO, L.B. - DUAN, D.W. - GU, H.W. - DING, F.Z. - TANG, T. - LUO, D.L. - CAO, J.L. In INTERNATIONAL JOURNAL OF HYDROGEN ENERGY. APR 15 2013, vol. 38, no. 11, p. 4266-4271., WOS

[1.1] TSIPIS, A. - GKARMPOUNIS, D. In INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY. MAR 5 2013, vol. 113, no. 5, SI, p. 694-708., WOS

[1.1] TSIPIS, A.C. In PHYSICAL CHEMISTRY CHEMICAL PHYSICS. 2012, vol. 14, no. 43, p. 14917-14922., WOS

[1.1] ZHANG, H.Y. - JIN, L. - SONG, B. - HAN, J.C. - WANG, G.G. - KUANG, X.P. - SUN, R. In JOURNAL OF ALLOYS AND COMPOUNDS. OCT 25 2012, vol. 539, p. 40-43., WOS

[1.1] ZHU, J.Q. - ZHU, Y.K. - SHEN, W.X. - WANG, Y.J. - HAN, J.C. - TIAN, G. - LEI, P. - DAI, B. In THIN SOLID FILMS. MAY 31 2011, vol. 519, no. 15, SI, p. 4894-4898., WOS

ADCA671 TAKÁCS, Silvester. AC losses in superconducting cables and their expected values in magnetic systems : Topical Review. In *Superconductor Science and Technology*, 1997, vol. 10, p. 733. (1.447 - IF1996). (1997 - Current Contents, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] GRILLI, F. - PARDO, E. - STENVALL, A. - NGUYEN, D.N. - YUAN, W.J. - GOMORY, F. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. FEB 2014, vol. 24, no. 1., WOS

[1.1] ZHOU, C. - MIYOSHI, Y. - VAN LANEN, E.P.A. - DHALLE, M. - NIJHUIS, A. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUN 2012, vol. 25, no. 6., WOS

ADCA672 TAKÁCS, Silvester. Acceptable coupling losses in striated coated conductors or twisted cables ensuring current sharing between superconducting filaments. In *Superconductor Science and Technology*, 2013, vol. 26, 055022. (2.758 - IF2012). (2013 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] HOPKINS, S.C. - JOSEPH, D. - MITCHELL-WILLIAMS, T.B. - CALLEJA, A. - VLAD, V.R. - VILARDELL, M. - RICART, S. - GRANADOS, X. - PUIG, T. - OBRADORS, X. - USOSKIN, A. - FALTER, M. - BACKER, M. - GLOWACKI, B.A. In 11TH EUROPEAN CONFERENCE ON APPLIED SUPERCONDUCTIVITY (EUCAS2013), PTS 1-4. 2014, vol. 507., WOS

[1.1] MAJOROS, M. - SUMPTION, M.D. - COLLINGS, E.W. - LONG, N.J. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2014, vol. 24, no. 3., WOS

ADCA673 TAKÁCS, Silvester. Acceptable coupling losses in coated conductors at industrial frequencies without twisting the superconducting stripes. In *Journal of Applied Physics*, 2008, vol. 103, 053907. (2.171 - IF2007). (2008 - Current Contents, SCOPUS). ISSN 0021-8979.

Ohlasy:

[1.1] MAJOROS, M. - SUMPTION, M. D. - COLLINGS, E. W. - LONG, N. J. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2014, vol. 24, no. 3., WOS

ADCA674 TAKÁCS, Silvester - POLÁK, Milan - KREMPASKÝ, Ludovít. Critical currents of NbTi tapes with differently oriented defects. In *Cryogenics*, 1983, vol. 23, p. 155. ISSN 0011-2275.

Ohlasy:

[1.1] ROLANDO, G. - FOUSSAT, A. - KNASTER, J. - ILIN, Y. - NIJHUIS, A. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. AUG 2013, vol. 26, no. 8., WOS

ADCA675 TAKÁCS, Silvester. Current and magnetic field distribution in finite superconducting cables. In *Superconductor Science and Technology*, 2002, vol. 15, p. 1377-1384. (1.511 - IF2001). (2002 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] MARCHEVSKY, M. - DIMARCO, J. - FELICE, H. - HAFALIA, A.R. - JOSEPH, J. - LIZARAZO, J. - WANG, X. - SABBI, G. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 3., WOS

ADCA676 TAKÁCS, Silvester. Der Einfluss der Metallbedeckung auf die supraleitenden Eigenschaften von dünnen Zylinder. In *Czechoslovak journal of physics B*, 1969, vol. 19, p. 1366-1370. ISSN 0011-4626.

Ohlasy:

[1.1] OLENDSKI, O. In ANNALS OF PHYSICS. JUN 2011, vol. 326, no. 6, p. 1479-1500., WOS

[1.1] OLENDSKI, O. In ANNALS OF PHYSICS. MAY 2012, vol. 327, no. 5, p. 1365-1390., WOS

ADCA677 TAKÁCS, Silvester. Der Flusseintritt in Supraleiter II. : Art. In *Physica Status Solidi A*. A.Applied Research, 1967, vol. 21, p. 709. ISSN 0031-8965.

Ohlasy:

[1.1] OLENDSKI, O. In ANNALS OF PHYSICS. JUN 2011, vol. 326, no. 6, p. 1479-1500., WOS

ADCA678 TAKÁCS, Silvester. Die Entstehung der Flusswirbel im Typ II Supraleiter. In *Zeitschrift für Physik*, 1967, vol. 199, p. 495.

Ohlasy:

[1.1] OLENDSKI, O. In ANNALS OF PHYSICS. JUN 2011, vol. 326, no. 6, p. 1479-1500., WOS

ADCA679 TAKÁCS, Silvester. Die Entstehung der Flusswirbel im Hohlzylinder aus Typ-II-Supraleiter. In *Zeitschrift für Physik*, 1967, vol. 203, p. 226.

Ohlasy:

[1.1] OLENDSKI, O. In ANNALS OF PHYSICS. ISSN 0003-4916, JUN 2011, vol. 326, no. 6, p. 1479-1500., WOS

ADCA680 TAKÁCS, Silvester - GÖMÖRY, Fedor - LOBOTKA, Peter. Frequency dependence of AC susceptibility due to the viscous motion of flux lines. In *IEEE Transactions on Magnetics*, 1991, vol. 27, p. 1057.

Ohlasy:

[1.1] THAKUR, K.P. - RAJ, A. - BRANDT, E.H. - SASTRY, P.V.P.S.S. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. APR 2011, vol. 24, no. 4., WOS

ADCA681 TAKÁCS, Silvester. Hysteresis loses in superconductors with an out-of-phase applied magnetic field and current: slab geometry. In *Superconductor Science and Technology*, 2007, vol. 20, p. 1093-1096. (1.440 - IF2006). (2007 - Current Contents, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] GRILLI, F. - PARDO, E. - STENVALL, A. - NGUYEN, D.N. - YUAN, W.J. - GOMORY, F. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. FEB 2014, vol. 24, no. 1., WOS

[1.1] KILIC, A. - OLUTAS, M. - KILIC, K. - ALTINKOK, A. In JOURNAL OF APPLIED PHYSICS. DEC 1 2011, vol. 110, no. 11., WOS

[1.1] RUIZ, H.S. - BADIA-MAJOS, A. In JOURNAL OF APPLIED PHYSICS. MAY 21 2013, vol. 113, no. 19., WOS

[1.2] Wang, Y.: Fundamental Elements of Applied Superconductivity in Electrical Engineering. Wiley: 2013. ISBN: 9781118451144, SCOPUS

ADCA682 TAKÁCS, Silvester - WERNER, A. - SOCHOR, M. Loss contributions in superconducting magnets caused by transient magnetic fields. In *Fusion Engineering and Design*, 2006, vol. 81, p. 2509-2513. ISSN 0920-3796.

Ohlasy:

[1.1] DROTZIGER, S. - FIETZ, W.H. - HEIDUK, M. - HELLER, R. - LANGE, C. - LIETZOW, R. - MOHRING, T. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2012, vol. 22, no. 3., WOS

ADCA683 TAKÁCS, Silvester. Low coupling losses in YBa2Cu3O7 coated conductors with current sharing between the superconducting stripes. In *Applied Physics Letters*, 2007, vol. 90, 242505. (3.977 - IF2006). (2007 - Current Contents, SCOPUS). ISSN 0003-6951.

Ohlasy:

[1.1] MAJOROS, M. - SUMPTION, M. D. - COLLINGS, E. W. - LONG, N. J. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2014, vol. 24, no. 3., WOS

ADCA684 TAKÁCS, Silvester - GÖMÖRY, Fedor. Study of flux flow in high Tc superconductors. In *Physica C : superconductivity and its applicacions*, 1989, vol. 162-164, p. 681. ISSN 0921-4534.

Ohlasy:
[1.1] KHURRAM, A.A. - KHAN, N.A. - AHMAD, S. - AWAIS, A. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. JAN 2011, vol. 471, no. 1-2, p. 35-41., WOS
[1.1] ZHAO, Y.F. - ZHOU, Y.H. In CRYOGENICS. AUG 2011, vol. 51, no. 8, p. 417-419., WOS

ADCA685 TAKÁCS, Silvester. The critical parameters of thin type II superconductor cylinder coated with normal metal. In *Physics Letters A*, 1968, vol. 28, p. 349. ISSN 0375-9601.
Ohlasy:
[1.1] OLENDSKI, O. In ANNALS OF PHYSICS. JUN 2011, vol. 326, no. 6, p. 1479-1500., WOS
[1.1] OLENDSKI, O. In ANNALS OF PHYSICS. MAY 2012, vol. 327, no. 5, p. 1365-1390., WOS
[1.1] SHEVTSOVA, O.N. In MATHEMATICS AND COMPUTERS IN SIMULATION. MAR 2012, vol. 82, no. 7, SI, p. 1298-1307., WOS

ADCA686 TAKÁCS, Silvester. The similarities in loss creation in LTS and HTS cables. In *Physica C : Superconductivity and Its Applications*, 1998, vol. 310, p. 218-224. (2.199 - IF1997). (1998 - Current Contents, WOS, SCOPUS). ISSN 0921-4534.
Ohlasy:
[1.1] HOSSAIN, M.S.A. - GAZDER, A.A. - BARUA, S. - MOTAMAN, A. - PATEL, D. - KIM, J.H. - KARIO, A. - RINGSDORF, B. - RUNTSCH, B. - JUNG, A. - RINDFLEISCH, M. - DOU, S.X. - GOLDACKER, W. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. OCT 2014, vol. 24, no. 5., WOS

ADCA687 ŤAPAJNA, Milan - KUZMÍK, Ján. A comprehensive analytical model for threshold voltage calculation in GaN based metal-oxide-semiconductor high-electron-mobility transistors. In *Applied Physics Letters*, 2012, vol. 100, 113509. (3.844 - IF2011). (2012 - Current Contents). ISSN 0003-6951.
Ohlasy:
[1.1] AKAZAWA, M. - NAKANO, T. In JAPANESE JOURNAL OF APPLIED PHYSICS. AUG 2013, vol. 52, no. 8, 2, SI., WOS
[1.1] BERA, M. K. - LIU, Y. - KYAW, L. M. - NGOO, Y. J. - SINGH, S. P. - CHOR, E. F. In ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY. 2014, vol. 3, no. 6, p. Q120-Q126., WOS
[1.1] CAPRIOTTI, M. - ALEXEWICZ, A. - FLEURY, C. - GAVAGNIN, M. - BETHGE, O. - VISALLI, D. - DERLUYN, J. - WANZENBOECK, H. D. - BERTAGNOLLI, E. - POGANY, D. - STRASSER, G. In APPLIED PHYSICS LETTERS. MAR 17 2014, vol. 104, no. 11., WOS
[1.1] GREGUSOVA, D. - HUSEKOVA, K. - STOKLAS, R. - BLAHO, M. - JURKOVIC, M. - CARLIN, J.F. - GRANDJEAN, N. - KORDOS, P. In JAPANESE JOURNAL OF APPLIED PHYSICS. AUG 2013, vol. 52, no. 8, 2, SI., WOS
[1.1] HAHN, H. - BEHMENBURG, H. - KETTENISS, N. - HEUKEN, M. - KALISCH, H. - VESCAN, A. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 10, NO 5. 2013, vol. 10, no. 5, p. 840-843., WOS

[1.1] CHOU, B.Y. - HSU, W.C. - LEE, C.S. - LIU, H.Y. - HO, C.S. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. JUL 2013, vol. 28, no. 7, SI., WOS

[1.1] JOHNSON, D.W. - LEE, R.T.P. - HILL, R.J.W. - WONG, M.H. - BERSUKER, G. - PINER, E.L. - KIRSCH, P.D. - HARRIS, H.R. In IEEE TRANSACTIONS ON ELECTRON DEVICES. OCT 2013, vol. 60, no. 10, SI, p. 3197-3203., WOS

[1.1] OSVALD, J. In NINTH INTERNATIONAL CONFERENCE ON ADVANCED SEMICONDUCTOR DEVICES AND MICROSYSTEMS. 2012, p. 59-62., WOS

[1.1] OSVALD, J. In PHYSICA STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE. JUL 2013, vol. 210, no. 7, p. 1340-1344., WOS

[1.1] STOKLAS, R. - GREGUSOVA, D. - HUSEKOVA, K. - MAREK, J. - KORDOS, P. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. APR 2014, vol. 29, no. 4., WOS

[1.1] TANG, Chenjie - SHI, Junxia. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. DEC 2014, vol. 29, no. 12., WOS

[1.1] VAN HOVE, M. - KANG, X.W. - STOFFELS, S. - WELLEKENS, D. - RONCHI, N. - VENEGAS, R. - GEENS, K. - DECOUTERE, S. In IEEE TRANSACTIONS ON ELECTRON DEVICES. OCT 2013, vol. 60, no. 10, SI, p. 3071-3078., WOS

[1.1] WANG, Y.H. - LIANG, Y.C. - SAMUDRA, G.S. - CHANG, T.F. - HUANG, C.F. - YUAN, L. - LO, G.Q. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. DEC 2013, vol. 28, no. 12., WOS

[1.1] WANG, Y.H. - LIANG, Y.C. - SAMUDRA, G.S. - CHANG, T.F. - HUANG, C.F. - YUAN, L. - LO, G.Q. In 2013 IEEE ECCE ASIA DOWNUNDER (ECCE ASIA). 2013, p. 379-384., WOS

[1.1] YATABE, Z.- HORI, Y. - MA, W.-C. - ASUBAR, J. T. - AKAZAWA, M.- SATO, T. - HASHIZUME, T. In JAPANESE JOURNAL OF APPLIED PHYSICS. OCT 2014, vol. 53, no. 10., WOS

[1.1] ZHANG, Y.H. - SUN, M. - JOGLEKAR, S.J. - FUJISHIMA, T. - PALACIOS, T. In APPLIED PHYSICS LETTERS. JUL 15 2013, vol. 103, no. 3., WOS

[1.2] Sagatova, A., Zatko, B., Sedlackova, K.,Dubecky, F., Bohacek, P., Necas, V. ASDAM 2012 - Conference Proceedings: The 9th International Conference on Advanced Semiconductor Devices and Microsystems , art. no. 6418581 , pp. 147, SCOPUS

[1.2] Stafmiak, A., Szyszka, A., Prazmowska, J., Boratynski, B., Baranowska-Korczyc, A., Fronc, K., Elbaum, D., Tlaczala, M. ASDAM 2012 - Conference Proceedings: The 9th International Conference on Advanced Semiconductor Devices and Microsystems , art. no. 6418226 , pp. 271, SCOPUS

ADCA688 ŤAPAJNA, Milan - PÍSEČNÝ, Pavol - LUPTÁK, Roman - HUŠEKOVÁ, Kristína - FRÖHLICH, Karol - HARMATHA, L. - HOOKER, J.C. - ROOZEBOOM, F. - JERGEL, Matej. Application of Ru-based gate materials for CMOS technology. In *Materials science in semiconductor processing*, 2004, vol. 7, p. 271-276.

Ohlasy:

[1.1] KIM, J.W. - KIM, B. - PARK, S.W. - KIM, W. - SHIM, J.H. Atomic layer deposition of ruthenium on plasma-treated vertically aligned carbon

nanotubes for high-performance ultracapacitors. In NANOTECHNOLOGY. OCT 31 2014, vol. 25, no. 43., WOS

[1.1] NOH, Y. - YOO, K. - KO, M.J. - SONG, O. In KOREAN JOURNAL OF METALS AND MATERIALS. MAR 2013, vol. 51, no. 3, p. 239-243., WOS

[1.1] NOH, Y. - YU, B. - YOO, K. - KO, M.J. - SONG, O. In KOREAN JOURNAL OF METALS AND MATERIALS. MAR 2012, vol. 50, no. 3, p. 243-247., WOS

[1.1] PARK, J. - NOH, Y. - SONG, O. In KOREAN JOURNAL OF METALS AND MATERIALS. AUG 2012, vol. 50, no. 8, p. 557-562., WOS

[1.1] PARK, T. - CHOI, D. - CHOI, H. - JEON, H. In PHYSICA STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE. FEB 2012, vol. 209, no. 2, p. 302-305., WOS

[1.1] PARK, T. - LEE, J. - PARK, J. - JEON, H. - JEON, H. - LEE, K.H. - CHO, B.C. - KIM, M.S. - AHN, H.B. In JOURNAL OF VACUUM SCIENCE & TECHNOLOGY A. JAN 2012, vol. 30, no. 1., WOS

[1.1] PARK, T. - LEE, J. - PARK, J. - JEON, H. - JEON, H. In JAPANESE JOURNAL OF APPLIED PHYSICS. MAY 2013, vol. 52, no. 5, 4, SI., WOS

[1.1] SCHEUERMANN, A.G. - PRANGE, J.D. - GUNJI, M. - CHIDSEY, C.E.D. - MCINTYRE, P.C. In ENERGY & ENVIRONMENTAL SCIENCE. AUG 2013, vol. 6, no. 8, p. 2487-2496., WOS

[1.1] VASILYEV, V.Y. - MOROZOVA, N.B. - IGUMENOV, I.K. Chemical vapour-phase deposition of ruthenium-containing thin films. In RUSSIAN CHEMICAL REVIEWS. 2014, vol. 83, no. 8, p. 758-782., WOS

[3] Kumar, B.R., Rao, T.S.: Inter. J. Pure Appl. Sci Technol. 4 (2011) 105

ADCA689 ŤAPAJNA, Milan - JURKOVIČ, Michal - VALIK, L. - HAŠČÍK, Štefan - GREGUŠOVÁ, Dagmar - BRUNNER, F. - CHO, E.-M. - KUZMÍK, Ján. Bulk and interface trapping in the gate dielectric of GaN based metal–oxide–semiconductor high-electron mobility transistors. In *Applied Physics Letters*, 2013, vol. 102, 243509. (3.794 - IF2012). (2013 - Current Contents). ISSN 0003-6951.

Ohlasy:

[1.1] BAKEROOT, B. - YOU, S. - WU, T-L. - HU, J. - VAN HOVE, M. - DE JAEGER, B. - GEENS, K. - STOFFELS, S. - DECOUTERE, S. In JOURNAL OF APPLIED PHYSICS. OCT 7 2014, vol. 116, no. 13., WOS

[1.1] HORI, Y. - YATABE, Z. - HASHIZUME, T. In JOURNAL OF APPLIED PHYSICS. DEC 28 2013, vol. 114, no. 24., WOS

[1.1] LIAO, W. C. - CHEN, Y. L. - CHEN, C. H. - CHYI, J. I. - HSIN, Y. M. In APPLIED PHYSICS LETTERS. JAN 20 2014, vol. 104, no. 3., WOS

[1.1] MENEGHESSO, G. - SILVESTRI, R. - MENEGHINI, M. - CESTER, A. - ZANONI, E. - VERZELLESI, G. - POZZOVIVO, G. - LAVANGA, S. - DETZEL, T. - HAEBERLEN, O. - CURATOLA, G. In 2014 IEEE INTERNATIONAL RELIABILITY PHYSICS SYMPOSIUM. 2014., WOS

[1.1] YATABE, Z. - HORI, Y. - MA, W.-C. - ASUBAR, J.T. - AKAZAWA, M.- SATO, T. - HASHIZUME, T. In JAPANESE JOURNAL OF APPLIED PHYSICS. OCT 2014, vol. 53, no. 10., WOS

[1.1] YE, D. - MEI, Z. - LIANG, H. - LI, J. - HOU, Y. - GU, C. - AZAROV, A. - KUZNETSOV, A. - HONG, W.-C. - LU, Y. - DU, X. In JOURNAL OF PHYSICS D-APPLIED PHYSICS. JUN 25 2014, vol. 47, no. 25., WOS

[1.1] ZHANG, K. - WU, M.- LEI, X. - CHEN, W. - ZHENG, X. - MA, X. -

HAO, Y. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. JUL 2014, vol. 29, no. 7., WOS

ADCA690 ŤAPAJNA, Milan - KUZMÍK, Ján. Control of threshold voltage in GaN based metal–oxide–semiconductor high-electron mobility transistors towards the normally-off operation. In *Japanese Journal of Applied Physics*, 2013, vol. 52, 08JN08. (1.067 - IF2012). (2013 - Current Contents). ISSN 0021-4922.

Ohlasy:

[1.1] NAGY, L.- STOPJAKOVA, V. - SATKA, A. In 2014 24TH INTERNATIONAL CONFERENCE RADIOELEKTRONIKA (RADIOELEKTRONIKA 2014). 2014., WOS

ADCA691 ŤAPAJNA, Milan - ROSOVÁ, Alica - HUŠEKOVÁ, Kristína - ROOZEBOOM, F. - DOBROČKA, Edmund - FRÖHLICH, Karol. Evidence of hafnia oxygen vacancy defects in MOCVD grown HfxSi1-xOy ultrathin gate dielectrics gated with Ru electrode. In *Microelectronic Engineering : An International Journal of Semiconductor Manufacturing Technology*, 2007, vol. 84, p. 2366-2369. ISSN 0167-9317.

Ohlasy:

[1.1] DAS, N.C. - SAHOO, N.K. - BHATTACHARYYA, D. - THAKUR, S. - NANDA, D. - HAZRA, S. - BAL, J.K. - LEE, J.F. - TAI, Y.L. - HSIEH, C.A. In JOURNAL OF APPLIED PHYSICS. SEP 15 2011, vol. 110, no. 6., WOS

[1.1] ZHANG, H.Y. - YE, C. - JIN, C.G. - WU, M.Z. - WANG, Y.Y. - ZHANG, Z. - HUANG, T.Y. - YANG, Y. - HE, H.J. - ZHUGE, L.J. - WU, X.M. In APPLIED SURFACE SCIENCE. AUG 30 2014, vol. 311, p. 117-123., WOS

ADCA692 ŤAPAJNA, Milan - PASKALEVA, A. - ATANASSOVA, E. - DOBROČKA, Edmund - HUŠEKOVÁ, Kristína - FRÖHLICH, Karol. Gate oxide thickness dependence of the leakage current mechanism in Ru/Ta2O5/SiON/Si structures. In *Semiconductor Science and Technology*, 2010, vol. 25, 075007. (1.253 - IF2009). (2010 - Current Contents). ISSN 0268-1242.

