

Publikácie / Publications

Institute: SAVFYZIK - Fyzikálny ústav SAV
Year of publication 2016~2021

Statistics publication category

AAB	Scientific monographs published in Slovak publishing houses	1
ABC	Chapters in scientific monographs published abroad	2
ABD	Chapters in scientific monographs published in Slovak publishing houses	1
ADCA	Scientific papers in foreign journals registered in Current Contents Connect with IF (impacted)	531
ADCB	Scientific papers in foreign journals registered in Current Contents Connect without IF (non-impacted)	2
ADDA	Scientific papers in domestic journals registered in Current Contents Connect with IF (impacted)	13
ADEB	Scientific papers in other foreign journals not registered in Current Contents Connect without IF (non-impacted)	16
ADFB	Scientific papers in other domestic journals not registered in Current Contents Connect without IF (non-impacted)	4
ADMA	Scientific papers in foreign impacted journals registered in Web of Sciences or Scopus	13
ADMB	Scientific papers in foreign non-impacted journals registered in Web of Sciences or Scopus	99
ADNA	Scientific papers in domestic impacted journals registered in Web of Sciences or Scopus	8
ADNB	Scientific papers in domestic non-impacted journals registered in Web of Sciences or Scopus	7
AECA	Scientific papers in foreign peer-reviewed proceedings and shorter chapters in foreign scientific monographs or academic/university textbooks	1
AFB	Published invited papers from domestic scientific conferences	5
AFC	Published papers from foreign scientific conferences	6
AFD	Published papers from domestic scientific conferences	14
AFE	Abstracts of invited papers from foreign conferences	2
AFG	Abstracts of papers from foreign conferences	18
AFH	Abstracts of papers from domestic conferences	28
AFK	Foreign conferences posters	1
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	2
BBB	Chapters in professional books published in Slovak publishing houses	1

BDF	Professional papers in other domestic journals (not registered in CCC)	4
DAI	Dissertations and habilitation theses	1
EAJ	Professional book translations	1
FAI	Editorial work on book publications (bibliographies, encyclopedias, catalogues, dictionaries, collective publications/proceedings, atlases ...)	11
GHG	Works published on the internet	2
GII	Other publications and documents which is not possible to categorize into classes/categories mentioned above	58
Count		852

AAB Scientific monographs published in Slovak publishing houses

AAB01 LUBY, Štefan. *Nanosvet na dlani* [The Nanoworld in the palm of your hand]. Bratislava : Veda, 2016. 178 s. ISBN 978-80-224-1548-4

ABC Chapters in scientific monographs published abroad

ABC01 LUBY, Štefan - LUBYOVÁ, Martina. Nanoethics - A way of humanization of technology for the common benefit. In *Learning To Live Together: Promoting Social Harmony*. - Cham : Springer International Publishing, 2019, p. 189-203. ISBN 978-3-319-90658-4. Dostupné na: https://doi.org/10.1007/978-3-319-90659-1_21

ABC02 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

ABD Chapters in scientific monographs published in Slovak publishing houses

ABD01 DOKUPILOVÁ, Dušana - LUBY, Štefan. Meniace sa zaťaženie chorobami a riziká pandémie : 3. kapitola. In *Globálne megatrendy : Hodnotenie a výzvy z pohľadu Slovenskej republiky* [online]. - Bratislava : Centrum spoločenských a psychologických vied, 2016, s. 46-61. ISBN 978-80-970850-2-5. Dostupné na internete: https://www.prog.sav.sk/wp-content/uploads/Global_Megatrends_from_Slovak_Point_of_View_06.pdf

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

ADCA01 ABOLGHASEM, Mojgan - ALEXA, Petr - REPKO, Anton - REINHARD, Paul-Gerhard. Evolution of nuclear shapes and structure in tellurium, xenon, barium and cerium isotopes. In *Acta Physica Polonica B*, 2019, vol. 50, no. 3, p. 555-560. (2018: 0.609 - IF, Q4 - JCR, 0.296 - SJR, Q3 - SJR, Current Contents - CCC). (2019 - Current Contents). ISSN 0587-4254. Dostupné na: <https://doi.org/10.5506/APhysPolB.50.555>

