

Publikácie / Publications

Institute: SAVELEK - Elektrotechnický ústav SAV
Year of publication 2016~2021

Statistics publication category

ABC	Chapters in scientific monographs published abroad	5
ADCA	Scientific papers in foreign journals registered in Current Contents Connect with IF (impacted)	354
ADDA	Scientific papers in domestic journals registered in Current Contents Connect with IF (impacted)	1
ADEB	Scientific papers in other foreign journals not registered in Current Contents Connect without IF (non-impacted)	8
ADMA	Scientific papers in foreign impacted journals registered in Web of Sciences or Scopus	8
ADMB	Scientific papers in foreign non-impacted journals registered in Web of Sciences or Scopus	81
ADNA	Scientific papers in domestic impacted journals registered in Web of Sciences or Scopus	5
ADNB	Scientific papers in domestic non-impacted journals registered in Web of Sciences or Scopus	2
AECA	Scientific papers in foreign peer-reviewed proceedings and shorter chapters in foreign scientific monographs or academic/university textbooks	1
AFA	Published invited papers from foreign scientific conferences	5
AFC	Published papers from foreign scientific conferences	12
AFD	Published papers from domestic scientific conferences	84
AFF	Abstracts of invited papers from domestic conferences	1
AFG	Abstracts of papers from foreign conferences	5
AFH	Abstracts of papers from domestic conferences	15
AGJ	Patent applications, utility model applications, design applications, trademark applications, applications for granting supplementary protection certificate, applications for registration of topographies of semiconductor products, designations of origin applications, geographical indications of goods and products applications, breeder's certificate applications	3
BEF	Professional papers in domestic proceedings (conference/non-conference; peer-reviewed/non-peer-reviewed)	1
DAI	Dissertations and habilitation theses	2
FAI	Editorial work on book publications (bibliographies, encyclopedias, catalogues, dictionaries, collective publications/proceedings, atlases ...)	2
GHG	Works published on the internet	1
GII	Other publications and documents which is not possible to categorize into classes/categories mentioned above	5
Count		601

ABC Chapters in scientific monographs published abroad

- ABC01 HULMAN, Martin**. Raman spectroscopy of graphene. In *Graphene : properties, preparation, characterization, and applications*. - Elsevier, 2021, p. 381-412. ISBN 978-0-08-102848-3.
- ABC02 KOVÁČ, Ján. AC losses in MgB₂ wires. In *MgB₂ superconducting wires*. - New Jersey : World Sci Publ., 2016, p. 419-438. ISBN 978-981-4725-58-3.
- ABC03 KOVÁČ, Pavol. Effect of mechanical load on J_c of MgB₂ wires. In *MgB₂ superconducting wires*. - New Jersey : World Sci Publ., 2016, p. 439-454. ISBN 978-981-4725-58-3.
- ABC04 ŠIFFALOVÍČ, Peter - VÉGSO, Karol - HODAS, Martin - JERGEL, Matej - HALAHOVETS, Yuriy - PELLETTA, Marco - KORYTÁR, Dušan - ZÁPRAŽNÝ, Zdenko - MAJKOVÁ, Eva. In situ x-ray reciprocal space mapping for characterization of nanomaterials. In *X-ray and neutron techniques for nanomaterials characterization*. - Berlin : Springer, 2016, p. 507-544. ISBN 978-3-662-48604-7. Dostupné na: https://doi.org/10.1007/978-3-662-48606-1_9
- ABC05 ŤAPAJNA, Milan - KOLLER, C. Reliability Issues in GaN electronic devices. In *Nitride semiconductor technology : power electronics and optoelectronic devices*. - Weinheim : Wiley-VCH, 2020, p. 199-253. ISBN 978-3-527-34710-0.