Ohlasy:

[1.1] RAO, R. - LORENZI, P. - IRRERA, F. In JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B. MAY 2014, vol. 32, no. 3., WOS

ADCA693 ŤAPAJNA, Milan - KUZMÍK, Ján - ČIČO, Karol - POGANY, D. - POZZOVIVO, G. - STRASSER, G. - ABERMANN, S. - BERTAGNOLLI, E. - CARLIN, J.-F. - GRANDJEAN, N. - FRÖHLICH, Karol. Interface states and trapping effects in Al2O3- and ZrO2/InAlN/AlN/GaN metal-oxide-semiconductor heterostructures. In *Japanese Journal of Applied Physics*, 2009, vol. 48, art. no. 090201. (1.309 - IF2008). (2009 - Current Contents). ISSN 0021-4922.

Ohlasy:

[1.1] SIMOEN, E. - VISALLI, D. - VAN HOVE, M. - LEYS, M. - BORGHS, G. In JOURNAL OF PHYSICS D-APPLIED PHYSICS. NOV 30 2011, vol. 44, no. 47., WOS

ADCA694 ŤAPAJNA, Milan - HARMATHA, L. - HUŠEKOVÁ, Kristína. Measurement of generation parameters on Ru/HfO2/Si MOS capacitor. In *Solid-State Electronics*, 2006, vol. 50, p. 177-180. (2006 - Current Contents). ISSN 0038-1101.

Ohlasy:
[1.1] BENKOVSKA, J. - STUCHLIKOVA, L. - BUC, D. - CAPLOVIC, L. In PHYSICA STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE. JUL 2012, vol. 209, no. 7, p. 1384-1389., WOS

ADCA695 ŤAPAJNA, Milan - KILLAT, N. - MOEREKE, J. - PASKOVA, T. - EVANS, Kevin R. - LEACH, J. - LI, X. - OZGUR, U. - MORKOC, H. - CHABAK, K.D. - CRESPO, A. - GILLESPIE, J.K. - FITCH, R. - KOSSLER, M. - WALKER, D.E. - TREJO, M. - VIA, G.D. - BLEVINS, J.D. - KUBALL, M. Non-arrhenius degradation of AlGaN/GaN HEMTs grown on bulk GaN substrates. In *IEEE Electron Devices Letters*, 2012, vol. 33, p. 1126-1128. (2.849 - IF2011). (2012 - Current Contents). ISSN 0741-3106.
Ohlasy:
[1.1] STOCCO, A. - DALCANALE, S. - RAMPAZZO, F. - MENEGHINI, M. - MENEGHESSO, G. - GRUNENPUTT, J. - LAMBERT, B. - BLANCK, H. - ZANONI, E. In MICROELECTRONICS RELIABILITY. SEP-OCT 2014, vol. 54, no. 9-10, SI, p. 2237-2241., WOS
[1.1] ZANONI, E. - MENEGHINI, M. - CHINI, A. - MARCON, D. - MENEGHESSO, G. In IEEE TRANSACTIONS ON ELECTRON DEVICES. OCT 2013, vol. 60, no. 10, SI, p. 3119-3131., WOS

ADCA696 ŤAPAJNA, Milan - HUŠEKOVÁ, Kristína - ESPINOS, J.P. - HARMATHA, L. - FRÖHLICH, Karol. Precise determination of metal effective work function and fixed oxide charge in MOS capacitors with high-? dielectric. In *Materials science in semiconductor processing*, 2006, vol. 9, p. 969-974. (2006 - Current Contents).
Ohlasy:
[1.1] AHMAD, S. In JOURNAL OF POLYMER ENGINEERING. JUN 2014, vol. 34, no. 4, p. 279-338., WOS
[1.1] CHANDRA, S.V.J. - KIM, J.S. - MOON, K.W. - CHOI, C.J. In MICROELECTRONIC ENGINEERING. JAN 2012, vol. 89, p. 76-79., WOS
[1.1] JELENKOVIC, E.V. - TO, S. In ECS SOLID STATE LETTERS. 2013, vol. 2, no. 5, p. P42-P43., WOS

ADCA697 ŤAPAJNA, Milan - ČIČO, Karol - KUZMÍK, Ján - POGANY, D. - POZZOVIVO, G. - STRASSER, G. - CARLIN, J.-F. - GRANDJEAN, N. - FRÖHLICH, Karol. Thermally induced voltage shift in capacitance-voltage characteristics and its relation to oxide/semiconductor interface states in Ni/Al2O3/InAlN/GaN heterostructures. In *Semiconductor Science and Technology*, 2009, vol. 24, 035008. (1.434 - IF2008). (2009 - Current Contents). ISSN 0268-1242.
Ohlasy:
[1.1] AKAZAWA, M. In JAPANESE JOURNAL OF APPLIED PHYSICS. FEB 2014, vol. 53, no. 2., WOS
[1.1] AKAZAWA, M. - CHIBA, M. - NAKANO, T. In APPLIED PHYSICS LETTERS. JUN 10 2013, vol. 102, no. 23., WOS
[1.1] DUTTA, G. - TURUVEKERE, S. - KARUMURI, N. - DASGUPTA, N. - DASGUPTA, A. In IEEE ELECTRON DEVICE LETTERS. NOV 2014, vol. 35, no. 11, p. 1085-1087., WOS
[1.1] HAHN, H. - ALAM, A. - HEUKEN, M. - KALISCH, H. - VESCAN, A. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. JUN 2012, vol.

27, no. 6., WOS
[1.1] HAHN, H. - BEHMENBURG, H. - KETTENISS, N. - HEUKEN, M. - KALISCH, H. - VESCAN, A. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 10, NO 5. 2013, vol. 10, no. 5, p. 840-843., WOS
[1.1] CHARFEDDINE, M. - JABLI, F. - ZAIDI, M. A. - MAAREF, H. In JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS. JUL-AUG 2014, vol. 16, no. 7-8, p. 820-825., WOS
[1.1] CHIBA, M. - NAKANO, T. - AKAZAWA, M. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 11, NO 3-4. 2014, vol. 11, no. 3-4, p. 902-905., WOS
[1.1] NAKANO, T. - CHIBA, M. - AKAZAWA, M. In JAPANESE JOURNAL OF APPLIED PHYSICS. APR 2014, vol. 53, no. 4, SI., WOS
[1.1] PANDEY, S. - CAVALCOLI, D. - MINJ, A. - FRABONI, B. - CAVALLINI, A. - GAMARRA, P. - POISSON, M.A. In JOURNAL OF APPLIED PHYSICS. DEC 15 2012, vol. 112, no. 12., WOS
[1.1] YANG, Y.N. - WANG, X.Q. - LU, L.W. - HUANG, C.C. - XU, F.J. - SHEN, B. In ACTA PHYSICA SINICA. SEP 2013, vol. 62, no. 17., WOS

ADCA698 ŤAPAJNA, Milan - ROSOVÁ, Alica - DOBROČKA, Edmund - ŠTRBÍK, Vladimír - GAŽI, Štefan - FRÖHLICH, Karol - BENKO, P. - HARMATHA, L. - MANKE, C. - BAUMANN, P.K. Work function thermal stability of RuO2-rich Ru-Si-O p-channel metal-oxide-semiconductor field-effect transistor gate electrodes. In *Journal of Applied Physics*, 2008, vol. 103, art. no. 073702. (2.171 - IF2007). (2008 - Current Contents, SCOPUS). ISSN 0021-8979.
Ohlasy:
[1.1] BENKOVSKA, J. - STUCHLIKOVA, L. - BUC, D. - CAPLOVIC, L. In PHYSICA STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE. JUL 2012, vol. 209, no. 7, p. 1384-1389., WOS
[1.1] CHOI, C. - ANDO, T. - NARAYANAN, V. In APPLIED PHYSICS LETTERS. FEB 21 2011, vol. 98, no. 8., WOS

ADCA699 TARENKOV, V.Yu. - D'YACHENKO, A.I. - SIDOROV, S.L. - BOLCHENKO, V.A. - BOLCHENKO, D.I. - CHROMIK, Štefan - ŠTRBÍK, Vladimír - GAŽI, Štefan - ŠPANKOVÁ, Marianna - BEŇAČKA, Štefan. Electron tunneling spectroscopy of the phonon spectrum of MgB2. In *Physics of the Solid State*, 2009, vol. 51, p. 1778-1784. (0.862 - IF2008). ISSN 1063-7834.
Ohlasy:
[1.1] MARKOVSKIY, N.D. - MUNOZ, J.A. - LUCAS, M.S. - LI, C.W. - DELAIRE, O. - STONE, M.B. - ABERNATHY, D.L. - FULTZ, B. In PHYSICAL REVIEW B. MAY 4 2011, vol. 83, no. 17., WOS

ADCA700 TATARKO, Peter - KAŠIAROVÁ, Monika - CHLUP, Zdeněk - DUSZA, Ján - ŠAJGALÍK, Pavol - VÁVRA, Ivo. Influence of rare-earth oxide additives and SiC nanoparticles on the wear behaviour of Si3N4-based composites at temperatures up to 900 C. In *Wear : an international journal on the science and technology of friction, lubrication and wear*, 2013, vol. 300, p. 155-162. (1.262 - IF2012). (2013 - Current Contents). ISSN 0043-1648.
Ohlasy:
[1.2] LI, Xiaochao - LI, Xiaochao - DING, Hao - DING, Hao - HUANG,

Zhaohui - HUANG, Zhaohui - FANG, Minghao - FANG, Minghao - LIU, Baolin - LIU, Yan'Gai - LIU, Yan'Gai - WU, Xiaowen - WU, Xiaowen - CHEN, Shusen - CHEN, Shusen. Solid particle erosion-wear behavior of SiC-Si3N4 composite ceramic at elevated temperature. In Ceramics International. ISSN 02728842, 2014-01-01, 40, pB, pp. 16201-16207., SCOPUS

[1.2] MOHAN, Nishant - SHARMA, Mayank - SINGH, Ramesh - KUMAR, Naveen. Tribological Properties of Automotive Lubricant SAE 20W-40 Containing Nano-Alinf2/infOinf3/inf particles. In SAE Technical Papers, 2014-01-01, 2014-October, pp., SCOPUS

ADCA701 TEBANO, R. - MELE, R. - BOFFA, V. - GÖMÖRY, Fedor - STRÝČEK, František - SEILER, Eugen. Numerical investigation on AC properties in high T-c superconducting tapes. In *International Journal of Modern Physics B*, 2003, vol. 17, p. 528-533. ISSN 0217-9792.

Ohlasy:

[1.1] RUIZ, H.S. - BADIA-MAJOS, A. In JOURNAL OF APPLIED PHYSICS. MAY 21 2013, vol. 113, no. 19., WOS

ADCA702 TERZIEVA, S. - VOJENČIAK, Michal - GRILLI, F. - NAST, R. - ŠOUC, Ján - GOLDACKER, W. - JUNG, A. - KUDYMOW, A. - KLING, A. Investigation of the effect of striated strands on the AC losses of 2G Roebel cables. In *Superconductor Science and Technology*, 2011, vol. 24, 045001. (2.402 - IF2010). (2011 - Current Contents, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] KESGIN, I. - LEVIN, G.A. - HAUGAN, T.J. - SELVAMANICKAM, V. In APPLIED PHYSICS LETTERS. DEC 16 2013, vol. 103, no. 25., WOS

[1.1] KOMEDA, T. - AMEMIYA, N. - TSUKAMOTO, T. - NAKAMURA, T. - JIANG, Z. - BADCOCK, R. A. - BUMBY, C. - LONG, N. J. - STAINES, M. - BUCKLEY, R. G. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2014, vol. 24, no. 3., WOS

[1.1] MACHI, T. - NAKAO, K. - KATO, T. - HIRAYAMA, T. - TANABE, K. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. OCT 2013, vol. 26, no. 10., WOS

[1.1] TAKACS, S. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAY 2013, vol. 26, no. 5., WOS

[1.2] Long, N.J., Badcock, R.A., Bumby, C.W., Jiang, Z., Buckley, R.G.: In Miryala, M.: Superconductivity: Recent developments and new production technologies. Nova Science Publishers, Inc. 2012 ISBN: 978-162257137-6 pp. 259-288, SCOPUS

[3] Emhofer, J.: PhD Thesis. Vienna: TU 2012.

ADCA703 TERZIEVA, S. - VOJENČIAK, Michal - PARDO, Enric - GRILLI, F. - DRECHSLER, A. - KLING, A. - KUDYMOW, A. - GÖMÖRY, Fedor - GOLDACKER, W. Transport and magnetization ac losses of ROEBEL assembled coated conductor cables: measurements and calculations. In *Superconductor Science and Technology*, 2010, vol. 23, 014023. (2.694 - IF2009). (2010 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] ARMENIO, A.A. - AUGIERI, A. - CIONTEA, L. - CONTINI, G. - DAVOLI, I. - DI GIOVANNANTONIO, M. - GALLUZZI, V. - MANCINI, A. -

RUFOLONI, A. - PETRISOR, T. - VANNOZZI, A. - CELENTANO, G. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. NOV 2011, vol. 24, no. 11., WOS

[1.1] BAGRETS, N. - GOLDACKER, W. - SCHLACHTER, S.I. - BARTH, C. - WEISS, K.P. In CRYOGENICS. MAY-JUN 2014, vol. 61, p. 8-14., WOS

[1.1] GRINENKO, V. - FUCHS, G. - NENKOV, K. - HOLZAPFEL, B. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAR 2013, vol. 26, no. 3., WOS

[1.1] HESCH, K. - AKTAA, J. - ANTUSCH, S. - BOCCACCINI, L.V. - DAY, C. - DEMANGE, D. - FIETZ, W.H. - GANTENBEIN, G. - MOSLANG, A. - NORAJITRA, P. - RIETH, M. In FUSION SCIENCE AND TECHNOLOGY. JAN 2012, vol. 61, no. 1T, p. 64-69., WOS

[1.1] JIANG, Z. - THAKUR, K.P. - LONG, N.J. - BADCOCK, R.A. - STAINES, M. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. NOV 2011, vol. 471, no. 21-22, p. 999-1002., WOS

[1.1] JIANG, Z.A. - STAINES, M. - LONG, N.J. - BADCOCK, R.A. - BUMBY, C. - TALANTSEV, E. - HAMILTON, K. - BUCKLEY, R.G. - AMEMIYA, N. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUL 2014, vol. 27, no. 7., WOS

[1.1] JIANG, Z.A. - THAKUR, K.P. - STAINES, M. - BADCOCK, R.A. - LONG, N.J. - BUCKLEY, R.G. - AMEMIYA, N. - CAPLIN, A.D. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 3, p. 3289-3292., WOS

[1.1] JIANG, Z.N. - KOMEDA, T. - AMEMIYA, N. - LONG, N.J. - STAINES, M. - BADCOCK, R.A. - BUMBY, C. - BUCKLEY, R.G. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAR 2013, vol. 26, no. 3., WOS

[1.1] JIANG, Z.N. - THAKUR, K.P. - STAINES, M. - BADCOCK, R.A. - LONG, N.J. - BUCKLEY, R.G. - CAPLIN, A.D. - AMEMIYA, N. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUN 2011, vol. 24, no. 6., WOS

[1.1] LAHTINEN, V. - STENVALL, A. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. MAR 2014, vol. 27, no. 3, p. 641-650., WOS

[1.1] LAKSHMI, L.S. - LONG, N.J. - BADCOCK, R.A. - STAINES, M.P. - JIANG, Z. - THAKUR, K.P. - EMHOFER, J. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 3, p. 3311-3315., WOS

[1.1] MAJOROS, M. - SUMPTION, M.D. - COLLINGS, E.W. - VAN DER LAAN, D.C. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. DEC 2014, vol. 27, no. 12., WOS

[1.1] MAJOROS, M. - SUMPTION, M.D. - COLLINGS, E.W. - LONG, N.J. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2014, vol. 24, no. 3., WOS

[1.1] OBRADORS, X. - PUIG, T. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. APR 2014, vol. 27, no. 4., WOS

[1.1] PRIGOZHIN, L. - SOKOLOVSKY, V. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUL 2011, vol. 24, no. 7., WOS

[1.1] ROSTILA, L. - DEMENCIK, E. - SOUC, J. - BRISIGOTTI, S. - KOVAC, P. - POLAK, M. - GRASSO, G. - LYLY, M. - STENVALL, A. -

TUMINO, A. - KOPERA, L. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 3, p. 3338-3341., WOS

[1.1] STENVALL, A. - LAHTINEN, V. - LYLY, M. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. OCT 2014, vol. 27, no. 10., WOS

[1.1] YANAGI, N. - MITO, T. - NOGUCHI, H. - TERAZAKI, Y. - TAMURA, H. - IWAKUMA, M. - AOKI, Y. - IZUMI, T. - SHIOHARA, Y. In ADVANCES IN SUPERCONDUCTIVITY XXIV. 2012, vol. 27, p. 444-447., WOS

[1.1] ZERMENO, V.M.R. - ABRAHAMSEN, A.B. - MIJATOVIC, N. - JENSEN, B.B. - SORENSEN, M.P. In JOURNAL OF APPLIED PHYSICS. NOV 7 2013, vol. 114, no. 17., WOS

ADCA704 TESAŘ, R. - KOLÁČEK, R. - KAWATE, E. - BEŇAČKA, Štefan - GAŽI, Štefan - ŠIMŠA, Z. Far-infrared thermal spectroscopy of low-Tc and high-Tc superconductor films. In *Superconductor Science and Technology*. - Bristol : IOP Publishing Ltd., 2003, vol. 16, p. 916-920. (2.138 - IF2002). (2003 - Current Contents, WOS, SCOPUS).

Ohlasy:

[1.1] ZHANG, C.H. - JIN, B.B. - GLOSSNER, A. - KANG, L. - CHEN, J. - KAWAYAMA, I. - MURAKAMI, H. - MULLER, P. - WU, P.H. - TONOUCHI, M. In JOURNAL OF INFRARED MILLIMETER AND TERAHERTZ WAVES. NOV 2012, vol. 33, no. 11, p. 1071-1075., WOS

ADCA705 THAKUR, K.P. - RAJ, A. - BRANDT, E.H. - KVITKOVIČ, Jozef - PAMIDI, S.V. Frequency-dependent critical current and transport ac loss of superconductor strip and Roebel cable. In *Superconductor Science and Technology*, 2011, vol. 24, 065024. (2.402 - IF2010). (2011 - Current Contents, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] AMEMIYA, N.- TSUKAMOTO, T. - NII, M. - KOMEDA, T. - NAKAMURA, T. - JIANG, Z. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. MAR 2014, vol. 27, no. 3., WOS

[1.1] GRILLI, Francesco - SIROIS, Frederic - ZERMENO, Victor M. R. - VOJENCIAK, Michal. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. DEC 2014, vol. 24, no. 6., WOS

[1.1] GRINENKO, V. - FUCHS, G. - NENKOV, K. - STIEHLER, C. - VOJENCIAK, M. - REIS, T. - OSWALD, B. - HOLZAPFEL, B. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUL 2012, vol. 25, no. 7., WOS

[1.1] JIANG, Z. - STAINES, M. - LONG, N. J. - BADCOCK, R. A. - BUMBY, C. - TALANTSEV, E. - HAMILTON, K. - BUCKLEY, R. G. - AMEMIYA, N. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUL 2014, vol. 27, no. 7., WOS

[1.1] LAHTINEN, V.- PARDO, E. - SOUC, J. - SOLOVYOV, M. - STENVALL, A. In JOURNAL OF APPLIED PHYSICS. MAR 21 2014, vol. 115, no. 11., WOS

[1.1] NII, M. - AMEMIYA, N. - NAKAMURA, T. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. SEP 2012, vol. 25, no. 9., WOS

[1.1] RUIZ, H.S. - BADIA-MAJOS, A. In JOURNAL OF APPLIED

PHYSICS. MAY 21 2013, vol. 113, no. 19., WOS
[1.1] SOUC, J. - GOMORY, F. - KOVAC, J. - NAST, R. - JUNG, A. - VOJENCIAK, M. - GRILLI, F. - GOLDACKER, W. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUL 2013, vol. 26, no. 7., WOS
[1.1] STENVALL, A. - SIAHRANG, M. - GRILLI, F. - SIROIS, F. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. APR 2013, vol. 26, no. 4., WOS
[1.1] ZERMENO, V.M.R. - ABRAHAMSEN, A.B. - MIJATOVIC, N. - JENSEN, B.B. - SORENSEN, M.P. In JOURNAL OF APPLIED PHYSICS. NOV 7 2013, vol. 114, no. 17., WOS
[1.1] ZHANG, M. - MATSUDA, K. - COOMBS, T.A. In JOURNAL OF APPLIED PHYSICS. AUG 15 2012, vol. 112, no. 4., WOS
[1.2] Figueira, P., Pronto, A.G., Vilhena, N., Pina, J.M. 2014 Journal of Physics: Conference Series 507 (PART 3), 032015, SCOPUS
[1.2] Jaroszyński, L., Janowski, T. 2014 Przeglad Elektrotechniczny 90 (1), pp. 164-166, SCOPUS

ADCA706 THURZO, Ilja - HRUBČÍN, Ladislav - BARTOŠ, Josef - PINČÍK, Emil. Current-voltage characteristics and charge DLTS spectra of proton-bombarded Schottky diodes on semiinsulating GaAs. In *Nuclear Instruments on Methods in Physical Research B*, 1993, vol. 83, p. 145.
Ohlasy:
[1.1] AYDOGAN, S. - SERIFOGLU, K. - TURUT, A. In SOLID STATE SCIENCES. JUL 2011, vol. 13, no. 7, p. 1369-1374., WOS

ADCA707 THURZO, Ilja - DUBECKÝ, František. On the role of the back contacts in DLTS experiments with Schottky diodes. In *Physica Status Solidi A*, 1985, vol. 89, p. 693.
Ohlasy:
[1.1] IVANOV, P.A. - POTAPOV, A.S. - SAMSONOVA, T.P. - KOROL'KOV, O. - SLEPTSUK, N. In SEMICONDUCTORS. OCT 2011, vol. 45, no. 10, p. 1306-1310., WOS
[1.1] LAUWAERT, J. - KHELIFI, S. - DECOCK, K. - BURGELMAN, M. - VRIELINCK, H. In JOURNAL OF APPLIED PHYSICS. MAR 15 2011, vol. 109, no. 6., WOS

ADCA708 TIMKO, Milan - DŽAROVÁ, Anežka - KOPČANSKÝ, Peter - ZÁVIŠOVÁ, Vlasta - KONERACKÁ, Martina - KOVÁČ, Jozef - ŠPRINCOVÁ, Adriana - VÁCLAVÍKOVÁ, Miroslava - IVANIČOVÁ, Lucia - VÁVRA, Ivo. Magnetic Properties of Magnetite Formed by Biomineralization and Chemical Synthesis. In *Acta Physica Polonica A*, 2008, vol. 113, no. 1, p. 573-576. (0.340 - IF2007). (2008 - Current Contents, WOS, SCOPUS). ISSN 1898-794X.
Ohlasy:
[1.1] JOZEFCZAK, A. - HORNOWSKI, T. - ROZYNEK, Z. - SKUMIEL, A. - FOSSUM, J.O. In INTERNATIONAL JOURNAL OF THERMOPHYSICS. APR 2013, vol. 34, no. 4, p. 609-619., WOS
[1.1] SUN, J.B. - LI, Y. - LIANG, X.J. - WANG, P.C. Bacterial Magnetosome: A Novel Biogenetic Magnetic Targeted Drug Carrier with Potential Multifunctions. In JOURNAL OF NANOMATERIALS. Art. no. 469031. 2011., WOS

ADCA709 TÓBIK, Jaroslav - CAMBEL, Vladimír - KARAPETROV, Goran. Dynamics of vortex nucleation in nanomagnets with broken symmetry. In *Physical Review B*, 2012, vol. 86, 134433. (3.691 - IF2011). (2012 - Current Contents, WOS, SCOPUS). ISSN 1098-0121.