- ADCA02 ADACHI, Yuuki - WEN, Fei Huan - ZHANG, Quanzhen - MIYAZAKI, Masato - SUGAWARA, Yasuhiro - SANG, Hongqian - BRNDIAR, Ján - KANTOROVICH, Lev - ŠTICH, Ivan - LI, Yan Jun. Tip-Induced Control of Charge and Molecular Bonding of Oxygen Atoms on the Rutile TiO₂ (110) Surface with Atomic Force Microscopy. In *ACS Nano*, 2019, vol. 13, no. 6, p. 6917-6924. (2018: 13.903 - IF, Q1 - JCR, 6.214 - SJR, Q1 - SJR, Current Contents - CCC). (2019 - Current Contents). ISSN 1936-0851. Dostupné na: <https://doi.org/10.1021/acsnano.9b01792>
- ADCA03 ADAMUŠČIN, Cyril - BARTOŠ, Erik - DUBNIČKA, Stanislav - DUBNIČKOVÁ, A.Z. Numerical values of the f(F), f(D), and f(S) coupling constants in the SU(3) invariant interaction Lagrangian of the vector-meson nonet with 1/2(+) octet baryons. In *Physical Review C. Nuclear Physics*, 2016, vol. 93, no. 5, art. no. 055208. (2015: 3.146 - IF, Q2 - JCR, 1.993 - SJR, Q1 - SJR, Current Contents - CCC). (2016 - Current Contents, WOS, SCOPUS). ISSN 2469-9985. Dostupné na: <https://doi.org/10.1103/PhysRevC.93.055208>
- ADCA04 ALAM, Shahidul** - NÁDAŽDY, Vojtech - VÁRY, Tomáš - FRIEBE, Christian - MEITZNER, Rico - AHNER, Johannes - ANAND, Aman - KARUTHEDATH, Safakath - DE CASTRO, Catherine S. P. - GÖHLER, Clemens - DIETZ, Stefanie - CANN, Jonathan - KÄSTNER, Christian - KONKIN, Alexander - BEENKEN, Wichard - ANTON, Arthur Markus - ULBRICHT, Christoph - SPERLICH, Andreas - HAGER, Martin D. - RITTER, Uwe - KREMER, Friedrich - BRÜGGEMANN, Oliver - SCHUBERT, Ulrich S. - EGBE, Daniel A. M. - WELCH, Gregory C. - DYAKONOV, Vladimir - DEIBEL, Carsten - LAQUAI, Frédéric - HOPPE, Harald**. Uphill and downhill charge generation from charge transfer to charge separated states in organic solar cells. In *Journal of Materials Chemistry C*, 2021, vol. 9, no. 40, p. 14463-14489. (2020: 7.393 - IF, Q1 - JCR, 1.899 - SJR, Q1 - SJR, Current Contents - CCC). (2021 - Current Contents). ISSN 2050-7526. Dostupné na: <https://doi.org/10.1039/d1tc02351a>
- ADCA05 ALVAREZ-RUIZ, Daina T. - AZOUGH, Feridoon - HERNANDEZ-MALDONADO, David - KEPAPTSOGLOU, Demie M - RAMASSE, Quentin M. - DAY, Sarah J. - ŠVEC, Peter Jr. - ŠVEC, Peter - FREER, Robert**. Utilising unit-cell twinning operators to reduce lattice thermal conductivity in modular structures: Structure and thermoelectric properties of Ga₂O₃(ZnO)(9). In *Journal of Alloys and Compounds*, 2018, vol. 762, p. 892 - 900. (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.2018.05.260>
- ADCA06 ALVAREZ-RUIZ, Diana T. - AZOUGH, Feridoon - HERNANDEZ-MALDONADO, David - KEPAPTSOGLOU, Demie M. - RAMASSE, Quentin M. - ŠVEC, Peter Jr. - ŠVEC, Peter - FREER, Robert**. Enhancement of Electrical Conduction and Phonon Scattering in Ga₂O₃(ZnO)(9)-In₂O₃(ZnO)(9) Compounds by Modification of Interfaces at the Nanoscale. In *Journal of Electronic Materials*, 2019, vol. 48, no. 4, p. 1818-1826. (2018: 1.676 - IF, Q3 - JCR, 0.422 - SJR, Q2 - SJR, Current Contents - CCC). (2019

- Current Contents, WOS, SCOPUS). ISSN 0361-5235. Dostupné na:
<https://doi.org/10.1007/s11664-018-06878-w>