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

- ADCA01 ÁBEL, M. - ZÁCHENSKÁ, J. - DOBROČKA, Edmund - ZEMANOVÁ, Matilda**. Electrocatalytic properties of pulse plated Ni-W alloy coatings in alkaline electrolytes. In *Transactions of the Institute of Metal Finishing*, 2021, vol. 99, p. 23-28. (2020: 1.244 - IF, Q3 - JCR, 0.293 - SJR, Q3 - SJR, Current Contents - CCC). (2021 - Current Contents). ISSN 0020-2967. Dostupné na: <https://doi.org/10.1080/00202967.2020.1841453>
- ADCA02 ADIKIMENAKIS, A.** - CHATZOPOULOU, P. - DIMITRAKOPULOS, G.P. - KEHAGIAS, Th. - TSAGARAKI, K. - ANDROULIDAKI, M. - DOUNDOULAKIS, G. - KUZMÍK, Ján - GEORGAKILAS, A. Correlation of threading dislocations with the electron concentration and mobility in InN heteroepitaxial layers grown by MBE. In *ECS Journal of Solid State Science and Technology*, 2020, vol. 9, no. 015006. (2019: 2.142 - IF, Q3 - JCR, 0.521 - SJR, Q2 - SJR, Current Contents - CCC). (2020 - Current Contents). ISSN 2162-8769. Dostupné na: <https://doi.org/10.1149/2.0212001JSS>
- ADCA03 AINSLIE, M.D.** - GRILLI, F. - QUEVAL, L. - PARDO, Enric - PEREZ-MENDEZ, F. - MATAIRA, R. - MORANDI, A. - GHABELI, Asef - BUMBY, C. - BRAMBILLA, R. A new benchmark problem for electromagnetic modelling of superconductors: the high-T_c superconducting dynamo. In *Superconductor Science and Technology*, 2020, vol. 33, no. 105009. (2019: 3.067 - IF, Q2 - JCR, 0.991 - SJR, Q1 - SJR, Current Contents - CCC). (2020 - Current

Contents). ISSN 0953-2048. Dostupné na:
<https://doi.org/10.1088/1361-6668/abae04>

- ADCA04 ALPERN, H. - PERIYASAMY, M. - TANNOUS, J. - JUNG, G. - ZAYTSEVA, I. - ROSOVÁ, Alica - CHROMIK, Štefan - ŠTRBÍK, Vladimír - TALACKO, Marcel - YOCHELIS, S. - YACOBY, Y. - MILLO, O.** - PALTIEL, Y.**. Increasing the transition temperature of high-TC superconductor thin films by organic linking of gold nanoparticles. In *Journal of Superconductivity and Novel Magnetism*, 2020, vol. 33, p. 1941-1948. (2019: 1.244 - IF, Q4 - JCR, 0.293 - SJR, Q3 - SJR, Current Contents - CCC). (2020 - Current Contents, WOS, SCOPUS). ISSN 1557-1939. Dostupné na: <https://doi.org/10.1007/s10948-020-05450-0>