Ohlasy:

[1.1] BORTOLOTTI, P. - GRIMALDI, E. - DUSSAUX, A. - GROLLIER, J. - CROS, V. - SERPICO, C. - YAKUSHIJI, K. - FUKUSHIMA, A. - KUBOTA, H. - MATSUMOTO, R. - YUASA, S. In PHYSICAL REVIEW B. NOV 20 2013, vol. 88, no. 17., WOS

[1.1] MITIN, D. - NISSEN, D. - SCHAEDLICH, P. - AREKAPUDI, S. S. P. K. - ALBRECHT, M. In JOURNAL OF APPLIED PHYSICS. FEB 14 2014, vol. 115, no. 6., WOS

[1.1] MOON, K.-W. - CHUN, B. S. - KIM, W. - QIU, Z. Q. - HWANG, C. In SCIENTIFIC REPORTS. AUG 22 2014, vol. 4., WOS

[1.1] RUECKRIEM, R. - SCHREFL, T. - ALBRECHT, M. In APPLIED PHYSICS LETTERS. FEB 3 2014, vol. 104, no. 5., WOS

[1.1] SATO, T. - YAMADA, K. - NAKATANI, Y. In APPLIED PHYSICS EXPRESS. JUL 2014, vol. 7, no. 7., WOS

[1.1] SATO, T. - YAMADA, K. - NAKATANI, Y. In APPLIED PHYSICS EXPRESS. MAR 2014, vol. 7, no. 3., WOS

[1.1] ZHANG, L.F. - COVACI, L. - MILOSEVIC, M.V. - BERDIYOROV, G.R. - PEETERS, F.M. In PHYSICAL REVIEW B. OCT 7 2013, vol. 88, no. 14., WOS

ADCA710 TOMASEK, M. - PLECENIK, T. - TRUCHLY, M. - NOSKOVIC, J. - ROCH, T. - ZAHORAN, M. - CHROMIK, Štefan - ŠPANKOVÁ, Marianna - KÚŠ, P. - PLECENIK, Andrej. Temperature dependence of the resistance switching effect studied on the metal/YBa2Cu3O6+x planar junctions. In *Journal of Vacuum Science and Technology B*, 2011, vol. 29, art.no. 01AD04. (1.268 - IF2010). (2011 - Current Contents). ISSN 1071-1023.

Ohlasy:

[1.1] KUANG, M.Q. - WU, S.Y. - HU, X.F. - LI, G.L. - ZHANG, Z.H. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. SEP 2013, vol. 492, p. 55-58., WOS

[1.2] Golebiowski, J. Waśkiewicz, J.: Przeglad Elektrotechniczny 89 (2013) 83, SCOPUS

ADCA711 TRNOVCOVÁ, Viera - FEDOROV, P.P. - BUCHINSKAYA, I.I. - ŠMATKO, Vasilij - HANIC, František. Fast ionic conductivity of Pb2:MF2 (M=Mg, Ba, Cd) and PbF2: ScF3 single crystals and composites. In *Solid State Ionics*, 1999, vol. 119, p. 181-189. (1.080 - IF1998). (1999 - Current Contents).

Ohlasy:

[1.1] HU, L. - CHEN, J. - PAN, Z. - DENG, J.X. - YU, R.B. - XING, X.R. Large-Scale Synthesis of Isotropic Single-Crystalline ScF3 Cubes by Hydrothermal Method. In JOURNAL OF THE AMERICAN CERAMIC SOCIETY. MAY 2014, vol. 97, no. 5, p. 1386-1388., WOS

[1.1] HU, L. - CHEN, J. - FAN, L.L. - DENG, J.X. - YU, R.B. - XING, X.R. Rapid Molten Salt Synthesis of Isotropic Negative Thermal Expansion ScF3. In

JOURNAL OF THE AMERICAN CERAMIC SOCIETY. APR 2014, vol. 97, no. 4, p. 1009-1011., WOS

ADCA712 TSINDLEKHT, M.I. - GENKIN, V.M. - GAŽI, Štefan - CHROMIK, Štefan. AC conductivity of a niobium thin film in a swept magnetic field. In *Journal of Physics: Condensed Matter*, 2013, vol. 25, 085701. (2.355 - IF2012). (2013 - Current Contents, WOS, SCOPUS). ISSN 0953-8984.

Ohlasy:

[1.1] KANG, N.L. - LEE, S.S. - CHOI, S.D. In AIP ADVANCES. JUL 2013, vol. 3, no. 7., WOS

ADCA713 TURCK, B. - LEFEVRE, E. - POLÁK, Milan - KREMPASKÝ, Ludovít. Coupling losses in a rectangular multifilamentary superconducting composite. In *Cryogenics*, 1982, vol. 22, p. 441-445.

Ohlasy:

[1.1] FUNAKI, K. - NOGAMI, K. - KAWASAKI, M. - IWAKUMA, M. - AYAI, N. - KOBAYASHI, S. - KIKUCHI, M. - HAYASHI, K. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. NOV 2011, vol. 471, no. 21-22, p. 1110-1113., WOS

ADCA714 UEDA, H. - GENDIAR, Andrej - NISHINO, T. A classical background for the wave function prediction in the infinite system density matrix renormalization group. In *Journal of the Physical Society of Japan*, 2010, vol. 79, art. no. 044001. (2.572 - IF2009). (2010 - Current Contents). ISSN 0031-9015.

Ohlasy:

[1.1] CAI, J.W. - CHEN, Q.N. - ZHAO, H.H. - XIE, Z.Y. - QIN, M.P. - WEI, Z.C. - XIANG, T. In CHINESE PHYSICS B. NOV 2011, vol. 20, no. 11., WOS

[1.1] SCHOLLWOCK, U. In ANNALS OF PHYSICS. JAN 2011, vol. 326, no. 1, SI, p. 96-192., WOS

[1.1] SCHOLLWOCK, U. In LECTURES ON THE PHYSICS OF STRONGLY CORRELATED SYSTEMS XVI. 2012, vol. 1485, p. 135-225., WOS

ADCA715 UEDA, K. - KRČMÁR, Roman - GENDIAR, Andrej - NISHINO, T. Corner transfer matrix renormalization group method applied to the ising model on the hyperbolic plane. In *Journal of Physical Society of Japan*, 2007, vol. 76, 084004.

Ohlasy:

[1.1] BAEK, S.K. - MAKELA, H. - MINNHAGEN, P. - KIM, B.J. In PHYSICAL REVIEW E. SEP 30 2011, vol. 84, no. 3, Part 1., WOS

[1.1] ORUS, R. In PHYSICAL REVIEW B. MAY 10 2012, vol. 85, no. 20., WOS

[1.1] ZUBASZEWSKA, M. - MACIOLEK, A. - DRZEWINSKI, A. In PHYSICAL REVIEW E. NOV 20 2013, vol. 88, no. 5., WOS

ADCA716 UEDA, K. - NISHINO, T. - OKUNISHI, K. - HIEIDA, Y. - DERIAN, René - GENDIAR, Andrej. Product wave function renormalization group: Construction from the matrix product point of view. In *Journal of Physical Society of Japan*, 2006, vol. 75, 014003.

Ohlasy:

[1.1] FEIGUIN, A.E. In LECTURES ON THE PHYSICS OF STRONGLY CORRELATED SYSTEMS XV: FIFTEENTH TRAINING COURSE IN THE PHYSICS OF STRONGLY CORRELATED SYSTEMS. 2011, vol. 1419, p. 5-92., WOS

[1.1] ORUS, R. In EUROPEAN PHYSICAL JOURNAL B. NOV 26 2014, vol. 87, no. 11., WOS

[1.1] PIRVU, B. - VERSTRAETE, F. - VIDAL, G. In PHYSICAL REVIEW B. MAR 17 2011, vol. 83, no. 12., WOS

[1.1] SCHOLLWOCK, U. In ANNALS OF PHYSICS. JAN 2011, vol. 326, no. 1, SI, p. 96-192., WOS

[1.1] SCHOLLWOCK, U. In LECTURES ON THE PHYSICS OF STRONGLY CORRELATED SYSTEMS XVI. 2012, vol. 1485, p. 135-225., WOS

ADCA717 ULBRICHT, A. - DUCHATEAU, J.L. - FIETZ, W.H. - CIAZYNSKI, D. - FILLUNGER, H. - FINK, S. - HELLER, R. - MAIX, R. - NICOLLET, S. - RAFF, S. - RICCI, M. - SALPIETRO, E. - ZAHN, G. - ZANINO, R. - BAGNASCO, M. - BESETTE, D. - BOBROV, E. - BONICELLI, T. - BRUZZONE, P.L. - DARWESCHSAD, M.S. - DECOOL, P. - DOLGETTA, N. - DELLA CORTE, A. - FORMISANO, A. - GRÜNHAGEN, A. - HERTOUT, P. - HERZ, W. - HUGUET, M. - HURD, F. - ILYIN, Yu. - KOMAREK, P. - LIBEYRE, P. - MARCHESE, V. - MARINUCCI, C. - MARTINEZ, A. - MARTONE, R. - MARTOVETSKY, N.N. - MICHAEL, P. - MITCHELL, N. - NIJHUIS, A. - NÖTHER, G. - NUNOYA, Y. - POLÁK, Milan - PORTONE, A. - SAVOLDI RICHARD, L. - SPADONI, M. - SÜßER, M. - TURTÚ, S. - VOSTNER, A. - TAKAHASHI, Y. - WUCHNER, F. - ZANI, L. The ITER toroidal field model coil project. In *Fusion Engineering and Design*, 2005, vol. 73, p. 189-327.

Ohlasy:

[1.1] DURE, F. - LIFSCHITZ, A. - BRETAGNE, J. - MAYNARD, G. - SIMONIN, A. - MINEA, T. In CHEMICAL PHYSICS. APR 4 2012, vol. 398, p. 17-26., WOS

[1.1] FERNANDEZ, A.V. - AMBROSINO, G. - CARANNANTE, G. - DE TOMMASI, G. - SCIBILE, L. In FUSION ENGINEERING AND DESIGN. OCT 2011, vol. 86, no. 6-8, p. 1137-1140., WOS

[1.1] IVANOV, D.P. - ANASHKIN, I.O. - KHVOSTENKO, P.P. - KOLBASOV, B.N. - LELEKHOV, S.A. - NISHIMURA, A. - OH, Y.K. - PAN, W.J. - PRADHAN, S. - SHARMA, A.N. - SONG, Y.T. - WENG, P.D. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2012, vol. 22, no. 3., WOS

[1.1] IVANOV, D.P. - KOLBASOV, B.N. - ANASHKIN, I.O. - KHVOSTENKO, P.P. - PAN, W.J. - PRADHAN, S. - SHARMA, A.N. - SONG, Y.T. - WENG, P.D. In FUSION ENGINEERING AND DESIGN. OCT 2013, vol. 88, no. 9-10, p. 1569-1575., WOS

[1.1] JIA, S.M. - WANG, D.M. - ZHENG, X.J. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. FEB 2014, vol. 24, no. 1., WOS

[1.1] LIU, B. - WU, Y. In PLASMA SCIENCE & TECHNOLOGY. FEB 2011, vol. 13, no. 1, p. 106-110., WOS

[1.1] LI, S.L. - WU, Y. - LIU, B. - WENG, P.D. In PLASMA SCIENCE & TECHNOLOGY. OCT 2011, vol. 13, no. 5, p. 627-630., WOS

[1.1] LI, Y.X. - WANG, X. - GAO, Y.W. In INTERNATIONAL JOURNAL OF COMPUTATIONAL METHODS. NOV 2014, vol. 11., WOS
[1.1] TAN, Y.F. - CHEN, W.G. - ZHU, J.W. - CHEN, Z.M. - PAN, Y.N. - WANG, F.T. - CHEN, Z.Y. - HE, P. - REN, Y. - KUANG, G.L. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 2, p. 2020-2023., WOS
[1.1] TA, W.R. - LI, Y.X. - GAO, Y.W. In AIP ADVANCES. AUG 2014, vol. 4, no. 8., WOS
[1.1] WANG, X.Z. - GUAN, M.Z. - MA, L.Z. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. SEP 2012, vol. 25, no. 9., WOS
[1.1] WEBER, H.W. In INTERNATIONAL JOURNAL OF MODERN PHYSICS E-NUCLEAR PHYSICS. JUN 2011, vol. 20, no. 6, p. 1325-1378., WOS
[1.1] ZHU, J.Y. - LUO, W. - ZHOU, Y.H. - ZHENG, X.J. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. DEC 2012, vol. 25, no. 12., WOS
[1.2] Ueno, K., Matsui, K., Nishino, T., Isono, T., Okuno, K. Plasma and Fusion Research 8 (2013), 2405062, SCOPUS

ADCA718 UŠÁK, Pavol - POLÁK, Milan - KVITKOVIČ, Jozef - BARNES, P.N. - LEVIN, G.A. Current distribution in the winding of a superconducting coil. In *IEEE Transactions on Applied Superconductivity*, 2008, vol. 18, p. 1597-1600. (1.551 - IF2007). (2008 - Current Contents, SCOPUS).
Ohlasy:
[1.1] IWAI, S. - MIYAZAKI, H. - TOSAKA, T. - TASAKI, K. - URATA, M. - IOKA, S. - ISHII, Y. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. NOV 2013, vol. 494, p. 203-207., WOS
[1.1] MATSUMOTO, S. - KIYOSHI, T. - OTSUKA, A. - HAMADA, M. - MAEDA, H. - YANAGISAWA, Y. - NAKAGOME, H. - SUEMATSU, H. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. FEB 2012, vol. 25, no. 2., WOS
[1.1] MATSUMOTO, S. - KIYOSHI, T. - MIYAZOE, A. - OTSUKA, A. - HAMADA, M. - MAEDA, H. - YANAGISAWA, Y. - NAKAGOME, H. - SUEMATSU, H. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 2., WOS

ADCA719 UŠÁK, Pavol - JANŠÁK, Lubomil - POLÁK, Milan. Hysteresis of V-I curve of BSCCO-2223 tape. In *Physica C*, 2001, vol. 350, p. 139-146. (1.489 - IF2000). (2001 - Current Contents, WOS, SCOPUS). ISSN 0921-4534.
Ohlasy:
[1.1] ALTINKOK, A. - KILIC, K. - OLUTAS, M. - KILIC, A. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. MAR 2014, vol. 27, no. 3, p. 651-665., WOS
[1.1] OLUTAS, M. - KILIC, A. - KILIC, K. - ALTINKOK, A. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. MAY 2012, vol. 25, no. 4, p. 753-771., WOS

ADCA720 UŠÁK, Pavol - POLÁK, Milan - MOZOLA, Pavol. Measurement of the lateral transport current distribution in YBCO tape. In *IEEE Transactions on Applied*

Superconductivity, 2009, vol. 19, p. 2839-2842. (0.919 - IF2008). (2009 - Current Contents, SCOPUS).

Ohlasy:

[1.1] GU, C. - QU, T.M. - ZOU, S.N. - HAN, Z.H. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 3, p. 3413-3416., WOS

[1.1] INADA, R. - BABA, S. - OHTSU, R. - MAKIHARA, T. - SAKAMOTO, S. - OOTA, A. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 3, p. 2816-2819., WOS

[1.1] KIM, S.H. - DOOSE, C.L. - JASKI, M.S. - KASA, M.T. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 2, p. 1709-1712., WOS

[1.1] MAKIHARA, T. - INADA, R. - OOTA, A. - SAKAMOTO, S. - LI, C.S. - ZHANG, P.X. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 3, p. 2820-2823., WOS

ADCA721 UŠÁK, Pavol. Random instabilities of current-voltage curves of BSCCO-2223/Ag multifilamentary tapes in LN2 at 77K. In *Superconductor Science and Technology*. - Bristol : IOP Publishing Ltd., 2003, vol. 16, p. 459-463. (2.138 - IF2002). (2003 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] OLUTAS, M. - KILIC, A. - KILIC, K. - ALTINKOK, A. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. MAY 2012, vol. 25, no. 4, p. 753-771., WOS

ADCA722 UŠÁK, Pavol - POLÁK, Milan - DEMENČÍK, Eduard - KVITKOVIČ, Jozef - LEVIN, G.A. - BARNES, P.N. The current distribution in a striated YBCO tape subjected to both a magnetization and a transport current. In *Superconductor Science and Technology*, 2007, vol. 20, p. 994-1001. (1.440 - IF2006). (2007 - Current Contents, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] ZOU, S.N. - GU, C. - QU, T.M. - HAN, Z. In REVIEW OF SCIENTIFIC INSTRUMENTS. OCT 2013, vol. 84, no. 10., WOS

ADCA723 UŠÁK, Pavol. The measurements of current distribution in superconducting tape. In *Physica C. Superconductivity and its applicacions*, 2003, vol. 384, p. 93-101. (0.912 - IF2002). (2003 - Current Contents, WOS, SCOPUS). ISSN 0921-4534.

Ohlasy:

[1.1] MIYAZOE, A. - SEKINO, M. - KIYOSHI, T. - OHSAKI, H. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 2, p. 1600-1603., WOS

ADCA724 VAGOVIČ, Patrik - KORYTÁR, Dušan - CECILIA, A. - HAMANN, E. - ŠVÉDA, L. - PELLICCIA, D. - HÄRTWIG, J. - ZÁPRAŽNÝ, Zdenko - OBERTA, P. - DOLBNYA, I. - SHAWNEY, K. - FLESCHIG, U. - FIEDERLE, M. - BAUMBACH, T. High-resolution high-efficiency X-ray imaging system based on the in-line Bragg magnifier and the Medipix detector. In *Journal of Synchrotron Radiation*, 2013, vol. 20, p. 153-159. (2.186 - IF2012). (2013 - Current Contents). ISSN 0909-0495.

Ohlasy:
[1.1] HIRANO, K. - TAKAHASHI, Y. - SUGIYAMA, H. In NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT. MAR 21 2014, vol. 741, p. 78-83., WOS
[3] Kim SJ, Lee SJ, Park IK, Lee JE, Park SH, Seol KH, Kim JC. In Progress in Medical Physics 2013 24 (1): 41-47

ADCA725 VAGOVIČ, Patrik - KORYTÁR, Dušan - MIKULÍK, P. - CECILIA, A. - FERRARI, C. - YANG, Y. - HÄNSCHKE, D. - HAMANN, E. - PELLICCIA, D. - LAFFORD, T.A. - FIEDERLE, M. - BAUMBACH, T. In-line Bragg magnifier based on V-shaped germanium crystals. In *Journal of Synchrotron Radiation*, 2011, vol. 18, p. 753-760. (2.335 - IF2010). (2011 - Current Contents). ISSN 0909-0495.
Ohlasy:
[1.1] HIRANO, K. - TAKAHASHI, Y. - SUGIYAMA, H. In NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT. MAR 21 2014, vol. 741, p. 78-83., WOS

ADCA726 VALENTOVIČ, Daniel - ČERVENÁK, Ján - LUBY, Štefan - ALDEA, M.L. - BOTILA, T. Some non-equilibrium phenomena in sputtered cdte thin films. In *Physica status solidi A*, 1979, vol. 56, pp. 341-347. ISSN 0031-8965.
Ohlasy:
[1.1] CIUREA, M.L. In ROMANIAN REPORTS IN PHYSICS. 2013, vol. 65, no. 3, p. 841-856., WOS

ADCA727 VALLO, Martin - LALINSKÝ, Tibor - DOBROČKA, Edmund - VANKO, Gabriel - VINCZE, A. - RÝGER, Ivan. Impact of Ir gate interfacial oxide layers on performance of AlGaN/GaN HEMT. In *Applied Surface Science*, 2013, vol. 267, p. 159-163. (2.112 - IF2012). (2013 - Current Contents, WOS, SCOPUS). ISSN 0169-4332.
Ohlasy:
[1.1] LIN, R.M. - CHU, F.C. - DAS, A. - LIAO, S.Y. - SU, V.C. In JAPANESE JOURNAL OF APPLIED PHYSICS. NOV 2013, vol. 52, no. 11, 1., WOS

ADCA728 VALOVIČ, Albín - HURAN, Jozef - KUČERA, Michal - KOBZEV, A.P. - GAŽI, Štefan. Properties study of silicon carbide thin films prepared by electron cyclotron resonance plasma technology. In *European Physical Journal - Applied Physics*, 2011, vol. 56, 24013. (0.902 - IF2010). (2011 - Current Contents). ISSN 1286-0042.
Ohlasy:
[1.1] OMAR, M.F. - LEY, H.H. - ZAINAL, J. - ISMAIL, A.K. - IBRAHIM, R.K.R. - SAKRANI, S. In 2013 IEEE 4TH INTERNATIONAL CONFERENCE ON PHOTONICS (ICP). 2013, p. 153-155., WOS

ADCA729 VANKO, Gabriel - DRŽÍK, Milan - VALLO, Martin - LALINSKÝ, Tibor - KUTIŠ, V. - STANČÍK, S. - RÝGER, Ivan - BENČUROVÁ, Anna. AlGaN/GaN C-HEMT structures for dynamic stress detection. In *Sensors and Actuators A*, 2011, vol. 172, p. 98-102. (3.368 - IF2010). (2011 - Current Contents). ISSN 0925-4005.

Ohlasy:

[1.1] WANG, Ashu - TADJER, Marko J. - ANDERSON, Travis J. - BARANYAI, Roland - POMEROY, James W. - FEYGELSON, Tatyana I. - HOBART, Karl D. - PATE, Bradford B. - CALLE, Fernando - KUBALL, Martin. Impact of Intrinsic Stress in Diamond Capping Layers on the Electrical Behavior of AlGaN/GaN HEMTs. In IEEE TRANSACTIONS ON ELECTRON DEVICES. ISSN 0018-9383, 2013, vol. 60, no. 10, pp. 3149., WOS

[9] EDWARDS, M. Modelling, fabrication and development of GaN-based sensors and substrates for high strain environments. PhD. Thesis. University of Bath, 2012., Google Scholar

[9] WANG, A. Thermal, stress, and traps effects in AlGaN/GaN HEMTs. PhD. Thesis. Universidad Politécnica de Madrid, E.T.S.I. Telecomunicación, 2014., Google Scholar

ADCA730 VANKO, Gabriel - HUDEK, Peter - ZEHETNER, J. - DZUBA, Jaroslav - CHOLEVA, P. - KUTIŠ, V. - VALLO, Martin - RÝGER, Ivan - LALINSKÝ, Tibor. Bulk micromachining of SiC substrate for MEMS sensor applications. In *Microelectronic Engineering*, 2013, vol. 110, p. 260-264. (1.224 - IF2012). (2013 - Current Contents). ISSN 0167-9317.