- ADCA05 AMARO, N. - ŠOUC, Ján - PARDO, Enric - MURTA-PINA, J. - MARTINS, J. - CEBALLOS, J.M. - GÖMÖRY, Fedor. AC losses in Bi-2223 single-pancake coils from 72 to 1152 Hz - modeling and measurements. In *IEEE Transactions on Applied Superconductivity*, 2016, vol. 26, no. 8202207. (2015: 1.092 - IF, Q3 - JCR, 0.403 - SJR, Q2 - SJR, Current Contents - CCC). (2016 - Current Contents, WOS, SCOPUS). ISSN 1051-8223. Dostupné na: <https://doi.org/10.1109/TASC.2016.2598770>
- ADCA06 AN, K. - BHAT, V.S. - MRUCZKIEWICZ, Michal - DUBS, C - GRUNDLER, D.**. Optimization of spin-wave propagation with enhanced group velocities by exchange-coupled ferrimagnet-ferromagnet bilayers. In *Physical Review Applied*, 2019, vol. 11, no. 034065. (2018: 4.532 - IF, Q1 - JCR, 1.940 - SJR, Q1 - SJR, Current Contents - CCC). (2019 - Current Contents). ISSN 2331-7019. Dostupné na: <https://doi.org/10.1103/PhysRevApplied.11.034065>
- ADCA07 ASUBAR, J.T.** - YATABE, Z. - GREGUŠOVÁ, Dagmar** - HASHIZUME, T. Controlling surface/interface states in GaN-based transistors: Surface model, insulated gate, and surface passivation. In *Journal of Applied Physics*, 2021, vol. 129, no. 121102. (2020: 2.546 - IF, Q2 - JCR, 0.699 - SJR, Q2 - SJR, Current Contents - CCC). (2021 - Current Contents). ISSN 0021-8979. Dostupné na: <https://doi.org/10.1063/5.0039564>
- ADCA08 BABCHENKO, Oleg - DZUBA, Jaroslav - LALINSKÝ, Tibor - VOJS, M. - VINCZE, A. - IZSÁK, Tibor - VANKO, Gabriel. Stability of AlGaIn/GaN heterostructures after hydrogen plasma treatment. In *Applied Surface Science*, 2017, vol. 395, p. 92-97. (2016: 3.387 - IF, Q1 - JCR, 0.958 - SJR, Q1 - SJR, Current Contents - CCC). (2017 - Current Contents). ISSN 0169-4332. Dostupné na: <https://doi.org/10.1016/j.apsusc.2016.06.105>
- ADCA09 BABCHENKO, Oleg** - VANKO, Gabriel - GERBOC, Michal - IZSÁK, Tibor - VOJS, M. - LALINSKÝ, Tibor - KROMKA, A. Study on electronic properties of diamond/SiNx-coated AlGaIn/GaN high electron mobility transistors operating up to 500 °C. In *Diamond and Related Materials*, 2018, vol. 89, p. 266-272. (2017: 2.232 - IF, Q2 - JCR, 0.686 - SJR, Q1 - SJR, Current Contents - CCC). (2018 - Current Contents). ISSN 0925-9635. Dostupné na: <https://doi.org/10.1016/j.diamond.2018.09.014>