Ohlasy:

[1.1] FRISCHMUTH, Tobias - SCHNEIDER, Michael - GRILLE, Thomas - SCHMID, Ulrich. Effect of Reactive Gas Flow Ratio on IC-PECVD Deposited a-SiC:H Thin Films. In 28TH EUROPEAN CONFERENCE ON SOLID-STATE TRANSDUCERS (EUROSENSORS 2014). ISSN 1877-7058, 2014, vol. 87, no., pp. 128., WOS

[1.1] LECLAIRE, P. - CHENOT, S. - BUCHAILLOT, L. - CORDIER, Y. - THERON, D. - FAUCHER, M. AlGaN/GaN HEMTs with very thin buffer on Si (111) for nanosystems applications. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. ISSN 0268-1242, 2014, vol. 29, no. 11, pp., WOS

[1.1] OLHERO, S. M. - KAUSHAL, A. - ANTUNES, P. - FERREIRA, J. M. F. Microfabrication of high aspect ratio BST pillar arrays by epoxy gel casting from aqueous suspensions with added water soluble epoxy resin. In MATERIALS RESEARCH BULLETIN. ISSN 0025-5408, 2014, vol. 60, no., pp. 830., WOS

[1.1] PREUSCH, Florian - ADELMANN, Benedikt - HELLMANN, Ralf. Micromachining of AlN and Al2O3 Using Fiber Laser. In MICROMACHINES. ISSN 2072-666X, 2014, vol. 5, no. 4, pp. 1051., WOS

ADCA731 VANKO, Gabriel - LALINSKÝ, Tibor - HAŠČÍK, Štefan - RÝGER, Ivan - MOZOLOVÁ, Želmíra - ŠKRINIAROVÁ, J. - TOMÁŠKA, M. - KOSTIČ, Ivan - VINCZE, A. Impact of SF6 plasma treatment on performance of AlGaN/GaN HEMT. In *Vacuum*, 2009, vol. 84, p. 235-237. (1.114 - IF2008). (2009 - Current Contents). ISSN 0042-207X.

Ohlasy:

[1.1] BISI, D. - MENEGHINI, M. - STOCCO, A. - CIBIN, G. - PANTELLINI, A. - NANNI, A. - LANZIERI, C. - ZANONI, E. - MENEGHESSO, G. Influence of Fluorine-based Dry Etching on Electrical Parameters of AlGaN/GaN-on-Si High Electron Mobility Transistors. In 2013 PROCEEDINGS OF THE EUROPEAN SOLID-STATE DEVICE RESEARCH CONFERENCE (ESSDERC). ISBN: 978-1-4799-0649-9, ISSN: 1930-8876,

2013, p. 61-64., WOS

[1.1] DU, Y.D. - HAN, W.H. - YAN, W. - YANG, F.H. Impact of CHF3 Plasma Treatment on AlGaN/GaN HEMTs Identified by Low-Temperature Measurement. In CHINESE PHYSICS LETTERS. ISSN: 0256-307X, APR 2014, vol. 31, no. 4, article no. 048501., WOS

[1.1] HIROSE, M. - TAKADA, Y. - MATSUSHITA, K. - TAKAGI, K. - TSUDA, K. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 9, NO 2. 2012, vol. 9, no. 2., WOS

[1.1] LEE, N.H. - LEE, M. - CHOI, W. - KIM, D. - JEON, N. - CHOI, S. - SEO, K.S. Effects of various surface treatments on gate leakage, subthreshold slope, and current collapse in AlGaN/GaN high-electron-mobility transistors. In JAPANESE JOURNAL OF APPLIED PHYSICS. ISSN: 0021-4922, APR 2014, vol. 53, no. 4, Special issue, article no. 04EF10., WOS

[1.1] WANG, Y.Z. - CHEN, Y.T. - ZHAO, H. - XUE, F. - ZHOU, F. - LEE, J.C. Impact of SF6 plasma treatment on performance of TaN-HfO2-InP metal-oxide-semiconductor field-effect transistor. In Applied Physics Letters. ISSN 0003-6951. 2011, vol. 4, no. 4, art. no. 043506., WOS

[1.1] WANG, Y.Z. - CHEN, Y.T. - XUE, F. - ZHOU, F. - LEE, J.C. In APPLIED PHYSICS LETTERS. AUG 6 2012, vol. 101, no. 6., WOS

[1.1] ZHANG, H.Y. - YANG, X.M. - YU, T. - JIN, C.G. - YE, C. - ZHUGE, L.J. - WU, X.M. Role of high-frequency power in C4F8 dual-frequency capacitively coupled plasmas treating high-k HfO2 films. In JOURNAL OF PHYSICS D-APPLIED PHYSICS. OCT 30 2013, vol. 46, no. 43., WOS

ADCA732 VANKO, Gabriel - VALLO, Martin - BRUNCKO, J. - LALINSKÝ, Tibor. Laser ablated ZnO layers for AlGaN/GaN HEMT passivation. In *Vacuum*, 2012, vol. 86, p. 672-674. (1.317 - IF2011). (2012 - Current Contents). ISSN 0042-207X.

Ohlasy:

[1.1] BAO, Q.L. - LUO, J. - ZHAO, C. In VACUUM. MAR 2014, vol. 101, SI, p. 184-188., WOS

[1.1] ELLER, B.S. - YANG, J.L. - NEMANICH, R.J. In JOURNAL OF VACUUM SCIENCE & TECHNOLOGY A. SEP 2013, vol. 31, no. 5., WOS

[1.1] SOYLU, M. - YAKUPHANOGLU, F. In MATERIALS CHEMISTRY AND PHYSICS. JAN 15 2014, vol. 143, no. 2, p. 495-502., WOS

ADCA733 VANKO, Gabriel - LALINSKÝ, Tibor - MOZOLOVÁ, Želmíra - LIDAY, J. - VOGRINČIČ, P. - VINCZE, A. - UHEREK, F. - HAŠČÍK, Štefan - KOSTIČ, Ivan. Nb-Ti/Al/Ni/Au based ohmic contacts to AlGaN/GaN. In *Vacuum*, 2007, vol. 82, pp. 193-196. (0.830 - IF2006).

Ohlasy:

[1.1] LIN, Y.S. - LIAN, Y.W. - YANG, J.M. - LU, H.C. - HUANG, Y.C. - CHENG, C.H. - HSU, S.S.H. Contact engineering of GaN-on-silicon power devices for breakdown voltage enhancement. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. JUL 2013, vol. 28, no. 7, SI., WOS

[1.1] REDONDO-CUBERO, A. - VAZQUEZ, L. - ALVEZ, L.C. - CORREGIDOR, V. - ROMERO, M.F. - PANTELLINI, A. - LANZIERI, C. - MUNOZ, E. Influence of lateral and in- depth metal segregation on the patterning of ohmic contacts for GaN-based devices. In JOURNAL OF PHYSICS D-APPLIED PHYSICS. ISSN: 0022-3727, MAY 9 2014, vol. 47, no. 18, article no. 185302., WOS

[1.1] WANG, N.-F. - TSAI, Y.-Z. - CHENG, Y.-S. - CHIEN, M.-H. - HSU, F.-H.. A novel ohmic contact method for Al/n-Si by inserting ultra-thin LiF. In INNOVATION, COMMUNICATION AND ENGINEERING. 2014, p. 301-304., WOS

[1.1] WU, Tzeng-Tsong - LIN, Chien-Chung - WU, Yun-Lin - CHEN, Chien-Kang - LU, Tien-Chang - KUO, Hao-Chung - WANG, Shing-Chung. Enhanced Output Power of GaN-Based Resonance Cavity Light-Emitting Diodes With Optimized ITO Design. In JOURNAL OF LIGHTWAVE TECHNOLOGY. ISSN 0733-8724, 2011, vol. 29, no. 24, pp. 3757-3763., WOS

[2.2] Stuchlíková, L. , Kósa, A., Benkovská, J., Benko, P., Harmatha, L., Kovác, J.: Defects in schottky diodes based on AlGaN/GaN heterostructures Conference Proceedings - 10th International Conference on Advanced Semiconductor Devices and Microsystems, ASDAM 2014 24 December 2014, Article number 6998675, Pages 181-184, SCOPUS

ADCA734 VÁVRA, Ivo - BYDŽOVSKÝ, J. - FLACHBART, Karol - TEJADA, J. - KOPERA, Ľubomír - KOVÁČOVÁ, Eva - TEMST, K. - BRUYNSERAEDE, Y. Fe/Cr sensor for the milliKelvin temperature range. In *Sensors and Actuators A*, 2001, vol. 91, p. 177-179.

Ohlasy:

[1.2] Al-Hawari, T., Al-Bo'ol, S., Momani, A. In Jordan Journal of Mechanical and Industrial Engineering 5 (2011) , pp. 451-459, SCOPUS

[1.2] Al-Hawari, T., Al-Bo'ol, S., Momani, A.M. International Journal of Computer Applications in Technology 44 (2012) , pp. 198, SCOPUS

ADCA735 VÁVRA, Ivo - LUBY, Štefan. Resistivity and structure of evaporated polycrystalline molybdenumfilms. In *Thin Solid Films*, 1980, vol. 69, p. 169-174. ISSN 0040-6090.

Ohlasy:

[1.1] LEE, C.H. - GUO, F.G. - CHU, C.C. In CHINESE JOURNAL OF PHYSICS. APR 2012, vol. 50, no. 2, SI, p. 311-321., WOS

[1.1] RAFAJA, D. - KOSTENBAUER, H. - MUHLE, U. - LOFFLER, C. - SCHREIBER, G. - KATHREIN, M. - WINKLER, J. In THIN SOLID FILMS. JAN 15 2013, vol. 528, p. 42-48., WOS

ADCA736 VÁVRA, Ivo - LOBOTKA, Peter - DÉRER, Ján - GAŽI, Štefan - WALLENBERG, L.R. - HOLÝ, V. - KUBĚNA, J. - SOBOTA, J. Stacked Josephson junction based on Nb/Ti superlattice. In *Journal of Low Temperature Physics*, 1997, vol. 106, p. 373. (1.448 - IF1996). (1997 - Current Contents, WOS, SCOPUS). ISSN 0022-2291.

Ohlasy:

[1.1] KASHYAP, S. - CHATTOPADHYAY, K. In THIN SOLID FILMS. MAR 15 2013, vol. 531, p. 312-319., WOS

[1.1] XING, J.J. - TAKEGUCHI, M. - HASHIMOTO, A. - CAO, J.Y. - YE, J.H. In APPLIED PHYSICS LETTERS. APR 21 2014, vol. 104, no. 16., WOS

ADCA737 VÁVRA, Ondrej - GAŽI, Štefan - VÁVRA, Ivo - DÉRER, Ján - KOVÁČOVÁ, Eva. High efficiency Andrew reflection observed in Nb/Fe0.5Si0.5/Nb Josephson junctions. In *Physica C*, 2004, vol. 404, p. 395-399. (1.192 - IF2003). (2004 - Current Contents, WOS, SCOPUS). ISSN 0921-4534.

Ohlasy:
[1.1] POPOVIC, Z. - DOBROSAVLJEVIC-GRUJIC, L. - ZIKIC, R. In PHYSICAL REVIEW B. MAY 11 2012, vol. 85, no. 17., WOS

ADCA738 VÁVRA, Ondrej - GAŽI, Štefan - GOLUBOVIČ, J. - VÁVRA, Ivo - DÉRER, Ján - VERBEECK, J. - VAN TENDELOO, G. - MOSHCHALKOV, V.V. 0 and ? phase Josephson coupling through an insulating barrier with magnetic impurities. In *Physical Review B : condensed matter*, 2006, vol. 74, p. 020502. (3.185 - IF2005). (2006 - Current Contents, WOS, SCOPUS). ISSN 1098-0121.
Ohlasy:
[1.1] ALI, A. - SUSANTO, H. - WATTIS, J.A.D. In PHYSICA D-NONLINEAR PHENOMENA. MAR 1 2013, vol. 246, no. 1, p. 15-22., WOS

ADCA739 VILJAMAA, Jonna - ROSTILA, L. - KOVÁČ, Pavol - MELIŠEK, Tibor - HINTERBERGER, A. - REISSNER, M. Comparison of different critical current density models for undoped monofilamentary Ti-sheathed MgB2 tapes. In *Journal of Superconductivity and Novel Magnetism*, 2011, vol. 24, p. 287-297. (1.014 - IF2010). (2011 - Current Contents). ISSN 1557-1939.
Ohlasy:
[1.1] GIUNCHI, G. - SAGLIETTI, L. - ALBISETTI, A.F. - PERINI, E. - SCHIAVONE, C. - RIPAMONTI, G. - UGLIETTI, D. - BRUZZONE, P.L. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 3., WOS

ADCA740 VILJAMAA, Jonna - KARIO, A. - DOBROČKA, Edmund - REISSNER, M. - KULICH, Miloslav - KOVÁČ, Pavol - HAESSLER, W. Effect of heat treatment temperature on superconducting performance of B4C added MgB2/Nb conductors. In *Physica C*, 2012, vol. 473, p. 34-40. (1.014 - IF2011). (2012 - Current Contents, WOS, SCOPUS). ISSN 0921-4534.
Ohlasy:
[1.2] Yan, G.a, Wang, Q.b, Liu, G.b, Xiong, X.b, Pan, X.a, Feng, Y. Materials China Vol. 32, (2013), Pp 550-561, SCOPUS

ADCA741 VINCZE, A. - ŠATKA, A. - PETERNAI, L. - KOVÁČ, Jaroslav - HASENÖHRL, Stanislav - VESELÝ, M. SIMS and SEM analysis of In1-x-yP LED structure grown on In1-xP graded buffer. In *Applied Surface Science*, 2006, vol. 252, p. 7279-7282. (2006 - Current Contents). ISSN 0169-4332.
Ohlasy:
[1.1] BOUHEMADOU, A. - GHEBOULI, M.A. - GHEBOULI, B. - FATMI, M. - BIN-OMRAN, S. - UCGUN, E. - OCAK, H.Y. In MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING. JUN 2013, vol. 16, no. 3, p. 718-726., WOS

ADCA742 VINCZE, A. - LUPTÁK, Roman - HUŠEKOVÁ, Kristína - DOBROČKA, Edmund - FRÖHLICH, Karol. Thermal stability of GdScO3 and LaLuO3 films prepared by liquid injection MOCVD. In *Vacuum*, 2009, vol. 84, p. 170. (1.114 - IF2008). (2009 - Current Contents).
Ohlasy:
[1.1] FEIJOO, P.C. - PAMPILLON, M.A. - ANDRES, E.S. - FIERRO, J.L.G. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. AUG 2013,

vol. 28, no. 8., WOS

[1.1] HAN, J. H. - NYNS, L. - DELABIE, A. - FRANQUET, A. - VAN ELSHOCHT, S. - ADELMANN, C. In CHEMISTRY OF MATERIALS. FEB 11 2014, vol. 26, no. 3, p. 1404-1412., WOS

[1.1] MITROVIC, I.Z. - HALL, S. - SEDGHI, N. - SIMUTIS, G. - DHANAK, V.R. - BAILEY, P. - NOAKES, T.C.Q. - ALEXANDROU, I. - ENGSTROM, O. - LOPES, J.M.J. - SCHUBERT, J. In JOURNAL OF APPLIED PHYSICS. AUG 15 2012, vol. 112, no. 4., WOS

[1.1] MITROVIC, I.Z. - SIMUTIS, G. - DAVEY, W.M. - SEDGHI, N. - HALL, S. - DHANAK, V.R. - ALEXANDROU, I. - WANG, Q. - LOPES, J.M.J. - SCHUBERT, J. In MICROELECTRONIC ENGINEERING. JUL 2011, vol. 88, no. 7, p. 1495-1498., WOS

[1.1] WANG, Y.Y. - QI, Z.M. - SHAO, T. - CHENG, X.R. - ZHANG, G.B. - LI, T.T. - LI, C.X. - PAN, G.Q. In JOURNAL OF ALLOYS AND COMPOUNDS. SEP 15 2013, vol. 571, p. 103-106., WOS

ADCA743 VOJENČIAK, Michal - ŠOUC, Ján - GÖMÖRY, Fedor. Critical current and AC loss analysis of a superconducting power transmission cable with ferromagnetic diverters. In *Superconductor Science and Technology*, 2011, vol. 24, art. no. 075001. (2.402 - IF2010). (2011 - Current Contents, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] AINSLIE, M.D. - YUAN, W.J. - FLACK, T.J. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 2., WOS

[1.1] GOZZELINO, L. - GERBALDO, R. - GHIGO, G. - LAVIANO, F. - AGOSTINO, A. - BONOMETTI, E. - CHIAMPI, M. - MANZIN, A. - ZILBERTI, L. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 3., WOS

[1.1] ZHANG, M. - KIM, J.H. - PAMIDI, S. - CHUDY, M. - YUAN, W.J. - COOMBS, T.A. In JOURNAL OF APPLIED PHYSICS. APR 15 2012, vol. 111, no. 8., WOS

[1.2] Cicek, A., Inanir, F. Progress in Exergy, Energy, and the Environment Eds. Ibrahim Dincer, Adnan Midilli, Haydar Kucuk. Springer 2014. ISBN: 978-3-319-04680-8. P. 453-458, SCOPUS

ADCA744 VOJENČIAK, Michal - GRILLI, F. - TERZIEVA, S. - GOLDACKER, W. - KOVÁČOVÁ, M. - KLING, A. Effect of self-field on the current distribution in Roebel-assembled coated conductor cables. In *Superconductor Science and Technology*, 2011, vol. 24, art. no. 095002. (2.402 - IF2010). (2011 - Current Contents, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] NII, Masahiro - AMEMIYA, Naoyuki - NAKAMURA, Taketsune. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. ISSN 0953-2048, SEP 2012, vol. 25, no. 9., WOS

[1.2] Long, N.J., Badcock, R.A., Bumby, C.W., Jiang, Z., Buckley, R.G.: In Miryala, M.: Superconductivity: Recent developments and new production technologies. Nova Science Publishers, Inc. 2012 ISBN: 978-162257137-6 pp. 259-288, SCOPUS

ADCA745 VOJENČIAK, Michal - ŠOUC, Ján - GÖMÖRY, Fedor - SEILER, Eugen. Influence of DC magnetic field on AC loss of YBCO coated conductor with ferromagnetic substrate. In *Acta Physica Polonica A*, 2008, vol. 113, p. 359-361. (0.340 - IF2007). (2008 - Current Contents, WOS, SCOPUS). ISSN 1898-794X.

Ohlasy:

[1.1] LAMAS, J.S. - BALDAN, C.A. - SHIGUE, C.Y. - SILHANEK, A. - MOSHCHALKOV, V. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 3, p. 3398-3402., WOS

[1.1] ZHANG, M. - KVITKOVIC, J. - KIM, J.H. - KIM, C.H. - PAMIDI, S.V. - COOMBS, T.A. In APPLIED PHYSICS LETTERS. SEP 3 2012, vol. 101, no. 10., WOS

ADCA746 VOJENČIAK, Michal - ŠOUC, Ján - CEBALLOS, J.M. - GÖMÖRY, Fedor - KLINČOK, Boris - PARDO, Enric - GRILLI, F. Study of ac loss in Bi-2223/Ag tape under the simultaneous action of ac transport current and ac magnetic field shifted in phase. In *Superconductor Science and Technology*. - Bristol : IOP Publishing Ltd., 2006, vol. 19, p. 397-404. (1.896 - IF2005). (2006 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] RUIZ, H.S. - BADIA-MAJOS, A. In JOURNAL OF APPLIED PHYSICS. MAY 21 2013, vol. 113, no. 19., WOS

ADCA747 WEISS, F. - LINDNER, J. - SENATEUR, J.P. - DUBORDIEU, C. - GALINDO, V. - AUDIER, M. - ABRUTIS, A. - ROSINA, Milan - FRÖHLICH, Karol - HAESSLER, W. - OSWALD, Steffen - FIGUERAS, A. - SANTISO, J. Injection MOCVD : ferroelectric thin films and functional oxide superlattices. In *Surface and coatings technology*, 2000, vol. 133-134, p. 191-197.

Ohlasy:

[1.1] MANOLE, C.C. - MAURY, F. - DEMETRESCU, I. In NINETEENTH EUROPEAN CONFERENCE ON CHEMICAL VAPOR DEPOSITION (EUROCVD 19). 2013, vol. 46, p. 46-55., WOS

[1.1] REYNOLDS, G.J. - KRATZER, M. - DUBS, M. - FELZER, H. - MAMAZZA, R. In MATERIALS. APR 2012, vol. 5, no. 4, p. 575-589., WOS

ADCA748 XU, Y. - KHAFIZOV, M.L. - SATRAPINSKY, L. - KÚŠ, P. - PLECENIK, Andrej - SOBOLEWSKI, R. Time-resolved photoexcitation of the superconducting two-gap state in MgB2 thin films. In *Physical Review Letters*, 2003, vol. 91, p. 197004. (7.323 - IF2002). (2003 - Current Contents, WOS, SCOPUS). ISSN 0031-9007.

Ohlasy:

[1.1] ALZAYED, N.S. - KITYK, I.V. - SOLTAN, S. - WOJCIECHOWSKI, A. - FEDORCHUK, A.O. - LAKSHMINARAYANA, G. - SHAHABUDDIN, M. In JOURNAL OF ALLOYS AND COMPOUNDS. MAY 5 2014, vol. 594, p. 60-64., WOS

[1.1] BEVILACQUA, S. - CHEREDNICHENKO, S. - DRAKINSKIY, V. - SHIBATA, H. - TOKURA, Y. - STAKE, J. In IEEE TRANSACTIONS ON TERAHERTZ SCIENCE AND TECHNOLOGY. JUL 2013, vol. 3, no. 4, p. 409-415., WOS

[1.1] ZHANG, C. - WANG, Y. - WANG, D. - ZHANG, Y. - LIU, Z.H. -

FENG, Q.R. - GAN, Z.Z. In JOURNAL OF APPLIED PHYSICS. JUL 14 2013, vol. 114, no. 2., WOS

ADCA749 ZANINO, R. - BAGNASCO, M. - BELLINA, F. - BONICELLI, T. - DELLA CORTE, A. - DI ZENOBIO, A. - FIETZ, W.H. - FORMISANO, A. - HELLER, R. - ILUIN, Yu. - MARCHESE, V. - MARTONE, R. - MUZZI, L. - NIJHUIS, A. - POLÁK, Milan - RIBANI, P. - SALPIETRO, E. - SAVOLDI RICHARD, L. - TURTU, S. - VERDINI, L. - ZAHN, G.R. Current distribution measurement on the ITER-type NbTi bus bar III. In *IEEE Transactions on Applied Superconductivity*, vol. 15, 2005, p. 1407-1410.

Ohlasy:

[1.1] FERRERO, R. - MARRACCI, M. - TELLINI, B. In IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT. JAN 2013, vol. 62, no. 1, p. 177-184., WOS

ADCA750 ZANINO, R. - ASTROV, M. - BAGNASCO, M. - BAKER, W. - BELLINA, F. - CIAZYNSKI, D. - EGOROV, S. - KIM, K. - KVITKOVIČ, Jozef - LACROIX, B. - MARTOVETSKY, N.N. - MITCHELL, N. - MUZZI, L. - NUNOYA, Y. - OKUNO, K. - POLÁK, Milan - RIBANI, P. - SALPIETRO, E. - SAVOLDI RICHARD, L. - SBORCHIA, C. - TAKAHASHI, Y. - WENG, P. - WESCHE, R. - ZANI, L. - ZAPRETILINA, E. Predictive analysis of the ITER poloidal field conductor insert (PFCI) test program. In *IEEE Transactions on Applied Superconductivity*, 2007, vol. 17, p. 1353-1357. (0.717 - IF2006). (2007 - Current Contents, WOS, SCOPUS).