- ADCA10 BALALYKIN, Nikolay I. - MINASHKIN, V.Ph. - NOZDRIN, Mikhail A. - SHIRKOV, G.D. - ZELENOGORSKII, V.V. - GACHEVA, E.I. - POTEOMKIN, A.K. - HURAN, Jozef. Electron gun with a transmission photocathode for the Joint Institute for Nuclear Research photoinjector. In *Physics-Uspekhi*, 2017, vol. 60, no. 10, p. 1051-1058. (2016: 2.301 - IF, Q1 - JCR, 0.848 - SJR, Q2 - SJR, Current Contents - CCC). (2017 - Current Contents). ISSN 1063-7869. Dostupné na: <https://doi.org/10.3367/UFNe.2017.03.038145>
- ADCA11 BALOG, Martin** - ROSOVÁ, Alica - SZUNDIOVÁ, Bronislava - OROVČÍK, Ľubomír - KRÍŽIK, Peter - ŠVEC, Peter Jr. - KULICH, Miloslav - KOPERA, Ľubomír - KOVÁČ, Pavol - HUŠEK, Imrich - IBRAHIM, Ahmed Mohamed Hassan. HITEMAL-an outer sheath material for MgB2 superconductor wires: The effect of annealing at 595-655 degrees C on the microstructure and properties. In *Materials and Design*, 2018, vol. 157, p. 12-23. (2017: 4.525 - IF, Q1 - JCR, 1.820 - SJR, Q1 - SJR, Current Contents - CCC). (2018 - Current Contents). ISSN 0261-3069. Dostupné na: <https://doi.org/10.1016/j.matdes.2018.07.033>
- ADCA12 BARELI, G. - CHROMIK, Štefan** - CAMERLINGO, C. - TALACKO, Marcel - ROSOVÁ, Alica - ŠPANKOVÁ, Marianna - ŠTRBÍK, Vladimír - SOJKOVÁ, Michaela - JUNG, G. Substrate influence on low energy electron beam processing of YBa2Cu3O7- δ thin films. In *Applied Surface Science*, 2021, vol. 535, no. 147624. (2020: 6.707 - IF, Q1 - JCR, 1.295 - SJR, Q1 - SJR, Current Contents - CCC). (2021 - Current Contents, WOS, SCOPUS). ISSN 0169-4332. Dostupné na: <https://doi.org/10.1016/j.apsusc.2020.147624>
- ADCA13 BENKEL, T. - LAO, M. - LIU, Y. - PARDO, Enric - WOLFTÄDLER, S. - REIS, T. - GRILLI, F.**. T-A-formulation to model electrical machines with HTS coated conductor coils. In *IEEE Transactions on Applied Superconductivity*, 2020, vol. 30, no. 5205807. (2019: 1.692 - IF, Q3 - JCR, 0.419 - SJR, Q2 - SJR, Current Contents - CCC). (2020 - Current Contents). ISSN 1051-8223. Dostupné na: <https://doi.org/10.1109/TASC.2020.2968950>
- ADCA14 BLAHO, Michal - GREGUŠOVÁ, Dagmar - HAŠČÍK, Štefan - ĽAPAJNA, Milan - FRÖHLICH, Karol - ŠATKA, A. - KUZMÍK, Ján. Annealing, temperature, and bias-induced threshold voltage instabilities in integrated E/D-mode InAlN/GaN MOS HEMTs. In *Applied Physics Letters*, 2017, vol. 111, art. no. 033506. (2016: 3.411 - IF, Q1 - JCR, 1.673 - SJR, Q1 - SJR, Current Contents - CCC). (2017 - Current Contents, WOS, SCOPUS). ISSN 0003-6951. Dostupné na: <https://doi.org/10.1063/1.4995235>
- ADCA15 BLAHO, Michal - GREGUŠOVÁ, Dagmar - HAŠČÍK, Štefan - SEIFERTO VÁ, Alena - ĽAPAJNA, Milan - ŠOLTÝS, Ján - ŠATKA, A. - NAGY, L. - CHVÁLA, A. - MAREK, J. - CARLIN, J.-F. - GRANDJEAN, N. - KONSTANTINIDIS, G. - KUZMÍK, Ján. Technology of integrated self-aligned E/D-mode n++GaN/InAlN/AlN/GaN MOS HEMTs for mixed-signal electronics. In *Semiconductor Science and Technology*, 2016, vol. 31, no. 065011. (2015: 2.098 - IF, Q2 - JCR, 0.844 - SJR, Q1 - SJR, Current Contents - CCC). (2016 - Current Contents). ISSN 0268-1242. Dostupné na: <https://doi.org/10.1088/0268-1242/31/6/065011>

- ADCA16 BODIK, Michal** - SOJKOVÁ, Michaela - HULMAN, Martin - ĎAPAJNA, Milan - TRUCHLY, Martin - VĚGSO, Karol - JERGEL, Matej - MAJKOVÁ, Eva - ŠPANKOVÁ, Marianna** - ŠIFFALOVÍČ, Peter. Friction control by engineering the crystallographic orientation of the lubricating few-layer MoS₂ films. In *Applied Surface Science*, 2021, vol. 540, no. 1, 148328. (2020: 6.707 - IF, Q1 - JCR, 1.295 - SJR, Q1 - SJR, Current Contents - CCC). (2021 - Current Contents, WOS, SCOPUS). ISSN 0169-4332. Dostupné na: <https://doi.org/10.1016/j.apsusc.2020.148328>
- ADCA17 BRNDIAROVÁ, Jana** - ŠIFFALOVÍČ, Peter - HULMAN, Martin - KÁLOSI, Anna - BODIK, Michal - SKÁKALOVÁ, V. - MIČUŠÍK, Matej - MARKOVIČ, Zoran M. - MAJKOVÁ, Eva - FRÖHLICH, Karol. Functionalized graphene transistor for ultrasensitive detection of carbon quantum dots. In *Journal of Applied Physics*, 2019, vol. 126, no. 214303. (2018: 2.328 - IF, Q2 - JCR, 0.746 - SJR, Q2 - SJR, Current Contents - CCC). (2019 - Current Contents). ISSN 0021-8979. Dostupné na: <https://doi.org/10.1063/1.5120757>
- ADCA18 BRUNCKO, J.** - KOVÁČ, Jaroslav - MICHÁLKA, M. - NETRVALOVÁ, M. - KOVÁČ, Jaroslav Jr. - VINCZE, A. - NOVÁK, Jozef. Electrical and optical properties of thin ZnO shell layers on GaP nanorods grown by pulsed laser deposition. In *Thin Solid Films*, 2021, vol. 725, no. 138634. (2020: 2.183 - IF, Q3 - JCR, 0.544 - SJR, Q2 - SJR, Current Contents - CCC). (2021 - Current Contents). ISSN 0040-6090. Dostupné na: <https://doi.org/10.1016/j.tsf.2021.138634>
- ADCA19 BRUNNER, Boris - ROSOVÁ, Alica - KOVÁČ, Pavol - REISSNER, M. - DOBROČKA, Edmund. Effect of Dy₂O₃ doping on phase formation and properties of MgB₂ wires made by the modified internal magnesium diffusion process. In *Superconductor Science and Technology*, 2017, vol. 30, art. no. 025004. (2016: 2.878 - IF, Q2 - JCR, 0.967 - SJR, Q1 - SJR, Current Contents - CCC). (2017 - Current Contents). ISSN 0953-2048. Dostupné na: <https://doi.org/10.1088/0953-2048/30/2/025004>
- ADCA20 BRUNNER, Boris - REISSNER, M. - KULICH, Miloslav - KOVÁČ, Pavol. Magnetic studies of MgB₂ prepared by internal magnesium diffusion with various doping. In *IEEE Transactions on Applied Superconductivity*, 2016, vol. 26, art. no. 6201205. (2015: 1.092 - IF, Q3 - JCR, 0.403 - SJR, Q2 - SJR, Current Contents - CCC). (2016 - Current Contents, WOS, SCOPUS). ISSN 1051-8223. Dostupné na: <https://doi.org/10.1109/TASC.2016.2529420>
- ADCA21 BRUNNER, Boris - KOVÁČ, Pavol - ROSOVÁ, Alica - REISSNER, M. - DOBROČKA, Edmund. Properties of MgB₂ wires doped with BaZrO₃ nanopowder made by a modified internal magnesium diffusion process. In *Superconductor Science and Technology*, 2017, vol. 30, art. no. 115003. (2016: 2.878 - IF, Q2 - JCR, 0.967 - SJR, Q1 - SJR, Current Contents - CCC). (2017 - Current Contents). ISSN 0953-2048. Dostupné na: <https://doi.org/10.1088/1361-6668/aa847e>
- ADCA22 BRYTAVSKYI, I.V. - HUŠEKOVÁ, Kristína - MYNDRUL, V. - PAVLENKO, M. - COY, E. - ZALESKI, K. - GREGUŠOVÁ, Dagmar - YATE, L. - SMYNTYNA, V. - IATSUNSKYI, I.**. Effect of porous silicon substrate on structural, mechanical and optical properties of MOCVD and ALD ruthenium oxide