Ohlasy:

[1.1] ROLANDO, G. - VAN LANEN, E.P.A. - NIJHUIS, A. In JOURNAL OF APPLIED PHYSICS. MAY 1 2012, vol. 111, no. 9., WOS

ADCA751 ZANNELLA, S. - MONTELATICI, L. - GRENCI, G. - POJER, M. - JANŠÁK, Lubomil - MAJOROŠ, Milan - COLETTA, G. - MELE, R. - TEBANO, R. - ZANOVELLO, F. AC losses in transport current regime in applied ac magnetic field: experimental analysis and modeling. In *IEEE Transactions on Applied Superconductivity*, 2001, vol. 11, no. 1, p. 2441-2444. (0.791 - IF2000).

Ohlasy:

[1.1] GRILLI, F. - PARDO, E. - STENVALL, A. - NGUYEN, D.N. - YUAN, W.J. - GOMORY, F. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. FEB 2014, vol. 24, no. 1., WOS

[1.1] RUIZ, H.S. - BADIA-MAJOS, A. In JOURNAL OF APPLIED PHYSICS. MAY 21 2013, vol. 113, no. 19., WOS

[1.1] XIA, J. - ZHOU, Y.H. In SCIENCE CHINA-TECHNOLOGICAL SCIENCES. APR 2014, vol. 57, no. 4, p. 765-772., WOS

ADCA752 ZÁPRAŽNÝ, Zdenko - KORYTÁR, Dušan - ÁČ, V. - KONOPKA, Pavol - BIELECKI, J. Phase contrast imaging of lightweight objects using microfocus X-ray source and high resolution CCD camera. In *Journal of Instrumentation*, 2012, vol. 7, c03005. (1.869 - IF2011). (2012 - Current Contents, WOS, SCOPUS). ISSN 1748-0221.

Ohlasy:

[1.1] SUNG, Y.J. - GUPTA, R. In OPTICS EXPRESS. OCT 7 2013, vol. 21, no. 20, p. 23671-23678., WOS

[1.1] SUNG, Y.J. - SHEPPARD, C.J.R. - BARBASTATHIS, G. - ANDO, M. - GUPTA, R. In OPTICS EXPRESS. JUL 29 2013, vol. 21, no. 15, p. 17547-17557., WOS

ADCA753 ZAŤKO, Bohumír - DUBECKÝ, František - PŘIBIL, Jiří - BOHÁČEK, Pavol - FROLLO, Ivan - ŠČEPKO, Pavol - MUDROŇ, J. - GRYBOŚ, Paweł - NEČAS, V. On the development of portable X-ray CT mini-system using semi-insulating GaAs radiation imaging detectors. In *Nuclear Instruments and Methods in Physics Research A*, 2009, vol. 607, p. 67-70. (1.019 - IF2008). ISSN 0168-9002.

Ohlasy:

[1.1] MOULEESWARAN, D. - KOYAMA, T. - TANAKA, A. - HAYAKAWA, Y. In JOURNAL OF CRYSTAL GROWTH. JAN 1 2013, vol. 362, p. 238-242., WOS

ADCA754 ZÁVIŠOVÁ, Vlasta - KONERACKÁ, Martina - ŠTRBÁK, Oliver - TOMAŠOVIČOVÁ, Natália - KOPČANSKÝ, Peter - TIMKO, Milan - VÁVRA, Ivo. Encapsulation of indomethacin in magnetic biodegradable polymer nanoparticles. In *Journal of Magnetism and Magnetic Materials*, 2007, vol. 311, no. 1, p. 379-382. (1.212 - IF2006). (2007 - Current Contents, WOS, SCOPUS). ISSN 0304-8853.

Ohlasy:

[1.1] ABDALLA, M.O. - KARNA, P. - SAJJA, H.K. - MAO, H. - YATES, C. - TURNER, T. - ANEJA, R. Enhanced noscapine delivery using uPAR-targeted optical-MR imaging trackable nanoparticles for prostate cancer therapy. In JOURNAL OF CONTROLLED RELEASE, 2011, vol. 149, no. 3, p. 314-322., WOS

[1.1] ANIRUDHAN, T.S. - DILU, D. - SANDEEP, S. Synthesis and characterisation of chitosan crosslinked-beta-cyclodextrin grafted silylated magnetic nanoparticles for controlled release of Indomethacin. In JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS. OCT 2013, vol. 343, p. 149-156., WOS

[1.1] ESCRIBANO, E. - FERNANDEZ-PACHECO, R. - VALDIVIA, J.G. - IBARRA, M.R. - MARQUINA, C. - QUERALT, J. Effect of Magnet Implant on Iron Biodistribution of Fe@C Nanoparticles in the Mouse. In ARCHIVES OF PHARMACAL RESEARCH, 2012, vol. 35, no. 1, p. 93-100., WOS

[1.1] FERREIRA, A.M. - MATTU, C. - RANZATO, E. - CIARDELLI, G. Bioinspired porous membranes containing polymer nanoparticles for wound healing. In JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART A. DEC 2014, vol. 102, no. 12, p. 4394-4405., WOS

[1.1] KUMAR, R. - NAGARWAL, R.C. - DHANAWAT, M. - PANDIT, J.K. In-Vitro and In-Vivo Study of Indomethacin Loaded Gelatin Nanoparticles. In JOURNAL OF BIOMEDICAL NANOTECHNOLOGY, 2011, vol. 7, no. 3, p. 325-333., WOS

[1.1] LUCAS, P. - VAYSSE, M. - AUBRY, J. - MARIOT, D. - SONNIER, R. - GANACHAUD, F. Finest nanocomposite films from carbon nanotube-loaded poly(methyl methacrylate) nanoparticles obtained by the Ouzo effect. In SOFT MATTER, 2011, vol. 7, no. 12, p. 5528-5531., WOS

[1.1] MATTU, C. - BOFFITO, M. - SARTORI, S. - RANZATO, E. - BERNARDI, E. - SASSI, M. P. - DI RIENZO, A. M. - CIARDELLI, G. Therapeutic nanoparticles from novel multiblock engineered polyesterurethanes.

In JOURNAL OF NANOPARTICLE RESEARCH. ISSN 1388-0764, 2012, vol. 14, no. 12, art. no. 1306, WOS

[1.1] REDDY, L. Harivardhan - ARIAS, Jose L. - NICOLAS, Julien - COUVREUR, Patrick. Magnetic Nanoparticles: Design and Characterization, Toxicity and Biocompatibility, Pharmaceutical and Biomedical Applications. In CHEMICAL REVIEWS. ISSN 0009-2665, 2012, vol. 112, no. 11, pp. 5818-5878., WOS

[1.1] RYBAK, A. - DUDEK, G. - KRASOWSKA, M. - STRZELEWICZ, A. - GRZYWNA, Z.J. - SYSEL, P. Magnetic mixed matrix membranes in air separation. In CHEMICAL PAPERS. OCT 2014, vol. 68, no. 10, p. 1332-1340., WOS

[1.1] WANG, L.G. - WANG, M. - TOPHAM, P.D. - HUANG, Y. Fabrication of magnetic drug-loaded polymeric composite nanofibres and their drug release characteristics. In RSC ADVANCES, 2012, vol. 2, no. 6, p. 2433-2438., WOS

[1.2] Gajbhiye, V., Jain, N.K. Novel carriers for controlled site specific delivery of anti-inflammatory agents In Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry 10 (2011) , pp. 166-179, SCOPUS

[1.2] ZHANG, Y.-M. - JIN, X.-Q. - ZHAO, C.-C. - JIAO, Y. - LIU, Y.-M. An introduction to preparation of magnetic nanoparticles and their application in medicine. In Chinese Journal of New Drugs, 2012, 21, 24, pp. 2907-2912., SCOPUS

ADCA755 ZÁVIŠOVÁ, Vlasta - KONERACKÁ, Martina - MÚČKOVÁ, Marta - LAZOVÁ, Jana - JURÍKOVÁ, Alena - LANCZ, Gábor - TOMAŠOVIČOVÁ, Natália - TIMKO, Milan - KOVÁČ, Jozef - VÁVRA, Ivo - FABIÁN, Martin - FEOKTYSOV, A. - GARAMUS, Vasil M. - AVDEEV, Mikhail V. - KOPČANSKÝ, Peter. Magnetic fluid poly(ethylene glycol) with moderate anticancer activity. In *Journal of Magnetism and Magnetic Materials*, 2011, vol. 323, no. 10, p. 1408-1412. (1.690 - IF2010). (2011 - Current Contents, WOS, SCOPUS). ISSN 0304-8853.

Ohlasy:

[1.1] ARANA, M. - JACOBO, S. E. - TROIANI, H. - BERCOFF, P. G. Synthesis and Characterization of Carbon-Coated Magnetite for Functionalized Ferrofluids. In IEEE TRANSACTIONS ON MAGNETICS. ISSN 0018-9464, 2013, vol. 49, no. 8, pp. 4547., WOS

[1.1] ARANA, M. - JACOBO, S. E. - TROIANI, H. - BERCOFF, P. G. Synthesis and Characterization of Carbon-Coated Magnetite for Functionalized Ferrofluids. In IEEE TRANSACTIONS ON MAGNETICS. ISSN 0018-9464, AUG 2013, vol. 49, no. 8, 1, p. 4547-4550., WOS

[1.1] CHEN, M.J. - SHEN, H. - LI, X. - LIU, H.F. Facile synthesis of oil-soluble Fe3O4 nanoparticles based on a phase transfer mechanism. In APPLIED SURFACE SCIENCE. JUL 15 2014, vol. 307, p. 306-310., WOS

[1.1] ILLES, E. - SZEKERES, M. - KUPCSIK, E. - TOTH, I.Y. - FARKAS, K. - JEDLOVSZKY-HAJDU, A. - TOMBACZ, E. PEGylation of surfacted magnetite core-shell nanoparticles for biomedical application. In COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS. OCT 20 2014, vol. 460, p. 429-440., WOS

[1.1] SAWDON, A. - WEYDEMEYER, E. - PENG, C.A. Antitumor Therapy Using Nanomaterial-Mediated Thermolysis. In JOURNAL OF

BIOMEDICAL NANOTECHNOLOGY. SEP 2014, vol. 10, no. 9, SI, p. 1894-1917., WOS

[1.2] KARIMI, Z. - KARIMI, L. - SHOKROLLAHI, H. Nano-magnetic particles used in biomedicine: Core and coating materials. In Materials Science and Engineering C. ISSN 09284931, 2013-07-01, 33, 5, pp. 2465-2475., SCOPUS

ADCA756 ZOLA, D. - GÖMÖRY, Fedor - POLICHETTI, M. - STRÝČEK, František - SEILER, Eugen - HUŠEK, Imrich - KOVÁČ, Pavol - PACE, S. A study of coupling loss on bi-columnar BSCCO/Ag tapes through ac susceptibility measurements. In *Superconductor Science and Technology*, 2004, vol. 17, p. 501-511. (2.247 - IF2003). (2004 - Current Contents, WOS, SCOPUS). ISSN 0953-2048.

Ohlasy:

[1.1] GRINENKO, V. - FUCHS, G. - NENKOV, K. - STIEHLER, C. - VOJENCIAK, M. - REIS, T. - OSWALD, B. - HOLZAPFEL, B. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUL 2012, vol. 25, no. 7., WOS

ADCA757 ZOLA, D. - POLICHETTI, M. - ADESSO, M.G. - KOVÁČ, Pavol - MARTINI, L. - PACE, S. Thermomagnetic instability and critical current density in MgB2 monofilamentary tapes. In *Physica C*, 2008, vol. 468, p. 761-764. (1.079 - IF2007). (2008 - Current Contents, WOS, SCOPUS). ISSN 0921-4534.

Ohlasy:

[1.1] TAKIKAWA, Y. - TAKEDA, M. - MIGITA, M. - UEHARA, M. - KURAMOTO, T. - KIMISHIMA, Y. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. NOV 2011, vol. 471, no. 21-22, p. 905-907., WOS

ADCA758 ŽÍŽEK, F. - JELÍNEK, Z. - TIMORANSKÝ, Z. - PIEL, H. - CHOVANEC, František - MOZOLA, Pavol - POLÁK, Milan. End-winding region configuration of an HTS transformer. In *IEEE Transactions on Applied Superconductivity*, 2002, vol. 12, p. 904-906.

Ohlasy:

[1.1] STAINES, M. - GLASSON, N. - PANNU, M. - THAKUR, K.P. - BADCOCK, R. - ALLPRESS, N. - D'SOUZA, P. - TALANTSEV, E. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JAN 2012, vol. 25, no. 1., WOS

[1.2] Azizi, D., Gholami, A., Azizi, D. In International Review on Modelling and Simulations 4 (2011) , pp. 2269-2277, SCOPUS

ADDA Scientific papers in domestic journals registered in Current Contents Connect with IF (impacted)

ADDA01 BARDOŠOVÁ, Mária - HODGE, P. - ŠMATKO, Vasilij - TREDGOLD, R.H. - WHITEHEAD, D. A new method of forming synthetic opals. In *Acta Physica Slovaca : journal for experimental and theoretical physics*, 2004, vol. 54, no. 4, p. 409-415. (0.579 - IF2003). (2004 - Current Contents, WOS, SCOPUS). ISSN 0323-0465.

Ohlasy:

[1.1] YANG, Y.M. Fabrication of Antireflective Self-Cleaning Surfaces Using Layer-by-Layer Assembly Techniques. In SELF-CLEANING

MATERIALS AND SURFACES: A NANOTECHNOLOGY APPROACH. 2013, p. 277-311., WOS

ADDA02 GENDIAR, Andrej - NISHINO, T. - DERIAN, René. Estimation of the magnetic critical exponent by tensor product variational approach. In *Acta Physica Slovaca : journal for experimental and theoretical physics*, 2005, vol. 55, no. 2, p. 141-148. (0.513 - IF2004). (2005 - Current Contents, SCOPUS). ISSN 0323-0465.

Ohlasy:

[1.1] BAUER, B. - CORBOZ, P. - ORUS, R. - TROYER, M. In PHYSICAL REVIEW B. MAR 18 2011, vol. 83, no. 12., WOS

[1.1] PHIEN, H.N. - VIDAL, G. - MCCULLOCH, I.P. In PHYSICAL REVIEW B. DEC 10 2012, vol. 86, no. 24., WOS

ADDA03 MESÁROŠOVÁ, Monika - ČIAMPOR, Fedor - ZÁVIŠOVÁ, Vlasta - KONERACKÁ, Martina - URSÍNYOVÁ, M. - KOZICS, Katarína - TOMAŠOVIČOVÁ, Natália - HASHIM, Anežka - VÁVRA, Ivo - KRIŽANOVÁ, Zuzana - HUSEKOVA, Z. - KUBOVČÍKOVÁ, Martina - KOPČANSKÝ, Peter - TIMKO, Milan - GÁBELOVÁ, Alena. The intensity of internalization and cytotoxicity of superparamagnetic iron oxide nanoparticles with different surface modifications in human tumor and diploid lung cells. In *Neoplasma*, 2012, vol. 59, no. 5, p. 584-597. (1.440 - IF2011). (2012 - Current Contents, WOS, SCOPUS). ISSN 0028-2685.

Ohlasy:

[2.1] POMBO-GARCIA, K. - ZARSCHLER, K. - BARRETO, J.A. - HESSE, J. - SPICCIA, L. - GRAHAM, B. - STEPHAN, H. Design, synthesis, characterisation and in vitro studies of hydrophilic, colloidally stable, Cu-64(II)-labelled, ultrasmall iron oxide nanoparticles in a range of human cell lines. In RSC ADVANCES. 2013, vol. 3, no. 44, p. 22443-22454., WOS

[2.1] SHETE, H.K. - VYAS, S.S. - PATRAVALE, V.B. - DISOUZA, J.I. Pulmonary Multifunctional Nano-Oncological Modules for Lung Cancer Treatment and Prevention. In JOURNAL OF BIOMEDICAL NANOTECHNOLOGY. SEP 2014, vol. 10, no. 9, SI, p. 1863-1893., WOS

ADDA04 TAKÁCS, Silvester. Properties of superfine superconducting filaments embedded in normal matrix. In *Czechoslovak journal of physics*, 1986, vol. 36, p. 524-536. ISSN 0011-4626.

Ohlasy:

[1.1] CORDOBA, R. - BATURINA, T.I. - SESE, J. - MIRONOV, A.Y. - DE TERESA, J.M. - IBARRA, M.R. - NASIMOV, D.A. - GUTAKOVSKII, A.K. - LATYSHEV, A.V. - GUILLAMON, I. - SUDEROW, H. - VIEIRA, S. - BAKLANOV, M.R. - PALACIOS, J.J. - VINOKUR, V.M. In NATURE COMMUNICATIONS. FEB 2013, vol. 4., WOS

[1.1] DE TERESA, J.M. - SESE, J. In FUNCTIONAL NANOSTRUCTURES FABRICATED BY FOCUSED ELECTRON/ION BEAM INDUCED DEPOSITION. 2014, p. 95-132., WOS

ADDA05 TAKÁCS, Silvester. Structure of the mixed state in type II superconductors and its connection with Josephson effects in long superconducting bridges. In *Czechoslovak journal of physics*, 1978, vol. 28, p. 1260. ISSN 0011-4626.

Ohlasy:
[1.1] KARAPETROV, G. - YEFREMENKO, V. - MIHAJLOVIC, G. - PEARSON, J.E. - IAVARONE, M. - NOVOSAD, V. - BADER, S.D. In PHYSICAL REVIEW B. AUG 30 2012, vol. 86, no. 5., WOS
[1.1] SUDEROW, H. - GUILLAMON, I. - RODRIGO, J. G. - VIEIRA, S. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUN 2014, vol. 27, no. 6., WOS

ADDA06 TAKÁCS, Silvester. The flux line lattice in superconducting slabs. In *Czechoslovak journal of physics*, 1983, vol. 33, p. 1248. ISSN 0011-4626.
Ohlasy:
[1.1] LUZHBIN, D.A. In JETP LETTERS. JUL 2011, vol. 93, no. 9, p. 508-511., WOS

ADE ADE

ADE01 SEILER, Eugen - GÖMÖRY, Fedor. Modeling of the flux penetration into a superconducting Strip with magnetic sheath. In *Journal of Physics: Conference Series*, 2006, vol. 43, 9-13. (2006 - WOS, SCOPUS). ISSN 1742-6588.
Ohlasy:
[1.2] Cicek, A., Inanir, F. Progress in Exergy, Energy, and the Environment Eds. Ibrahim Dincer, Adnan Midilli, Haydar Kucuk. Springer 2014. ISBN: 978-3-319-04680-8. P. 453-458, SCOPUS

ADEA Scientific papers in other foreign journals not registered in Current Contents Connect with IF (impacted)

ADEA01 ŠOUC, Ján - GÖMÖRY, Fedor - VOJENČIAK, Michal - FROLEK, Lubomír - ISFORT, D. - EHRENBERG, J. - BOCK, J. AC loss of the short coaxial superconducting cable model made from ReBCO coated tapes. In *Journal of Physics: Conference Series*, 2008, vol. 97, art. no. 012198. (2008 - WOS, SCOPUS). ISSN 1742-6588.
Ohlasy:
[1.1] MALOZEMOFF, A.P. In ANNUAL REVIEW OF MATERIALS RESEARCH, VOL 42. 2012, vol. 42, p. 373-397., WOS

ADEB Scientific papers in other foreign journals not registered in Current Contents Connect without IF (non-impacted)

ADEB01 ANTOŠOVÁ, Andrea - ŠIPOŠOVÁ, Katarína - KONERACKÁ, Martina - ZÁVIŠOVÁ, Vlasta - DAXNEROVÁ, Z. - VÁVRA, Ivo - FEDUNOVÁ, Diana - BÁGEĽOVÁ, Jaroslava - KOPČANSKÝ, Peter - GAŽOVÁ, Zuzana. Magnetic fluid — a novel approach to treat amyloid-related diseases. In *Physics Procedia*, 2010, vol. 9, p. 262-265. (2010 - WOS, SCOPUS). ISSN 1875-3892.
Ohlasy:
[1.1] LIU, R. - SU, R. - LIANG, M. - HUANG, R. - WANG, M. - QI, W. - HE, Z. In CURRENT MEDICINAL CHEMISTRY, 2012, vol. 19, no. 24, p. 4157-4174., WOS

ADEB02 BLAGOEV, B. - MATEEV, E. - ŠTRBÍK, Vladimír - NURGALIEV, T. - USPENSKAYA, L. Magnetron sputtering of polycrystalline LSMO/YBCO structures on sapphire substrates. In *Journal of Physics: Conference Series : 16th*

International Summer School on Vacuum, Electron, and Ion Technologies (VEIT 2009), 2010, vol. 223, art. no. 012015. (2010 - WOS, SCOPUS). ISSN 1742-6588.

Ohlasy:

[1.2] Chattopadhyay, S., Panda, J., Nath, T.K. Journal of Applied Physics 113 (2013), 194501, SCOPUS

ADEB03 ČIČO, Karol - GREGUŠOVÁ, Dagmar - GAŽI, Štefan - ŠOLTÝS, Ján - KUZMÍK, Ján - CARLIN, J.-F. - GRANDJEAN, N. - POGANY, D. - FRÖHLICH, Karol. Optimization of the ohmic contact processing in InAlN/GaN high electron mobility transistors for lower temperature of annealing. In *Physica Status Solidi C*, 2010, vol. 7, p. 108-111. (2010 - INSPEC, SCOPUS). ISSN 1862-6351.

Ohlasy:

[1.1] KIM, S. - RYOU, J.H. - DUPUIS, R.D. - KIM, H. In APPLIED PHYSICS LETTERS. FEB 4 2013, vol. 102, no. 5., WOS

[1.1] LEE, D.S. - LIU, Z.H. - PALACIOS, T. In JAPANESE JOURNAL OF APPLIED PHYSICS. OCT 2014, vol. 53, no. 10., WOS

ADEB04 FEDORKO, P. - SKÁKALOVÁ, V. - FOLTIN, O. - KOLENIC, F. - ŠMATKO, Vasilij. Carbon Onions: Optical investigations of electron beam irradiated carbon materials. In *Materials Science Forum*, 1995, vol. 191, p. 171-176. ISSN 0255-5476.

Ohlasy:

[1.1] BAMBHA, R.P. - DANSSON, M.A. - SCHRADER, P.E. - MICHELSEN, H.A. In APPLIED PHYSICS B-LASERS AND OPTICS. SEP 2013, vol. 112, no. 3, p. 343-358., WOS

ADEB05 FROLEK, Lubomír - ORAVEC, Július - ŠOUC, Ján. Impulse measurement at dynamic current-voltage curves of superconducting tape at various lengths and shapes of current waves. In *Journal of Physics: Conference Series*, 2008, vol. 97, art. no. 012085. (2008 - WOS, SCOPUS). ISSN 1742-6588.

Ohlasy:

[1.1] CISZEK, M. - TROJANOWSKI, S. In REVIEW OF SCIENTIFIC INSTRUMENTS. NOV 2011, vol. 82, no. 11., WOS

[1.1] DEGTYARENKO, P.N. - DUL'KIN, I.N. - FISHER, L.M. - KALINOV, A.V. - VOLOSHIN, I.F. - YAMPOL'SKII, V.A. In LOW TEMPERATURE PHYSICS. FEB 2011, vol. 37, no. 2, p. 101-106., WOS

ADEB06 GÖMÖRY, Fedor - ŠOUC, Ján - SEILER, Eugen - VOJENČIAK, Michal - GRANADOS, X. Modification of critical current in HTSC tape conductors by a ferromagnetic layer. In *Journal of Physics: Conference Series*, 2008, vol. 97, art. no. 012096. (2008 - WOS, SCOPUS). ISSN 1742-6588.

Ohlasy:

[1.2] Krüger, P. Optimisation of Hysteretic Losses in High-Temperature Superconducting Wires. PhD Thesis Karlsruhe: KIT Scientific Publishing, 2014. ISBN 978 3 73150 185 5 pp. 1-218, SCOPUS

ADEB07 GREGUŠOVÁ, Dagmar - KUČERA, Michal - HASENÖHRL, Stanislav - VÁVRA, Ivo - ŠTRICHOVANEC, Pavol - MARTAUS, Jozef - NOVÁK, Jozef. Impact of growth conditions on the spatial non-uniformities of composition in InGaP

epitaxial layers. In *Physica Status Solidi (C) : current topics in solid state physics*, 2007, vol. 4, p. 1419-1422. (2007 - INSPEC, SCOPUS). ISSN 1862-6351.

Ohlasy:

[1.1] SIMON, J. - TOMASULO, S. - SIMMONDS, P.J. - ROMERO, M. - LEE, M.L. In JOURNAL OF APPLIED PHYSICS. JAN 1 2011, vol. 109, no. 1., WOS

[1.1] TOMASULO, S. - YAUNG, K.N. - LEE, M.L. In IEEE JOURNAL OF PHOTOVOLTAICS. JAN 2012, vol. 2, no. 1, p. 56-61., WOS

ADEB08 HOTOVÝ, I. - HURAN, Jozef - SPIESS, L. - ROMANUS, H. - CAPONE, S. - REHACEK, V. - TAURINO, A.M. - DONOVAL, D. - SICILIANO, P. Au-NiO nanocrystalline thin films for sensor application. In *Journal of Physics: Conference Series*, 2007, vol. 61, p. 435-439. ISSN 1742-6588.

Ohlasy:

[1.1] CHRISTY, A.J. - UMADEVI, M. In MATERIALS RESEARCH BULLETIN. OCT 2013, vol. 48, no. 10, p. 4248-4254., WOS

[1.1] SAHOO, P. - MISRA, D.K. - SALVADOR, J. - MAKONGO, J.P.A. - CHAUBEY, G.S. - TAKAS, N.J. - WILEY, J.B. - POUDEU, P.F.P. In JOURNAL OF SOLID STATE CHEMISTRY. JUN 2012, vol. 190, p. 29-35., WOS

[1.2] Kumar, R., Baratto, C., Faglia, G., Sberveglieri, G., Bontempi, E., Borgese, L.: 2014 Lecture Notes in Electrical Engineering 268 LNEE, pp. 121-125, SCOPUS

ADEB09 HUDEC, Boris - HUŠEKOVÁ, Kristína - DOBROČKA, Edmund - LALINSKÝ, Tibor - AARIK, J. - AIDLA, A. - FRÖHLICH, Karol. High-permittivity metal-insulator-metal capacitors with TiO2 rutile dielectric and RuO2 bottom electrode. In *Institute of Physics Conference Series : Materials Science and Engineering*, 2010, vol. 8, 012024. (2010 - SCOPUS). ISSN 1757-8981.

Ohlasy:

[1.1] ALHOSHAN, M.S. - BAQAIS, A.A. - AL-HAZZA, M.I. - AL-MAYOUF, A.M. In ELECTROCHIMICA ACTA. FEB 15 2012, vol. 62, p. 390-395., WOS

[1.1] BHATTACHARYA, P. - SAHOO, S. - DAS, C.K. In EXPRESS POLYMER LETTERS. MAR 2013, vol. 7, no. 3, p. 212-223., WOS

[1.1] MAMALCHEL, A. - TYRSTED, C. - BOJESEN, E.D. - HALD, P. - IVERSEN, B.B. In CRYSTAL GROWTH & DESIGN. NOV 2013, vol. 13, no. 11, p. 4730-4734., WOS

[1.1] MATHEW, S. - PRASAD, A.K. - BENOY, T. - RAKESH, P.P. - HARI, M. - LIBISH, T.M. - RADHAKRISHNAN, P. - NAMPOORI, V.P.N. - VALLABHAN, C.P.G. In JOURNAL OF FLUORESCENCE. NOV 2012, vol. 22, no. 6, p. 1563-1569., WOS

[1.1] PADMANABHAN, R. - BHAT, N. - MOHAN, S. In PHYSICS OF SEMICONDUCTOR DEVICES. 2014, p. 37-39., WOS

[1.1] PARK, J.-Y. - YEO, S. - CHEON, T. - KIM, S.-H. - KIM, M.-K. - KIM, H. - HONG, T. E. - LEE, D.-J. In JOURNAL OF ALLOYS AND COMPOUNDS. OCT 15 2014, vol. 610, p. 529-539., WOS

[1.1] SHEN, Y.D. - LI, Y.W. - LI, W.M. - ZHANG, J.Z. - HU, Z.G. - CHU, J.H. In JOURNAL OF PHYSICAL CHEMISTRY C. FEB 9 2012, vol. 116, no.

5, p. 3449-3456., WOS

[1.1] WU, Y.H. - LIN, C.C. - HU, Y.C. - WU, M.L. - WU, J.R. - CHEN, L.L. In IEEE ELECTRON DEVICE LETTERS. AUG 2011, vol. 32, no. 8, p. 1107-1109., WOS

[1.1] YEN, C.F. - LEE, M.K. In SOLID-STATE ELECTRONICS. JUL 2012, vol. 73, p. 56-59., WOS

ADEB10 HURAN, Jozef - HOTOVÝ, I. - BALALYKIN, N.I. - STARIKOV, A.M. Physical and bonding characteristics of N-doped hydrogenated amorphous silicon carbide films grown by PECVD and annealed by pulsed electron beam. In *Journal of Physics: Conference Series*, 2007, vol. 61, p. 430-431. ISSN 1742-6588.

Ohlasy:

[1.1] JIN, C.G. - YU, T. - ZHAO, Y. - BO, Y. - WU, X.M. - ZHUGE, L.J. In PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES. AUG 2011, vol. 43, no. 10, p. 1863-1866., WOS

[1.1] SINGH, A.V. - CHANDRA, S. - KUMAR, S. - BOSE, G. In JOURNAL OF MICROMECHANICS AND MICROENGINEERING. FEB 2012, vol. 22, no. 2., WOS

ADEB11 JAKOVENKO, J. - LALINSKÝ, Tibor - DRŽÍK, Milan - IVANOVA, M. - VANKO, Gabriel - HUSÁK, M. GaN, GaAs and silicon based micromechanical free standing hot plates for gas sensing. In *Procedia Chemistry*, 2009, vol. 1, p. 804-807. (2009 - SCOPUS). ISSN 1876-6196.

Ohlasy:

[1.1] GRIESSLER, C. - BRUNET, E. - MAIER, T. - STEINHAUER, S. - KOCK, A. - JORDI, T. - SCHRANK, F. - SCHREMS, M. In MICROELECTRONIC ENGINEERING. AUG 2011, vol. 88, no. 8, p. 1779-1781., WOS

[1.1] VITTOZ, S. - RUFER, L. - REHDER, G. - HEINLE, U. - BENKART, P. In SENSORS AND ACTUATORS A-PHYSICAL. DEC 2011, vol. 172, no. 1, SI, p. 27-34., WOS

[1.2] Brunet, E., Mutinati, G.C., Steinhauer, S., Köck, A.: In Oxide Ultrathin Films. Weinheim: Wiley-VCH 2011 ISBN: 978-352733016-4 P. 239-263, SCOPUS

[1.2] Vittoz, S., Rufer, L., Rehder, G., Srnanek, R., Kovac, J. In Proceedings of the 4th IEEE International Workshop on Advances in Sensors and Interfaces, IWASI 2011 , art. no. 6004678 , pp. 17-20, SCOPUS

ADEB12 KLINČOK, Boris - GÖMÖRY, Fedor. Influence of gaps in monolayer superconducting cable on AC losses. In *Journal of Physics: Conference Series*, 2006, vol. 43, p. 897-900. (2006 - WOS, SCOPUS). ISSN 1742-6588.

Ohlasy:

[1.1] ROSTILA, L. - BRISIGOTTI, S. - GRASSO, G. In JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM. JAN 2011, vol. 24, no. 1-2, p. 313-317., WOS

[1.1] ROSTILA, L. - DEMENCIK, E. - SOUC, J. - BRISIGOTTI, S. - KOVAC, P. - POLAK, M. - GRASSO, G. - LYLY, M. - STENVALL, A. - TUMINO, A. - KOPERA, L. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 3, p. 3338-3341., WOS

ADEB13 KOVÁČ, Pavol - HUŠEK, Imrich - MELIŠEK, Tibor. MgB2 composite superconductors made by ex-situ and in-situ process. In *Advances in Science and Technology*, 2006, vol. 47, p. 131-136.

Ohlasy:

[1.1] NARDELLI, D. - MATERA, D. - VIGNOLO, M. - BOVONE, G. - PALENZONA, A. - SIRI, A.S. - GRASSO, G. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUL 2013, vol. 26, no. 7., WOS

ADEB14 KUZMÍK, Ján - POZZOVIVO, G. - CARLIN, J.-F. - GONSCHOREK, M. - FELTIN, E. - GRANDJEAN, N. - STRASSER, G. - POGANY, D. - GORNIK, E. Off-state breakdown in InAlN/GaN HEMTs. In *Physica Status Solidi (C) : current topics in solid state physics*, 2009, vol. 6, p. S925-S928. (2009 - INSPEC, SCOPUS). ISSN 1862-6351.

Ohlasy:

[1.1] LEE, H.S. - PIEDRA, D. - SUN, M. - GAO, X. - GUO, S.P. - PALACIOS, T. In IEEE ELECTRON DEVICE LETTERS. JUL 2012, vol. 33, no. 7, p. 982-984., WOS

[1.1] MENEGHESSO, G. - MENEGHINI, M. - ZANONI, E. In JAPANESE JOURNAL OF APPLIED PHYSICS. OCT 2014, vol. 53, no. 10., WOS

[1.1] OHI, K. - ASUBAR, J.T. - NISHIGUCHI, K. - HASHIZUME, T. In IEEE TRANSACTIONS ON ELECTRON DEVICES. OCT 2013, vol. 60, no. 10, SI, p. 2997-3004., WOS

[1.1] SAITO, H. - TAKADA, Y. - KURAGUCHI, M. - YUMOTO, M. - TSUDA, K. In PHYSICA STATUS SOLIDI C: CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 10, NO 5. 2013, vol. 10, no. 5, p. 824-826., WOS

[1.1] TANG, C. - SHI, J. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. DEC 2014, vol. 29, no. 12., WOS

[1.1] WATANABE, A. - FREEDSMAN, J. J. - ODA, R. - ITO, T. - EGAWA, T. In APPLIED PHYSICS EXPRESS. APR 2014, vol. 7, no. 4., WOS

[1.1] ZHOU, Q. - CHEN, H.W. - ZHOU, C.H. - FENG, Z.H. - CAI, S.J. - CHEN, K.J. In IEEE ELECTRON DEVICE LETTERS. JAN 2012, vol. 33, no. 1, p. 38-40., WOS

[1.1] ZHOU, Q. - CHEN, W.J. - LIU, S.H. - ZHANG, B. - FENG, Z.H. - CAI, S.J. - CHEN, K.J. In IEEE TRANSACTIONS ON ELECTRON DEVICES. MAR 2013, vol. 60, no. 3, p. 1075-1081., WOS

[1.1] ZHOU, Q. - CHEN, W.J. - LIU, S.H. - ZHANG, B. - FENG, Z.H. - CAI, S.J. - CHEN, K.J. In 2013 25TH INTERNATIONAL SYMPOSIUM ON POWER SEMICONDUCTOR DEVICES AND ICS (ISPSD). 2013, p. 195-198., WOS

[1.1] ZHOU, Q. - CHEN, W.J. - LIU, S.H. - ZHANG, B. - FENG, Z.H. - CAI, S.J. - CHEN, K.J. In GALLIUM NITRIDE AND SILICON CARBIDE POWER TECHNOLOGIES 3. 2013, vol. 58, no. 4, p. 351-363., WOS

[1.1] ZHOU, Q. - YANG, S. - CHEN, W. - ZHANG, B. - FENG, Z. - CAI, S. - CHEN, K. J. In SOLID-STATE ELECTRONICS. JAN 2014, vol. 91, p. 19-23., WOS

ADEB15 KUZMÍK, Ján - BYCHIKHIN, S. - PICHONAT, E. - GAQUIRE, Ch. - MORWAN, E. - KOHN, E. - TEYSSIER, J.-P. - POGANY, D. Self-heating phenomana in high-power III-N transistors and new thermal characterization

methods developed within EU project TARGET. In *International Journal of Microwave and Wireless Technologies*, 2009, vol. 1, p. 153-160. ISSN 1759-0787.

Ohlasy:

[1.1] YAN, Z. - LIU, G.X. - KHAN, J.M. - BALANDIN, A.A. In NATURE COMMUNICATIONS. MAY 2012, vol. 3., WOS

[1.2] Woo, H., Jo, Y., Kim, J., Roh, C., Lee, J., Kim, H., Hahn, C.-K., Park, J.: Current Applied Physics Vol. 14, Supplement 1, 14 (2014) S98–S102, SCOPUS

ADEB16 LALINSKÝ, Tibor - RÝGER, Ivan - VANKO, Gabriel - TOMÁŠKA, M. - KOSTIČ, Ivan - HAŠČÍK, Štefan - VALLO, Martin. AlGaN/GaN based SAW-HEMT structures for chemical gas sensors. In *Procedia Engineering : Proc. Eurosensors XXIV*, 2010, vol. 5, p. 152-155. (2010 - SCOPUS). ISSN 1877-7058.

Ohlasy:

[1.2] CALIENDO, Cinzia - LO CASTRO, Fabio. Advanced bulk and thin film materials for harsh environment MEMS applications. In Anti-Abrasive Nanocoatings: Current and Future Applications, 2014-12-18, pp. 430-453., SCOPUS

ADEB17 MITRÓOVÁ, Zuzana - KONERACKÁ, Martina - TOMAŠOVIČOVÁ, Natália - TIMKO, Milan - JADZYN, Jan - VÁVRA, Ivo - ÉBER, Nándor - FODOR-CSORBA, Katalin - TÓTH-KATONA, Tibor - VAJDA, Anikó - KOPČANSKÝ, Peter. Structural transitions in nematic liquid crystals doped with magnetite functionalized single walled carbon nanotubes. In *Physics Procedia*, 2010, vol. 9, p. 41-44. (2010 - WOS, SCOPUS). ISSN 1875-3892.

Ohlasy:

[1.1] AKSIMENTYEVA, Olena - MYKYTYUK, Zenoviy - FECHAN, Andrij - SUSHYNSKYY, Orest - TSIZH, Bohdan. Cholesteric Liquid Crystal Doped by Nanosize Magnetite as an Active Medium of Optical Gas Sensor. In MOLECULAR CRYSTALS AND LIQUID CRYSTALS. ISSN 1542-1406, 2014, vol. 589, no. 1, pp. 83., WOS

ADEB18 NGUYEN XUAN, H. - BEAUQUIS, S. - GALEZ, Ph. - CHADOUET, P. - JIMENEZ, C. - WEISS, F. - DECROUX, M. - THERASSE, M. - ŠTRBÍK, Vladimír - POLÁK, Milan - CHROMIK, Štefan. Tl-based superconducting films by spray pyrolysis and MOCVD. In *Journal of Physics: Conference Series*, 2006, vol. 43, p. 281-284. (2006 - WOS, SCOPUS). ISSN 1742-6588.

Ohlasy:

[1.1] XIE, Q.L. - YUE, H.W. - HUANG, Z.Q. - HUANG, G.H. - JI, L. - WANG, Z. - ZHAO, X.J. - FANG, L. - YAN, S.L. In NEW AND ADVANCED MATERIALS, PTS 1 AND 2. 2011, vol. 197-198, Part 1,2, p. 466-470., WOS

ADEB19 OSTERMAIER, C. - POZZOVIVO, G. - CARLIN, J.-F. - BASNAR, B. - SCHRENK, W. - AHN, S.-I. - DETZ, H. - KLANG, P. - ANDREWS, A.M. - DOUVRY, Y. - GAQUIERE, C. - DE JAEGER, J.-C. - TOTH, L. - PÉCZ, B. - GONSCHOREK, M. - FELTIN, E. - GRANDJEAN, N. - STRASSER, G. - POGANY, D. - KUZMÍK, Ján. Improvements of high performance 2-nm-thin InAlN/AlN barrier devices by interface engineering. In *AIP Conference Proceedings*, 2011, vol. 1399, p. 905-906. (2011 - SCOPUS). ISSN 0094-243X.

Ohlasy:
[1.1] DU, J. - PAN, P. - YAN, H. - YU, Q. In NANOSCIENCE AND NANOTECHNOLOGY LETTERS. SEP 2014, vol. 6, no. 9, p. 830-834., WOS

ADEB20 PITEL, Jozef - CHOVANEC, František - HENCL, V. Superconducting magnet system application at dry magnetic separation of coal. In *Magnetic and Electrical Separation*, 1992, vol. 4, p. 19.
Ohlasy:
[1.1] ZHANG, B. - AKBARI, H. - YANG, F. - MOHANTY, M.K. - HIRSCHI, J. In INTERNATIONAL JOURNAL OF COAL PREPARATION AND UTILIZATION. 2011, vol. 31, no. 3-4, p. 161-186., WOS

ADEB21 POLÁK, Milan - UŠÁK, E. - JANŠÁK, Lubomil - DEMENČÍK, Eduard - LEVIN, G.A. - BARNES, P.N. - WEHLER, D. - MOENTER, B. Coupling losses and transverse resistivity of multifilament YBCO coated. In *Journal of Physics: Conference Series*, 2006, vol. 43, p. 591-594. (2006 - WOS, SCOPUS). ISSN 1742-6588.
Ohlasy:
[1.1] AINSLIE, M.D. - YUAN, W.J. - FLACK, T.J. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2013, vol. 23, no. 3, 2., WOS

ADEB22 POLÁK, Milan - KVITKOVIČ, Jozef - FORMISANO, A. - MARTONE, R. Impact of experimental uncertainties on the reconstruction reliability for CCIC cable current. In *International Journal of Applied Electromagnetics and Mechanics*, 2007, vol. 26, p. 273-283.
Ohlasy:
[1.1] USAK, P. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. APR 2011, vol. 24, no. 4., WOS

ADEB23 POLICHETTI, M. - ZOLA, D. - HUŠEK, Imrich - KOVÁČ, Pavol - PACE, S. Effects of impurities addition in MgB2/Nb tapes on flux jumps instability and critical current density. In *Journal of Physics: Conference Series*, 2009, vol. 150, 052212. (2009 - WOS, SCOPUS). ISSN 1742-6588.
Ohlasy:
[1.1] WANG, Q.Y. - ZHANG, P.X. - YAN, G. - SULPICE, A. - XIONG, X.M. - YANG, F. - LIU, G.Q. - JIAO, G.F. - LI, C.S. In RARE METAL MATERIALS AND ENGINEERING. MAY 2013, vol. 42, no. 5, p. 881-884., WOS

ADEB24 POZZOVIVO, G. - KUZMÍK, Ján - GOLKA, S. - ČIČO, Karol - FRÖHLICH, Karol - CARLIN, J.-F. - GONSCHOREK, M. - GRANDJEAN, N. - SCHRENK, W. - STRASSER, G. - POGANY, D. Influence of GaN capping on performance of InAlN/AlN/GaN MOS-HEMT with Al2O3 gate insulation grown by CVD. In *Physica Status Solidi (C) : current topics in solid state physics*, 2008, vol. 5, p. 1956-1958. (2008 - INSPEC, SCOPUS). ISSN 1862-6351.
Ohlasy:
[1.1] DUTTA, G. - TURUVEKERE, S. - KARUMURI, N. - DASGUPTA, N. - DASGUPTA, A. In IEEE ELECTRON DEVICE LETTERS. NOV 2014, vol. 35, no. 11, p. 1085-1087., WOS

[1.1] HAHN, H. - ALAM, A. - HEUKEN, M. - KALISCH, H. - VESCAN, A. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. JUN 2012, vol. 27, no. 6., WOS

[1.1] WATANABE, A. - FREEDSMAN, J.J. - ODA, R. - ITO, T. - EGAWA, T. In APPLIED PHYSICS EXPRESS. APR 2014, vol. 7, no. 4., WOS

ADEB25 POZZOVIVO, G. - KUZMÍK, Ján - GIESEN, C. - HEUKEN, M. - LIDAY, J. - STRASSER, G. - POGANY, D. Low resistance ohmic contacts annealed at 600 °C on a InAlN/GaN heterostructure with SiCl4-reactive ion etching surface treatment. In *Physica Status Solidi (C) : current topics in solid state physics*, 2009, vol. 6, p. S999-S1002. (2009 - INSPEC, SCOPUS). ISSN 1862-6351.

Ohlasy:

[1.1] GEUM, D.M. - SHIN, S. - PARK, M.S. - JANG, J.H. In ELECTRONICS LETTERS. OCT 9 2014, vol. 50, no. 21, p. 1545-1546., WOS

[1.1] KIM, S. - KIM, H.J. - CHOI, S. - LOCHNER, Z. - RYOU, J.H. - DUPUIS, R.D. - AHN, K.S. - KIM, H. In JAPANESE JOURNAL OF APPLIED PHYSICS. OCT 2013, vol. 52, no. 10, 2, SI., WOS

[1.1] KIM, S. - RYOU, J.H. - DUPUIS, R.D. - KIM, H. In APPLIED PHYSICS LETTERS. FEB 4 2013, vol. 102, no. 5., WOS

[1.1] LIU, Y. - SINGH, S.P. - NGOO, Y.J. - KYAW, L.M. - BERA, M.K. - LO, Q.Q. - CHOR, E.F. In JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B. MAY 2014, vol. 32, no. 3., WOS

ADEB26 ROSTILA, L. - GRASSO, G. - DEMENČÍK, Eduard - TUMINO, A. - BRISIGOTTI, S. - KOVÁČ, Pavol. Low field critical current density of titanium sheathed magnesium diboride wires. In *Journal of Physics: Conference Series*, 2010, vol. 234, art. no. 022029. (2010 - WOS, SCOPUS). ISSN 1742-6588.

Ohlasy:

[1.1] LAHTINEN, V. - LYLY, M. - STENVALL, A. - TARHASAARI, T. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. NOV 2012, vol. 25, no. 11., WOS

ADEB27 SEILER, Eugen - ZIRNGIBL, T. - MIJATOVIC, N. - TRAEHOLT, C. - CHRISTENSEN, J. - ABRAHAMSEN, A. AC loss in superconducting wires operating in a wind turbine like generator. In *Journal of Physics: Conference Series*, 2010, vol. 234, art. no. 032051. (2010 - WOS, SCOPUS). ISSN 1742-6588.

Ohlasy:

[1.1] OGREN, M. - SORENSEN, M.P. - PEDERSEN, N.F. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. SEP 2012, vol. 479, p. 157-159., WOS

[1.1] SONG, H.H. - HUNTE, F. - SCHWARTZ, J. In ACTA MATERIALIA. DEC 2012, vol. 60, no. 20, p. 6991-7000., WOS

ADEB28 SEILER, Eugen - FROLEK, Lubomír. AC loss of the YBCO coated conductor in high magnetic fields. In *Journal of Physics: Conference Series*, 2008, vol. 97, art. no. 012028. (2008 - WOS, SCOPUS). ISSN 1742-6588.