nanolayers. In *Applied Surface Science*, 2019, vol. 471, p. 686-693. (2018: 5.155 - IF, Q1 - JCR, 1.115 - SJR, Q1 - SJR, Current Contents - CCC). (2019 - Current Contents, WOS, SCOPUS). ISSN 0169-4332. Dostupné na: <https://doi.org/10.1016/j.apsusc.2018.12.022>

ADCA23 BUBLIKOV, Konstantin** - TÓBIK, Jaroslav - SADOVNIKOV, A.V. - MRUCZKIEWICZ, Michal**. Vortex gyrotropic mode in curved nanodots. In *Journal of Magnetism and Magnetic Materials*, 2021, vol. 537, no. 168105. (2020: 2.993 - IF, Q2 - JCR, 0.665 - SJR, Q2 - SJR, Current Contents - CCC). (2021 - Current Contents, WOS, SCOPUS). ISSN 0304-8853. Dostupné na: <https://doi.org/10.1016/j.jmmm.2021.168105>

ADCA24 BÚRAN, Marek** - VOJENČIAK, Michal - MOŠAŤ, Marek - GHABELI, Asef - SOLOVYOV, Mykola - PEKARČÍKOVÁ, M. - KOPERA, Ľubomír - GÖMÖRY, Fedor. Impact of a REBCO coated conductor stabilization layer on the fault current limiting functionality. In *Superconductor Science and Technology*, 2019, vol. 32, no. 095008. (2018: 2.489 - IF, Q2 - JCR, 0.879 - SJR, Q1 - SJR, Current Contents - CCC). (2019 - Current Contents). ISSN 0953-2048. Dostupné na: <https://doi.org/10.1088/1361-6668/ab2c8e>

ADCA25 BÚRAN, Marek** - KOVÁČ, Pavol - KOPERA, Ľubomír - MELIŠEK, Tibor. I-V characteristics of MgB₂ conductors with different metallic sheaths. In *Cryogenics*, 2021, vol. 120, no. 103370. (2020: 2.226 - IF, Q3 - JCR, 0.669 - SJR, Q2 - SJR, Current Contents - CCC). (2021 - Current Contents). ISSN 0011-2275. Dostupné na: <https://doi.org/10.1016/j.cryogenics.2021.103370>

ADCA26 BYSTRITSKY, V.M. - DUDKIN, G.N. - KRYLOV, A.R. - GAŽI, Štefan - HURAN, Jozef - NECHAEV, B.A. - PADALCO, V.N. - SADOVSKY, A.B. - TULEUSHEV, Yu.Zh. - FILIPOWICZ, M. - PHILIPPOV, A.V. A method for investigation of the D(4He, γ)⁶Li reaction in the ultralow energy region under a high background. In *Nuclear Instruments and Methods in Physics Research A. Accelerators, Spectrometers, Detectors and Associated Equipment*, 2016, vol. 825, p. 24-30. (2015: 1.200 - IF, Q2 - JCR, 0.965 - SJR, Q1 - SJR, Current Contents - CCC). (2016 - Current Contents). ISSN 0168-9002. Dostupné na: <https://doi.org/10.1016/j.nima.2016.04.034>

ADCA27 CAPONE, S.** - HOFBAUEROVÁ, Monika, Benkovičová - FORLEO, A. - JERGEL, Matej - MANERA, M.G. - ŠIFFALOVIC, Peter - TAURINO, A. - MAJKOVÁ, Eva - SICILIANO, P. - VÁVRA, Ivo - LUBY, Štefan - RELLA, R. Palladium/gamma-Fe₂O₃ nanoparticle mixtures for acetone and NO₂ gas sensors. In *Sensors and Actuators B*, 2017, vol. 243, p. 895-903. (2016: 5.401 - IF, Q1 - JCR, 1.343 - SJR, Q1 - SJR, Current Contents - CCC). (2017 - Current Contents). ISSN 0925-4005. Dostupné na: <https://doi.org/10.1016/j.snb.2016.12.027>

ADCA28 CENTALA, G. - SOKOLOVSKYY, M.L. - DAVIES, C.S. - MRUCZKIEWICZ, Michal - MAMICA, S. - RYCHLY, J. - KLOS, J.W.** - KRUGLYAK, V.V. - KRAWCZYK, M. Influence of nonmagnetic dielectric spacers on the spin-wave response of one-dimensional planar magnonic crystals. In *Physical Review B*, 2019, vol. 100, p. 224428. (2018: 3.736 - IF, Q1 - JCR, 1.502 - SJR, Q1 -

SJR, Current Contents - CCC). (2019 - Current Contents, WOS, SCOPUS). ISSN 1550-235X. Dostupné na: <https://doi.org/10.1103/PhysRevB.100.224428>