Ohlasy:

[1.1] GUILLEMAUT, C. - VELAZQUEZ, J.J.E.H. - SUAREZ, A. In FUSION ENGINEERING AND DESIGN. DEC 2013, vol. 88, no. 12, p. 3312-3323., WOS

[1.1] KIM, G.H. - KIM, N. - KIM, K.M. - PARK, M. - YU, I.K. - LEE, S. - PARK, T.J. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2012, vol. 22, no. 3., WOS

ADEB29 ŠOUC, Ján - VOJENČIAK, Michal - GÖMÖRY, Fedor - GRANADOS, X. - USOV, A.I. - RUTT, A. AC loss of YBCO coated tape prepared by laser ablation. In *Journal of Physics: Conference Series*, 2006, vol. 43, p. 127-129. (2006 - WOS, SCOPUS). ISSN 1742-6588.

Ohlasy:

[1.1] METKUS, K.M. - OSOFSKY, M.S. - CHARIPAR, N.A. - PIQUE, A. In JOURNAL OF LASER MICRO NANOENGINEERING. JAN 2013, vol. 8, no. 1, p. 19-23., WOS

ADEB30 ŠTRBÍK, Vladimír - ŠPANKOVÁ, Marianna - REIFFERS, Marián - KOVÁČ, Jozef - BEŇAČKA, Štefan. Transport and magnetic properties of epitaxial LSMO thin films grown on MgO single-crystal substrates. In *Journal of Physics: Conference Series*, 2010, vol. 223, 012027. (2010 - WOS, SCOPUS). ISSN 1742-6588.

Ohlasy:

[1.1] MATEEV, E. - BLAGOEV, B. - NURGALIEV, T. In 17TH INTERNATIONAL SUMMER SCHOOL ON VACUUM, ELECTRON, AND ION TECHNOLOGIES (VEIT 2011). 2012, vol. 356., WOS

[1.1] MATEEV, E. - NURGALIEV, T. - BLAGOEV, B. In ACTA PHYSICA POLONICA A. ISSN 0587-4246, SEP 2014, vol. 126, no. 3, p. 787-789., WOS

ADEB31 TIMKO, Milan - DŽAROVÁ, Anežka - ZÁVIŠOVÁ, Vlasta - KONERACKÁ, Martina - ŠPRINCOVÁ, Adriana - KOPČANSKÝ, Peter - KOVÁČ, Jozef - VÁVRA, Ivo - SZLAFEREK, Andrzej. Magnetic properties of bacterial magnetosomes and chemosynthesized magnetite nanoparticles. In *Magnetohydrodynamics*, 2008, vol. 44, no. 2, p. 113-120. (2008 - WOS, SCOPUS). ISSN 0024-998X.

Ohlasy:

[1.1] BUTTNER, M. - WEBER, P. - LANG, C. - RODER, M. - SCHULER, D. - GORNERT, P. - SEIDEL, P. Examination of magnetite nanoparticles utilising the temperature dependent magnetorelaxometry. In JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS. ISSN 0304-8853, MAY 2011, vol. 323, no. 9, p. 1179-1184., WOS

ADEB32 VITANOV, S. - KUZMÍK, Ján - PALANKOVSKI, V. Study of the conduction properties of the n++ GaN cap layer in GaN/InAlN/GaN E-HEMTs. In *Annual Journal of Electronics*, 2011, p. 113-116. ISSN 1313-1842.

Ohlasy:

[1.1] GUO, H. - TANG, W. - ZHOU, W. - LI, C.M. In ADVANCED MATERIALS AND PROCESS TECHNOLOGY, PTS 1-3. 2012, vol. 217-219, 1-3, p. 2393-2396., WOS

ADFA Scientific papers in other domestic journals not registered in Current Contents Connect with IF (impacted)

ADFA01 CAMBEL, Vladimír - GREGUŠOVÁ, Dagmar - ELIÁŠ, Peter - FEDOR, Ján - KOSTIČ, Ivan - MAŇKA, Ján - BALLO, P. Switching magnetization magnetic force microscopy – an alternative to conventional lift-mode MFM. In *Journal of Electrical Engineering*, 2011, vol. 62, p. 37-43. (0.278 - IF2010). (2011 - INSPEC, SCOPUS). ISSN 1335-3632.

Ohlasy:

[1.1] SANDU, S. G. - PALADE, P. - SCHINTEIE, G. - BIRSAN, A. - TRUPINA, L. - KUNCSER, V. Tuning structural and magnetic properties of Fe films on Si substrates by hydrogenation processing. In MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS. ISSN 0921-5107, 2014, vol. 181, no., pp. 24-32., WOS

[9] SIKORA, A. Development and utilization of advanced atomic force microscopy techniques in diagnostics of the electrotechnical materials. Chosen problem.. In Prace Instytutu Elektrotechniki. 2012, no. 257, pp. 13-186., Google Scholar

ADFA02 FRÖHLICH, Karol - FEDOR, Ján - KOSTIČ, Ivan - MAŇKA, Ján - BALLO, P. Gadolinium scandate: next candidate for alternative gate dielelectric in CMOS technology? In *Journal of Electrical Engineering*, 2011, vol. 62, p. 54-56. (0.278 - IF2010). (2011 - INSPEC, SCOPUS). ISSN 1335-3632.

Ohlasy:

[1.1] ANGELA PAMPILLON, Maria - CARLOS FEIJOO, Pedro - SAN ANDRES, Enrique - LUISA LUCIA, Maria. Optimization of in situ plasma oxidation of metallic gadolinium thin films deposited by high pressure sputtering on silicon. In JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B. ISSN 1071-1023, 2013, vol. 31, no. 1, pp., WOS

[1.1] ANGELA PAMPILLON, Maria - CARLOS FEIJOO, Pedro - SAN ANDRES, Enrique. Electrical characterization of gadolinium oxide deposited by high pressure sputtering with in situ plasma oxidation. In MICROELECTRONIC ENGINEERING. ISSN 0167-9317, 2013, vol. 109, no., pp. 236-239., WOS

[1.1] FEIJOO, P. C. - PAMPILLON, M. A. - ANDRES, E. San - FIERRO, J. L. G. Gadolinium scandate by high-pressure sputtering for future generations of high-kappa dielectrics. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. ISSN 0268-1242, 2013, vol. 28, no. 8, pp., WOS

ADFA03 HOTOVÝ, I. - KOSTIČ, Ivan - HAŠČÍK, Štefan - ŘEHÁČEK, V. - LIDAY, J. - SITTER, H. Development and fabrication of TiO2 tip arrays for gas sensing. In *Journal of Electrical Engineering*, 2011, vol. 62, p. 363-366. (0.278 - IF2010). (2011 - INSPEC, SCOPUS). ISSN 1335-3632.

Ohlasy:

[1.1] HUANG, Yujian - PANDRAUD, Gregory - SARRO, Pasqualina M. The atomic layer deposition array defined by etch-back technique: a new method to fabricate TiO2 nanopillars, nanotubes and nanochannel arrays. In NANOTECHNOLOGY. ISSN 0957-4484, 2012, vol. 23, no. 48, pp., WOS

ADFA04 LIDAY, J. - VOGRINČIČ, P. - HOTOVÝ, I. - BONANNI, A. - SITTER, H. - LALINSKÝ, Tibor - VANKO, Gabriel - ŘEHÁČEK, V. - BREZA, J. - ECKE, G. Ohmic contacts to p-GaN using Au/Ni-Mg-O metallization. In *Journal of Electrical Engineering*, 2010, vol. 61, p. 378-381. (0.175 - IF2009). (2010 - INSPEC, SCOPUS). ISSN 1335-3632.

Ohlasy:
[1.1] MAGDENKO, L. - PATRIARCHE, G. - TROADEC, D. - MAUGUIN, O. - MORVAN, E. - DI FORTE-POISSON, M.A. - PANTZAS, K. - OUGAZZADEN, A. - MARTINEZ, A. - RAMDANE, A. In JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B. MAR 2012, vol. 30, no. 2., WOS

ADFA05 ŠTRBÍK, Vladimír - BEŇAČKA, Štefan - GAŽI, Štefan - ŠMATKO, Vasilij - CHROMIK, Štefan - LAURENČÍKOVÁ, Agáta - VÁVRA, Ivo. Effect of gallium focused ion beam irradiation on properties of YBa2Cu3Ox/La0,67Sr0,33MnO3 heterostructures. In *Journal of Electrical Engineering*, 2011, vol. 62, p. 109-113. (0.278 - IF2010). (2011 - INSPEC, SCOPUS). ISSN 1335-3632.
Ohlasy:
[1.1] CUI, A.J. - LI, W.X. - SHEN, T.H.H. - YAO, Y. - FENTON, J.C. - PENG, Y. - LIU, Z. - ZHANG, J.W. - GU, C.Z. In SCIENTIFIC REPORTS. AUG 13 2013, vol. 3., WOS
[1.1] POPOVIC, Z. - DOBROSAVLJEVIC-GRUJIC, L. - ZIKIC, R. In JOURNAL OF THE PHYSICAL SOCIETY OF JAPAN. NOV 2013, vol. 82, no. 11., WOS

ADFB Scientific papers in other domestic journals not registered in Current Contents Connect without IF (non-impacted)

ADFB01 ČERVENÁK, Ján - ŽIVČÁKOVÁ, A. - BUCH, Július. Structures and electrical properties of InSb thin films prepared by plasmatic sputtering. In *Czechoslovak journal of physics*, 1970, b Vol. 20, p. 84. ISSN 0011-4626.
Ohlasy:
[1.1] ZENS, T. - BECLA, P. - AGARWAL, A.M. - KIMERLING, L.C. - DREHMAN, A. In JOURNAL OF CRYSTAL GROWTH. NOV 1 2011, vol. 334, no. 1, p. 84-89., WOS

ADFB02 FLOROVIČ, M. - KORDOŠ, Peter - DONOVAL, D. - GREGUŠOVÁ, Dagmar - KOVÁČ, Ján. Performance of AlGaN/GaN heterostructure field – effect transistors at higher ambient temperatures. In *Journal of Electrical Engineering*, 2008, vol. 59, p. 53-56. (2008 - INSPEC, SCOPUS). ISSN 1335-3632.
Ohlasy:
[1.2] Wellekens, D. , Venegas, R., Kang, X., Zahid, M., Wu, T.-L., Marcon, D., Srivastava, P., Van Hove, M., Decoutere, S. European Solid-State Device Research Conference (2012) art. no. 6343393 , pp. 302, SCOPUS

ADFB03 HRIVNÁK, Ľubomír. The approximative formulas for longitudinal optical phonon energy and density in tetrahedrally coordinated AnB8-n crystals. In *Czechoslovak journal of physics B*, 1986, vol. 36, p. 771. ISSN 0011-4626.
Ohlasy:
[1.2] Ferris, K.F., Jones, D.M. IEEE Transactions on Nuclear Science 60 (2013), 6497533, pp. 1237-1242, SCOPUS

ADFB04 PŘIBIL, Jiří - ZAŤKO, Bohumír - FROLLO, Ivan - DUBECKÝ, František - ŠČEPKO, P. - MUDROŇ, J. Quantum imaging X–ray CT systems based on GaAs radiation detectors using perspective imaging reconstruction techniques. In *Measurement Science Review*, 2009, vol. 9, no. 1, p. 27-32. (2009 - WOS, SCOPUS, Copernicus International). ISSN 1335-8871.

Ohlasy:
[1.1] GROS D'AILLON, E. - AVENEL, M.-L. - FARCAGE, D. - VERGER, L. Development and characterization of a 3D GaAs X-ray detector for medical imaging. In NUCLEAR INSTRUMENTS AND METHODS IN PHYSICS RESEARCH, SECTION A: ACCELERATORS, SPECTROMETERS, DETECTORS AND ASSOCIATED EQUIPMENT. ISSN 0168-9002, 2013, vol. 727, p. 126-130., WOS
[1.1] JIN GUOFENG - ZHANG WEI - YANG ZHENGWEI - HUANG ZHIYONG - SONG YUANJIA - WANG DONGDONG - TIAN GAN. Image Segmentation of Thermal Waving Inspection based on Particle Swarm Optimization Fuzzy Clustering Algorithm. In MEASUREMENT SCIENCE REVIEW. ISSN 1335-8871, 2012, vol. 12, no. 6, p. 296-301., WOS
[1.1] WELLS, K. - BRADLEY, D.A. A review of X-ray explosives detection techniques for checked baggage. In APPLIED RADIATION AND ISOTOPES. ISSN 0969-8043, 2012, vol. 70, no. 8, p. 1729-1746., WOS
[3] AVENEL-LE GUERROUE, M.L. PhD Thesis. Grenoble: CEA - LETI - Direction de la Recherche Technologique, 2012.

ADFB05 PUDIŠ, D. - ŠKRINIAROVÁ, J. - MARTINČEK, I. - KOVÁČ, Jaroslav - TARJÁNYI, N. - HAŠČÍK, Štefan. Periodic structures patterned on metal and III-V compound surfaces using two-beam interference method. In *Journal of Electrical Engineering*, 2009, vol. 60, p. 166-169. (2009 - INSPEC, SCOPUS). ISSN 1335-3632.
Ohlasy:
[1.1] INDRISIUNAS, S. - VOISIAT, B. - GEDVILAS, M. - RACIUKAITIS, G. In JOURNAL OF MICROMECHANICS AND MICROENGINEERING. SEP 2013, vol. 23, no. 9., WOS

ADMB Scientific papers in foreign non-impacted journals registered in Web of Sciences or Scopus

ADMB01 EDWARDS, M.J. - LE BOULBAR, E.D. - VITTOZ, S. - VANKO, Gabriel - BRINKFELDT, K. - RUFER, L. - JOHANDER, P. - LALINSKÝ, Tibor - BOWEN, C.R. - ALLSOPP, D.W.E. Pressure and temperature dependence of GaN/AlGaN HEMT based sensors on a sapphire membrane. In *Physica status solidi C. Current topics in solid state physics*, 2012, vol. 9, p. 960-963. (2012 - SCOPUS). ISSN 1862-6351.
Ohlasy:
[1.1] FANG, J.Y. - HSU, C.P. - KANG, Y.W. - FANG, K.C. - REN, F. - WANG, Y.L. In STATE-OF-THE-ART PROGRAM ON COMPOUND SEMICONDUCTORS (SOTAPOCS) 55 -AND- LOW-DIMENSIONAL NANOSCALE ELECTRONIC AND PHOTONIC DEVICES 6. 2013, vol. 58, no. 8, p. 3-7., WOS
[1.1] FANG, J.Y. - LEE, G.Y. - CHYI, J.I. - HSU, C.P. - KANG, Y.W. - FANG, K.C. - KAO, W.L. - YAO, D.J. - HSU, C.H. - HUANG, Y.F. - CHEN, C.C. - LI, S.S. - YEH, J.A. - REN, F. - WANG, Y.L. In JOURNAL OF APPLIED PHYSICS. NOV 28 2013, vol. 114, no. 20., WOS

ADMB02 HURAN, Jozef - BALALYKIN, N.I. - SHIRKOV, G.D. - BOHÁČEK, Pavol - KOBZEV, A.P. - VALOVIČ, Albín - MALINOVSKÝ, Ľudovít - SEKÁČOVÁ, Mária. Characterization of nanocrystalline diamond/amorphous composite carbon

films prepared by PECVD technology. In *Physics Procedia*, 2012, vol. 32, p. 875-879. (2012 - SCOPUS). ISSN 1875-3892.

Ohlasy:

[1.1] ZHANG, X.Y. - SCHNEIDER, R. - MULLER, E. - MEE, M. - MEIER, S. - GUMBSCH, P. - GERTHSEN, D. Electron microscopic evidence for a tribologically induced phase transformation as the origin of wear in diamond. In JOURNAL OF APPLIED PHYSICS. FEB 14 2014, vol. 115, no. 6., WOS

ADMB03 PALANKOVSKI, V. - KUZMÍK, Ján. Promising new n++-GaN/InAlN/GaN HEMT concept for high-frequency applications. In *ECS Transactions*, 2012, vol. 50, p. 291-296. (2012 - WOS). ISSN 1938-5862.

Ohlasy:

[1.1] BHATTACHARJEE, A. - LENKA, T.R. In 2014 INTERNATIONAL CONFERENCE ON ELECTRONICS AND COMMUNICATION SYSTEMS (ICECS). 2014., WOS

ADMB04 SANZ, S. - ARLABAN, T. - MANZANAS, R. - TROPEANO, M - FUNKE, R. - KOVÁČ, Pavol - YANG, Y. - NEUMANN, H. - MONDESERT, B. Superconducting light generator for large offshore wind turbines. In *Journal of Physics: Conference Series*, 2014, vol. 507, 032040. (2014 - WOS, SCOPUS). ISSN 1742-6588.

Ohlasy:

[1.1] MAGNUSSON, N. - ABRAHAMSEN, A. B. - LIU, D. - RUNDE, M. - POLINDER, H. In PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS. NOV 15 2014, vol. 506, SI, p. 133-137., WOS

[1.1] MAGNUSSON, N. - LINDAU, S. - TAXT, H. - RUNDE, M. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. OCT 2014, vol. 27, no. 10., WOS

ADMB05 SEILER, Eugen - ABRAHAMSEN, A. - KOVÁČ, Ján - WICHMANN, M. - TRAEHOLT, C. Measurement of AC losses in a racetrack superconducting coil made from YBCO coated conductor. In *Physics Procedia*, 2012, vol. 36, p. 980-984. (2012 - SCOPUS). ISSN 1875-3892.

Ohlasy:

[1.1] IWAI, S. - MIYAZAKI, H. - TOSAKA, T. - TASAKI, K. - ISHII, Y. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2014, vol. 24, no. 3., WOS

ADNA Scientific papers in domestic impacted journals registered in Web of Sciences or Scopus

ADNA01 HURAN, Jozef - VALOVIČ, Albín - KUČERA, Michal - KLEINOVÁ, Angela - KOVÁČOVÁ, Eva - BOHÁČEK, Pavol - SEKÁČOVÁ, Mária. Hydrogenated amorphous silicon carbon nitride films prepared by PECVD technology: properties. In *Journal of Electrical Engineering*, 2012, vol. 65, p. 333-335. (0.370 - IF2011). (2012 - INSPEC, SCOPUS). ISSN 1335-3632.

Ohlasy:

[1.1] GANGOPADHYAY, U. - JANA, S. - DAS, S. - GHOSH, P. - MONDAL, A. In JOURNAL OF RENEWABLE AND SUSTAINABLE ENERGY. MAY 1 2013, vol. 5, no. 3., WOS

[1.1] IVASHCHENKO, V.I. - KOZAK, A.O. - PORADA, O.K. -

IVASHCHENKO, L.A. - SINELNICHENKO, O.K. - LYTVYN, O.S. - TOMILA, T.V. - MALAKHOV, V.J. Characterization of SiCN thin films: Experimental and theoretical investigations. In THIN SOLID FILMS. OCT 31 2014, vol. 569, p. 57-63., WOS

[1.2] Kozak, A.O., Ivashchenko, V.I., Porada, O.K., Ivashchenko, L.A., Tomila, T.V.: Journal of Nano- and Electronic Physics 6 (2014), 04047, SCOPUS

ADNA02 ŠTRBÍK, Vladimír - CHROMIK, Štefan. Characterization of electrical transport in LSMO with enhanced temperature of metal-insulator transition. In *Journal of Electrical Engineering*, 2012, vol. 63, p. 270-272. (0.370 - IF2011). (2012 - INSPEC, SCOPUS). ISSN 1335-3632.

Ohlasy:

[1.1] BARRIONUEVO, D. - ORTEGA, N. - KUMAR, A. - CHATTERJEE, R. - SCOTT, J.F. - KATIYAR, R.S. In JOURNAL OF APPLIED PHYSICS. DEC 21 2013, vol. 114, no. 23., WOS

[1.1] ZHU, H.W. - WANG, S.L. - LI, X.Y. In MODERN PHYSICS LETTERS B. JUL 10 2013, vol. 27, no. 17., WOS

AEC Scientific papers in foreign peer-reviewed proceedings, monographs

AEC01 BOHÁČEK, Pavol - HURAN, Jozef - KOBZEV, A.P. - BALALYKIN, N.I. - PETZOLD, J. PECVD silicon carbon nitrid thin films: properties. In *ASDAM 2008 : conference proceedings*. Editors Štefan Haščík, Jozef Osvald. - Piscataway, NJ : Institute of Electrical and Electronics Engineers, 2008, p. 291-294. ISBN 978-1-4244-2325-5.

Ohlasy:

[1.1] LIU, X. - ZHANG, L. - LIU, Y. - YE, F. - YIN, X. In CERAMICS INTERNATIONAL. APR 2014, vol. 40, no. 3, p. 5097-5102., WOS

[1.1] LIU, X.F. - ZHANG, L.T. - LIU, Y.S. - YE, F. - YIN, X.W. In CERAMICS INTERNATIONAL. MAY 2013, vol. 39, no. 4, p. 3971-3977., WOS

[1.1] LIU, Y. - LIU, X. - YE, F. - ZHANG, L. - CHENG, L. - YIN, X. In CERAMICS INTERNATIONAL. DEC 2014, vol. 40, no. 10, A, p. 15831-15839., WOS

AEC02 ELIÁŠ, Peter - GREGUŠOVÁ, Dagmar - ŠTRICHOVANEC, Pavol - KOSTIČ, Ivan - NOVÁK, Jozef. Deposition of AZ5214-E layers on non-planar substrates with a “draping” technique. In *ASDAM 2006 : proceedings of the 6th International Conference on Advanced Semiconductor Devices and Microsystems*. - Piscataway : IEEE, 2006, p. 97-100. ISBN 1-4244-0396-0.

Ohlasy:

[1.1] ANDOK, R. - BENCUROVA, A. - HRKUT, P. - KONECNIKOVA, A. - MATAY, L. - NEMEC, P. - SKRINIAROVA, J. THE AZ 5214E RESIST IN EBDW LITHOGRAPHY AND ITS USE AS A RIE ETCH-MASK IN ETCHING THIN AG LAYERS IN N-2 PLASMA. In JOURNAL OF ELECTRICAL ENGINEERING-ELEKTROTECHNICKY CASOPIS. NOV-DEC 2013, vol. 64, no. 6, p. 371-375., WOS

AEC03 FRANTA, Marek - ROSOVÁ, Alica - ŤAPAJNA, Milan - DOBROČKA, Edmund - FRÖHLICH, Karol. Microstructure of HfO2 and HfxSi1-xOy dielectric

films prepared on Si for advanced CMOS application. In *ASDAM 2006 : proceedings of the 6th International Conference on Advanced Semiconductor Devices and Microsystems*. - Piscataway : IEEE, 2006, p. 47-50. ISBN 1-4244-0396-0.

Ohlasy:

[1.1] CHANG, Y.H. - LIN, C.L. - WANG, T.Y. In MICROELECTRONIC ENGINEERING. AUG 2012, vol. 96, p. 61-66., WOS

AEC04 HUDEC, Boris - ŤAPAJNA, Milan - HUŠEKOVÁ, Kristína - AARIK, J. - AIDLA, A. - FRÖHLICH, Karol. Low equivalent oxide thickness metal/insulator/metal structures for DRAM applications. In *ASDAM 2008 : conference proceedings*. Editors Štefan Haščík, Jozef Osvald. - Piscataway, NJ : Institute of Electrical and Electronics Engineers, 2008, p. 123-126. ISBN 978-1-4244-2325-5.

Ohlasy:

[1.1] SIDDIQI, M.A. In DYNAMIC RAM: TECHNOLOGY ADVANCEMENTS. 2013, p. 155-188., WOS

AEC05 HUDEC, Boris - HRANAI, M. - HUŠEKOVÁ, Kristína - AARIK, J. - TARRE, A. - FRÖHLICH, Karol. Resistive switching in RuO2/TiO2/RuO2 MIM structures for non-volatile memory application. In *ASDAM 2010 : proceedings of the 8th International Conference on Advanced Semiconductor Devices and Microsystems*. Eds. J. Breza, D. Donoval and E. Vavrinský. - Piscataway : IEEE, 2010, p. 255-258. ISBN 978-1-4244-8572-7.

Ohlasy:

[1.2] Ho, P.W.C., Hatem, F.O., Almurib, H.A.F., Kumar, T.N. 2014 2nd International Conference on Electronic Design, ICED 2014 7015808, pp. 249-254, SCOPUS

AEC06 HUDEC, Boris - HUŠEKOVÁ, Kristína - AARIK, J. - TARRE, A. - KASIKOV, A. - FRÖHLICH, Karol. RuO2/TiO2 based MIM capacitors for DRAM application. In *ASDAM 2010 : proceedings of the 8th International Conference on Advanced Semiconductor Devices and Microsystems*. Eds. J. Breza, D. Donoval and E. Vavrinský. - Piscataway : IEEE, 2010, p. 341-344. ISBN 978-1-4244-8572-7.

Ohlasy:

[1.1] SIDDIQI, M.A. In DYNAMIC RAM: TECHNOLOGY ADVANCEMENTS. 2013, p. 155-188., WOS

AEC07 HURAN, Jozef - HOTOVÝ, I. - KOBZEV, A.P. - BALALYKIN, N.I. PECVD nitrogen doped a-SiC:H films: properties. In BREZA, J. - DONOVAL, D. *ASDAM 2002 : 4th International Conference on Advanced Semiconductor Devices and Applications*. - Piscataway : IEEE, 2002, p. 67. ISBN 0-7803-7276-X.

Ohlasy:

[1.1] KOECK, F.A.M. - NEMANICH, R.J. In JOURNAL OF APPLIED PHYSICS. DEC 1 2012, vol. 112, no. 11., WOS

AEC08 KORDOŠ, Peter - ALAM, A. - BETKO, Július - CHOW, P.P. - HEUKEN, M. - JAVORKA, P. - KOCAN, M. - MARSO, M. - MORVIC, Marian - HOVE, J. M. van. Material and device issues of GaN-based HEMTs. In *EDMO 2000 : 8th IEEE International Symposium on High Performance Electron Devices for Microwave*

and Optoelectronic Applications. - New York : IEEE PRESS, 2000, p. 61-66. ISBN 0-7803-6550-X.

Ohlasy:

[1.1] YIGLETU, F.M. - KHANDELWAL, S. - FJELDLY, T.A. - INIGUEZ, B. In IEEE TRANSACTIONS ON ELECTRON DEVICES. NOV 2013, vol. 60, no. 11, p. 3746-3752., WOS

AEC09 KORYTÁR, Dušan - DARMO, Juraj - DUBECKÝ, František - FERRARI, C. - STRZELECKA, S. - HRUBAN, A. - ŠATKA, A. Study of crystal defects in radiation detectors grade bulk semi-insulating GaAs. In *Proceedings of the 10th Conference on Semiconducting and Insulating Materials*. Eds.: Z. L. Weber, C. J. Miner. - Piscataway : IEEE, 1999, p. 331.

Ohlasy:

[3] Avenel-Le Guerroue, M.L.: PhD Thesis. Grenoble: CEA - LETI - Direction de la Recherche Technologique 2012.

AEC10 KUČERA, Michal - NOVÁK, Jozef. Photoluminescence characterization of Bismuth doped GaSb. In BREZA, J. - DONOVAL, D. *ASDAM 2002 : 4th International Conference on Advanced Semiconductor Devices and Applications*. - Piscataway : IEEE, 2002, p. 149. ISBN 0-7803-7276-X.

Ohlasy:

[1.1] SEGERCRANTZ, N. - KUJALA, J. - TUOMISTO, F. - SLOTTE, J. - SONG, Y. - WANG, S. In INTERNATIONAL CONFERENCE ON DEFECTS IN SEMICONDUCTORS 2013. 2014, vol. 1583, p. 174-177., WOS

[1.1] SEGERCRANTZ, N. - SLOTTE, J. - MAKKONEN, I. - KUJALA, J. - TUOMISTO, F. - SONG, Y. - WANG, S. In APPLIED PHYSICS LETTERS. AUG 25 2014, vol. 105, no. 8., WOS

AEC11 KUZMÍK, Ján - BLAHO, M. - POGANY, D. - GORNIK, E. - ALAM, A. - DIKME, Y. - HEUKEN, M. - JAVORKA, P. - MARSO, M. - KORDOŠ, Peter. Backgating, high-current and breakdown characterisation of AlGaN/GaN HEMTs on silicon substrates. In *ESSDERC 2003 : 33rd European Solid-State Device Research Conference*. - Estoril, 2003, p. 319-321.

Ohlasy:

[1.1] JARNDAL, A. - MARKOS, A.Z. - KOMPA, G. In IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES. MAR 2011, vol. 59, no. 3, p. 644-651., WOS

[1.1] SENGOUGA, N. - MEFTAH, A. - MEFTAH, A. - HENINI, M. In MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING. AUG 2014, vol. 24, p. 34-39., WOS

[1.1] ZHOU, H. - NG, G.I. - LIU, Z.H. - ARULKUMARAN, S. In APPLIED PHYSICS LETTERS. OCT 17 2011, vol. 99, no. 16., WOS

AEC12 KUZMÍK, Ján. Material and device issues of InAlN/GaN heterostructures. In *ASDAM 2012 : conference proceedings*. Eds. Š. Haščík, J. Osvald. - Piscataway : IEEE, 2012, p. 45-50. ISBN 978-1-4673-1195-3.

Ohlasy:

[1.1] JARDEL, O. - JACQUET, J.C. - BACZKOWSKI, L. - CARISETTI, D. - LANCEREAU, D. - OLIVIER, M. - AUBRY, R. - POISSON, M.A.D. - DUA, C. - PIOTROWICZ, S. - DELAGE, S.L. In INTERNATIONAL JOURNAL OF

MICROWAVE AND WIRELESS TECHNOLOGIES. DEC 2014, vol. 6, no. 6, SI, p. 565-572., WOS

[1.1] ROSSETTO, I. - RAMPAZZO, F. - MENEGHINI, M. - SILVESTRI, M. - DUA, C. - GAMARRA, P. - AUBRY, R. - DI FORTE-POISSON, M.A. - PATARD, O. - DELAGE, S.L. - MENEGHESSO, G. - ZANONI, E. In MICROELECTRONICS RELIABILITY. SEP-OCT 2014, vol. 54, no. 9-10, SI, p. 2248-2252., WOS

[1.1] ROSSETTO, I. - RAMPAZZO, F. - SILVESTRI, R. - ZANANDREA, A. - DUA, C. - DELAGE, S. - OUALLI, M. - MENEGHINI, M. - ZANONI, E. - MENEGHESSO, G. In MICROELECTRONICS RELIABILITY. SEP-NOV 2013, vol. 53, no. 9-11, SI, p. 1476-1480., WOS

[1.1] ZHOU, Y. - LIN, Z.J. - LUAN, C.B. - ZHAO, J.T. - YANG, Q.H. - YANG, M. - WANG, Y.T. - FENG, Z.H. - LV, Y.J. In SEMICONDUCTOR SCIENCE AND TECHNOLOGY. SEP 2014, vol. 29, no. 9., WOS

AEC13 KVITKOVIČ, Jozef - POLÁK, Milan. Cryogenic microsize Hall sensors. In *Applied Superconductivity : EUCAS 93*. 1.Vol. Editor H.C. Freyhardt. - Oberursel : DGM, 1993, p. 1629.

Ohlasy:

[1.1] BELLINA, F. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2012, vol. 22, no. 3., WOS

[1.1] SOLOVYOV, M. - GOMORY, F. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2011, vol. 21, no. 3, Part 3, p. 3277-3280., WOS

[1.1] SOLOVYOV, M. - PARDO, E. - SOUC, J. - GOMORY, F. - SKARBA, M. - KONOPKA, P. - PEKARCIKOVA, M. - JANOVEC, J. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. NOV 2013, vol. 26, no. 11., WOS

[1.1] SOLOVYOV, M. - SOUC, J. - GOMORY, F. In SUPERCONDUCTIVITY CENTENNIAL CONFERENCE 2011. 2012, vol. 36, p. 617-622., WOS

AEC14 KVITKOVIČ, Jozef. Hall generators. In *Proceedings of the CERN Accelerator School : 98-05*. - CERN, 1998, p. 233.

Ohlasy:

[1.1] WOLKENBERG, A. In MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING. OCT 2014, vol. 26, p. 343-345., WOS

AEC15 MORVIC, Marian. On the measurement of high resistance semiconductors by the van der Pauw method. In *ASDAM 2000 : 3rd International EuroConference on Advanced Semiconductor Devices and Microsystems*. Eds.: Jozef Osvald, Štefan Haščík, Ján Kuzmík, J. Breza. - Piscataway : IEEE, 2000, p. 327-330. ISBN 0-7803-5939-9.

Ohlasy:

[1.1] BORUP, K.A. - TOBERER, E.S. - ZOLTAN, L.D. - NAKATSUKASA, G. - ERRICO, M. - FLEURIAL, J.P. - IVERSEN, B.B. - SNYDER, G.J. In REVIEW OF SCIENTIFIC INSTRUMENTS. DEC 2012, vol. 83, no. 12., WOS

AEC16 OSVALD, Jozef. Influence of interface states on C-V characteristics of AlGaN/GaN heterostructures. In *ASDAM 2010 : proceedings of the 8th International Conference on Advanced Semiconductor Devices and Microsystems*. Eds. J. Breza, D. Donoval and E. Vavrinský. - Piscataway : IEEE, 2010, p. 167-170. ISBN 978-1-4244-8572-7.

Ohlasy:

[1.1] HARMATHA, L. - STUCHLIKOVA, L. - RACKO, J. - MAREK, J. - PECHACEK, J. - BENKO, P. - NEMEC, M. - BREZA, J. In APPLIED SURFACE SCIENCE. SEP 1 2014, vol. 312, p. 102-106., WOS

[1.1] KUMAR, M. - SHEU, G. - TSAI, J.R. - YANG, S.M. - GUO, Y.F. In CHINA SEMICONDUCTOR TECHNOLOGY INTERNATIONAL CONFERENCE 2012 (CSTIC 2012). 2012, vol. 44, no. 1, p. 1285-1289., WOS

[1.1] MOSTEFAOUI, M. - MAZARI, H. - AMEUR, K. - MANSOURI, S. - BENSEDDIK, N. - BENAMARA, Z. - KHELIFI, R. - BENYAHYA, N. - BLUET, J. M. - BRU-CHEVALLIER, C. - CHIKHAOUI, W. In JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS. JUL-AUG 2014, vol. 16, no. 7-8, p. 849-853., WOS

AEC17 OSVALD, Jozef. Simulation of influence of AlGaN/GaN heterojunction parameters on its capacitance curves. In *ASDAM 2008 : conference proceedings*. Editors Štefan Haščík, Jozef Osvald. - Piscataway, NJ : Institute of Electrical and Electronics Engineers, 2008, p. 319-322. ISBN 978-1-4244-2325-5.

Ohlasy:

[1.1] PARDESHI, H. - RAJ, G. - PATI, S. - MOHANKUMAR, N. - SARKAR, C.K. In SUPERLATTICES AND MICROSTRUCTURES. AUG 2013, vol. 60, p. 47-59., WOS

AEC18 STOKLAS, Roman - ČIČO, Karol - GREGUŠOVÁ, Dagmar - NOVÁK, Jozef - KORDOŠ, Peter. Preparation and properties of AlGaN/GaN MOSHFETs with MOCVD Al2O3 as gate oxide. In *ASDAM 2006 : proceedings of the 6th International Conference on Advanced Semiconductor Devices and Microsystems*. - Piscataway : IEEE, 2006, p. 249-252. ISBN 1-4244-0396-0.

Ohlasy:

[1.1] KONG, X. - WEI, K. - LIU, G.G. - LIU, X.Y. In CHINESE PHYSICS LETTERS. JUL 2012, vol. 29, no. 7., WOS

AEC19 STUCHLÍKOVÁ, Ľ. - ŠEBOK, J. - RYBÁR, J. - PETRUS, M. - NEMEC, M. - HARMATHA, L. - BENKOVSKÁ, J. - KOVÁČ, Ján - ŠKRINIAROVÁ, J. - LALINSKÝ, Tibor - PASKIEWICZ, R. - TLACZALA, M. Investigation of deep energy levels in heterostructures based on GaN by DLTS. In *ASDAM 2010 : proceedings of the 8th International Conference on Advanced Semiconductor Devices and Microsystems*. Eds. J. Breza, D. Donoval and E. Vavrinský. - Piscataway : IEEE, 2010, p. 135-138. ISBN 978-1-4244-8572-7.

Ohlasy:

[1.1] GOSWAMI, Arunesh - TREW, Robert J. - BILBRO, Griff L. In IEEE TRANSACTIONS ON ELECTRON DEVICES. APR 2014, vol. 61, no. 4, p. 1014-1021., WOS

AEC20 SUSLIK, L. - PUDIŠ, D. - ŠKRINIAROVÁ, J. - KOVÁČ, Ján - KOVÁČ, Jaroslav - KUBICOVA, I. - MARTINČEK, I. - JAKABOVIČ, J. - NOVÁK, Jozef.

Light emitting diode with 2D PhC structure in the surface analysed by NSOM. In *ASDAM 2010 : proceedings of the 8th International Conference on Advanced Semiconductor Devices and Microsystems*. Eds. J. Breza, D. Donoval and E. Vavrinský. - Piscataway : IEEE, 2010, p. 21-24. ISBN 978-1-4244-8572-7.

Ohlasy:

[1.1] LEE, W. - KIM, S. - KIM, D.-C. - O, B.-H. - PARK, S.-G. - LEE, S. G. In JOURNAL OF THE KOREAN PHYSICAL SOCIETY. FEB 2014, vol. 64, no. 3, p. 366-370., WOS

AEC21 ŤAPAJNA, Milan - DOBROČKA, Edmund - PASKALEVA, A. - HUŠEKOVÁ, Kristína - ATANASSOVA, E. - FRÖHLICH, Karol. Electrical characterization of Ru- and RuO2/Ta2O5 gate stacks for nanoscale DRAM technology. In *ASDAM 2008 : conference proceedings*. Editors Štefan Haščík, Jozef Osvald. - Piscataway, NJ : Institute of Electrical and Electronics Engineers, 2008, p. 267-270. ISBN 978-1-4244-2325-5.

Ohlasy:

[1.1] SIDDIQI, M. A. In DYNAMIC RAM: TECHNOLOGY ADVANCEMENTS. 2013, p. 189-242., WOS

AEE Scientific papers in foreign non peer-reviewed proceedings, monographs

AEE01 ELIÁŠ, Peter - KOSTIČ, Ivan - HASENÖHRL, Stanislav. Polar diagram of wet-etched (100) InP. In *14th Indium Phosphide and Related Materials Conference : Proceedings*. - Piscataway : IEEE, 2002, p. 229. ISBN 1092-8669.

Ohlasy:

[1.1] COHEN-ELIAS, D. - LAW, J. J. M. - CHIANG, H. W. - SIVANANTHAN, A. - ZHANG, C. - THIBEAULT, B. J. - MITCHELL, W. J. - LEE, S. - CARTER, A. D. - HUANG, C. -Y. - CHOBPATTANA, V. - STEMMER, S. - KELLER, S. - RODWELL, J. W. Formation of Sub-10 nm width InGaAs finFETs of 200 nm Height by Atomic Layer Epitaxy. In 2013 71ST ANNUAL DEVICE RESEARCH CONFERENCE (DRC). 2013., WOS

AEE02 CHOVANEC, František - HLÁSNIK, Ivan - PITEL, Jozef - HENCL, V. The removing of sulphur and ash from lignite coal by superconducting open-gradient separator. In *Proceedings of the 10th ICEC*. - Butherworthe, 1984, p. 813.

Ohlasy:

[1.1] ZHANG, B. - AKBARI, H. - YANG, F. - MOHANTY, M.K. - HIRSCHI, J. In INTERNATIONAL JOURNAL OF COAL PREPARATION AND UTILIZATION. 2011, vol. 31, no. 3-4, p. 161-186., WOS

AEE03 RUFER, L. - TORRES, A. - MIR, S. - ALAM, M.O. - LALINSKÝ, Tibor - CHAN, Y.C. SAW chemical sensors based on AlGaN/GaN piezoelectric material system: acoustic design and packaging considerations. In *2005 International Conference on Electronics Materials and Packaging : EMAP 2005*. - Tokyo : Tokyo Inst. of Technology, 2005, p. 204-208.

Ohlasy:

[1.1] TOSIC, D.V. - HRIBSEK, M.F. In MICROELECTRONICS INTERNATIONAL. ISSN 1356-5362, 2011, vol. 28, no. 2, p. 3-7., WOS

AEF Scientific papers in domestic non peer-reviewed proceedings, monographs

AEF01 GÖMÖRY, Fedor - CESNAK, Ladislav - KLABÍK, V. - PLECHÁČEK, Václav. Small superconducting solenoid wound from non-insulated unstabilized multifilamentary Nb3Sn conductor. In *Cryopraque 86*. - Praha : Inst. Inter. du Froid, 1986, s. 197.

Ohlasy:

[1.1] KIM, K. L. - HAHN, S. - KIM, Y. - YANG, D. G. - SONG, J.-B. - BASCUNAN, J. - LEE, H. - IWASA, Y. In IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY. JUN 2014, vol. 24, no. 3., WOS

[1.1] LEE, T. S. - HWANG, Y. Ji. - LEE, Ji. - LEE, W. S. - KIM, J. - SONG, S. H. - AHN, M. C. - KO, T. K. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. JUN 2014, vol. 27, no. 6., WOS

[1.1] SENATORE, C. - ALESSANDRINI, M. - LUCARELLI, A. - TEDIOSI, R. - UGLIETTI, D. - IWASA, Y. In SUPERCONDUCTOR SCIENCE & TECHNOLOGY. OCT 2014, vol. 27, no. 10., WOS

[1.1] UGLIETTI, D. - WESCHE, R. - BRUZZONE, P. In 11TH EUROPEAN CONFERENCE ON APPLIED SUPERCONDUCTIVITY (EUCAS2013), PTS 1-4. 2014, vol. 507., WOS

AFC Published papers from foreign scientific conferences

AFC01 MITRÓOVÁ, Zuzana - TOMAŠOVIČOVÁ, Natália - LANCZ, Gábor - KOVÁČ, Jozef - VÁVRA, Ivo - KOPČANSKÝ, Peter. Preparation and characterization of carbon nanotubes functionalized by magnetite nanoparticles. In *NANOCON 2010: 2nd international conference, October 12th - 14th 2010, Olomouc, Czech Republic : conference proceedings*. - Ostrava : TANGER Ltd., 2010, p. 388-392. ISBN 978-80-87294-19-2.

Ohlasy:

[1.1] Jiao, YN ; Ding, L ; Fu, SL ; Zhu, SH ; Li, H ; Wang, LB ANALYTICAL METHODS Volume: 4 Issue: 1 Pages: 291-298 DOI: 10.1039/c1ay05433c Published: JAN 2012 (Cit.: NANOCONNANOCON 2010 10 12), WOS

[1.1] Sharma, SP ; Farukh, M ; Chaturvedi, A ; Srivastava, AR ; Suryanarayana, MVS ; Jain, R SENSORS AND ACTUATORS B-CHEMICAL Volume: 161 Issue: 1 Pages: 414-421 DOI: 10.1016/j.snb.2011.10.053 Published: JAN 3 2012 (Cit.: NAN 2010 OL CZECH RENanocon 2010), WOS

AFC02 ŤAPAJNA, Milan - GREGUŠOVÁ, Dagmar - ČIČO, Karol - FEDOR, Ján - CARLIN, J.-F. - GRANDJEAN, N. - KILLAT, N. - KUBALL, M. - KUZMÍK, Ján. Early stage degradation of InAlN/GaN HEMTs during electrical stress. In *ASDAM 2012 : conference proceedings*. Eds. Š. Haščík, J. Osvald. - Piscataway : IEEE, 2012, p. 7-10. ISBN 978-1-4673-1195-3.

Ohlasy:

[1.1] ROSSETTO, I. - RAMPAZZO, F. - SILVESTRI, R. - ZANANDREA, A. - DUA, C. - DELAGE, S. - OUALLI, M. - MENEGHINI, M. - ZANONI, E. - MENEGHESSO, G. In MICROELECTRONICS RELIABILITY. SEP-NOV 2013, vol. 53, no. 9-11, SI, p. 1476-1480., WOS

AFC03 VALIK, L. - ŤAPAJNA, Milan - GUCMANN, Filip - FEDOR, Ján - ŠIFFALOVIČ, Peter - FRÖHLICH, Karol. Distribution of fixed charge in MOS structures with ALD grown Al2O3 studied by capacitance measurements. In

ASDAM 2012 : conference proceedings. Eds. Š. Haščík, J. Osvald. - Piscataway : IEEE, 2012, p. 227-230. ISBN 978-1-4673-1195-3.

Ohlasy:

[1.1] FREEDSMAN, J.J. - KUBO, T. - EGAWA, T. In IEEE TRANSACTIONS ON ELECTRON DEVICES. OCT 2013, vol. 60, no. 10, SI, p. 3079-3083., WOS

AFG Abstracts of papers from foreign conferences

AFG01 JURKOVIČ, Michal - GREGUŠOVÁ, Dagmar - HAŠČÍK, Štefan - BLAHO, Michal - ČIČO, Karol - PALANKOVSKI, V. - CARLIN, J.-F. - GRANDJEAN, N. - KUZMÍK, Ján. Polarization engineered normally-off GaN/InAlN/AlN/GaN HEMT. In *Interernational Workshop on Nitride Semiconductors*. - Sapporo, 2012.

Ohlasy:

[1.1] MIZUTANI, T. - YAMADA, H. - KISHIMOTO, S. - NAKAMURA, F. In JOURNAL OF APPLIED PHYSICS. JAN 21 2013, vol. 113, no. 3., WOS

FAI Editorial work on book publications (bibliographies, encyclopedias, catalogues, dictionaries, collective publications/proceedings, atlases ...)

FAI01 *Heterostructure Epitaxy and Devices - HEAD '97 : Proceedings of the Conference*. Eds.: P. Kordoš, Jozef Novák. Dordrecht : Kluwer Academic Publ., 1998. NATO ASI Series.

Ohlasy:

[1.1] NANDIPATI, G. - KARA, A. - SHAH, S.I. - RAHMAN, T.S. In JOURNAL OF COMPUTATIONAL PHYSICS. MAY 1 2012, vol. 231, no. 9, p. 3548-3560., WOS

[1.1] SBIAAI, K. - BOUGHALEB, Y. - BOUNOUAS, L. - SAHRAOUI, B. In 2013 15TH INTERNATIONAL CONFERENCE ON TRANSPARENT OPTICAL NETWORKS (ICTON 2013). 2013., WOS