- ADCA29 CIGÁŇ, Alexander - LOBOTKA, Peter - DVUREČENSKIJ, Andrej - ŠKRÁTEK, Martin - RADNÓCZI, G. - MAJEROVÁ, Melinda - CZIGÁNY, Zs. - MAŇKA, Ján** - VÁVRA, Ivo - MIČUŠÍK, Matej. Characterization and magnetic properties of nickel and nickel-iron nanoparticle colloidal suspensions in imidazolium-based ionic liquids prepared by magnetron sputtering. In *Journal of Alloys and Compounds*, 2018, vol. 768, p. 625-634. (2017: 3.779 - IF, Q1 - JCR, 1.020 - SJR, Q1 - SJR, Current Contents - CCC). (2018 - Current Contents, WOS, SCOPUS). ISSN 0925-8388. Dostupné na: <https://doi.org/10.1016/j.jallcom.2018.07.205>
- ADCA30 CUBERO, A.** - NAVARRO, R. - KOVÁČ, Pavol - KOPERA, Ľubomír - RINDFLEISCH, M. - MARTINEZ, E. Quench dynamics in MgB₂ Rutherford cables. In *Superconductor Science and Technology*, 2018, vol. 31, no. 045009. (2017: 2.861 - IF, Q2 - JCR, 1.036 - SJR, Q1 - SJR, Current Contents - CCC). (2018 - Current Contents). ISSN 0953-2048. Dostupné na: <https://doi.org/10.1088/1361-6668/aab0c1>
- ADCA31 DADHICH, Anang - PARDO, Enric**. Modeling cross-field demagnetization of superconducting stacks and bulks for up to 100 tapes and 2 million cycles. In *Scientific Reports*, 2020, vol. 10, no. 19265. (2019: 3.998 - IF, Q1 - JCR, 1.341 - SJR, Q1 - SJR, Current Contents - CCC). (2020 - Current Contents, WOS, SCOPUS). ISSN 2045-2322. Dostupné na: <https://doi.org/10.1038/s41598-020-76221-z>
- ADCA32 DADHICH, Anang - PARDO, Enric** - KAPOLKA, Milan. Time constant of the transverse-field demagnetization of superconducting stacks of tapes. In *Superconductor Science and Technology*, 2020, vol. 33, no. 6, no. 065003. (2019: 3.067 - IF, Q2 - JCR, 0.991 - SJR, Q1 - SJR, Current Contents - CCC). (2020 - Current Contents). ISSN 0953-2048. Dostupné na: <https://doi.org/10.1088/1361-6668/ab877b>
- ADCA33 DILNA, Nataliya - FEČKAN, Michal** - SOLOVYOV, Mykola. D-Stability of the Initial Value Problem for Symmetric Nonlinear Functional Differential Equations. In *Symmetry-basel*, 2020, vol. 12, no. 1761, p. 1-19. (2019: 2.645 - IF, Q2 - JCR, 0.365 - SJR, Q2 - SJR, Current Contents - CCC). (2020 - Current Contents). ISSN 2073-8994. Dostupné na: <https://doi.org/10.3390/sym12111761>
- ADCA34 DILNA, Nataliya** - FEČKAN, Michal - SOLOVYOV, Mykola - WANG, JinRong. Symmetric nonlinear functional differential equations at resonance. In *Electronic Journal of Qualitative Theory of Differential Equations*, 2019, no. 76, p. 1-16. (2018: 1.065 - IF, Q1 - JCR, 0.482 - SJR, Q2 - SJR, Current Contents - CCC). (2019 - Current Contents). ISSN 1417-3875. Dostupné na: <https://doi.org/10.14232/ejqtde.2019.1.76>
- ADCA35 DOBROČKA, Edmund** - HASENÖHRL, Stanislav - CHAUHAN, Prerna - KUZMÍK, Ján. Non-conventional scans in high-resolution X-ray diffraction analysis of epitaxial systems. In *Applied Surface Science*, 2018, vol. 461, p. 23-32. (2017:

4.439 - IF, Q1 - JCR, 1.093 - SJR, Q1 - SJR, Current Contents - CCC). (2018 - Current Contents, WOS, SCOPUS). ISSN 0169-4332. Dostupné na: <https://doi.org/10.1016/j.apsusc.2018.07.009>

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