- ADCA07 ANDEL, B. - ANDREYEV, A. N. - ANTALIC, S. - BARZAKH, A. - BREE, N. - COCOLIOS, T. E. - COMAS, V. F. - DIRIKEN, J. - ELSEVIERS, J. - FEDOROV, D. V. - FEDOSSEEV, V. N. - FRANCHOO, S. - GHYS, L. - HEREDIA, J. A. - HUYSE, M. - IVANOV, O. - KÖSTER, U. - LIBERATI, V. - MARSH, B. A. - NISHIO, K. - PAGE, R. D. - PATRONIS, N. - SELIVERSTOV, M. D. - TSEKHANOVICH, I. - VAN DEN BERGH, P. - VAN DE WALLE, J. - VAN DUPPEN, P. - VENHART, Martin - VERMOTE, S. - VESELSKÝ, Martin - WAGEMANS, C. Detailed alpha-decay study of Tl-180. In *Physical Review C*, 2017, vol. 96, no. 5, 054327. (2016: 3.820 - IF, Q1 - JCR, 1.936 - SJR, Q1 - SJR, Current Contents - CCC). (2017 - Current Contents, WOS, SCOPUS). ISSN 2469-9985. Dostupné na: <https://doi.org/10.1103/PhysRevC.96.054327>
- ADCA08 ANDEL, B.** - ANDREYEV, A.N. - ANTALIC, S. - BARZAKH, A. - BREE, N. - COCOLIO, T.E. - COMAS, V.F. - DIRIKEN, J. - ELSEVIERS, J. - FEDOROV, D.V. - FEDOSSEEV, V.N. - FRANCHOO, S. - GHYS, L. - HEREDIA, J.A. - HUYSE, M. - IVANOV, O. - KOSTER, U. - LIBERATI, V. - MARSH, B.A. - NISHIO, K. - PAGE, R.D. - PATRONIS, N. - SELIVERSTOV, M.D. - TSEKHANOVICH, I. - VAN DEN BERGH, P. - VAN DE WALLE, J. - VAN DUPPEN, P. - VENHART, Martin - VERMOTE, S. - VESELSKÝ, Martin - WAGEMANS, C. Detailed alfa-decay study of 180 Tl. In *Physical Review C*, 2017, vol. 96, no. 5, art. no. 054327. (2016: 3.820 - IF, Q1 - JCR, 1.936 - SJR, Q1 - SJR, Current Contents - CCC). (2017 - Current Contents, WOS, SCOPUS). ISSN 2469-9985. Dostupné na: <https://doi.org/10.1103/PhysRevC.96.054327>
- ADCA09 ANNUŠOVÁ, Adriana** - MARINOV, Daniil - BOOTH, Jean-Paul - SIRSE, Nishant - LINO DA SILVA, Mario - LOPEZ, Bruno - GUERRA, Vasco. Kinetics of highly vibrationally excited O-2(X) molecules in inductively-coupled oxygen plasmas. In *Plasma Sources Science and Technology*, 2018, vol. 27, no. 4, art. no. 045006, [30] p. (2017: 3.939 - IF, Q1 - JCR, 1.015 - SJR, Q1 - SJR, Current Contents - CCC). (2018 - Current Contents). ISSN 0963-0252. Dostupné na: <https://doi.org/10.1088/1361-6595/aab47d>
- ADCA10 ANNUŠOVÁ, Adriana** - BODIK, Michal - HAGARA, Jakub - KOTLÁR, Mário - HALAHOVETS, Yuriy - MIČUŠÍK, Matej - CHLPÍK, Juraj - CIRÁK, Július - HOFBAUEROVÁ, Monika, Benkovičová - JERGEL, Matej - MAJKOVÁ, Eva - ŠIFFALOVIC, Peter. On the extraction of MoOx photothermally active nanoparticles by gel filtration from a byproduct of few-layer MoS2 exfoliation. In *Nanotechnology*, 2021, vol. 32, no. 4, 045708. (2020: 3.874 - IF, Q2 - JCR, 0.926 - SJR, Q1 - SJR, Current Contents - CCC). (2021 - Current Contents, WOS, SCOPUS). ISSN 0957-4484. Dostupné na: <https://doi.org/10.1088/1361-6528/abc035>
- ADCA11 ANTLANGER, Moritz - KAHL, Gerhard - MAZARS, Martial - ŠAMAJ, Ladislav - TRIZAC, Emmanuel. The asymmetric Wigner bilayer. In *Journal of Chemical Physics*, 2018, vol. 149, no. 24, p. 244904. (2017: 2.843 - IF, Q2 - JCR, 1.252 - SJR, Q1 - SJR, Current Contents - CCC). (2018 - Current Contents). ISSN 0021-9606. Dostupné na: <https://doi.org/10.1063/1.5053651>

- ADCA12 ANTLANGER, M. - KAHL, G. - MAZARS, M. - ŠAMAJ, Ladislav - TRIZAC, E. Rich polymorphic behavior of Wigner bilayers. In *Physical Review Letters*, 2016, vol. 117, no. 11, 118002. (2015: 7.645 - IF, Q1 - JCR, 4.656 - SJR, Q1 - SJR, Current Contents - CCC). (2016 - Current Contents, WOS, SCOPUS). ISSN 0031-9007. Dostupné na: <https://doi.org/10.1103/PhysRevLett.117.118002>
- ADCA13 ANZOLINI, C. - ANGEL, R.J. - MERLINI, M. - DERZSI, M. - TOKÁR, Kamil - MILANI, S. - KREBS, M.Y. - BRENNER, F.E. - NESTOLA, F. - HARRIS, J.W. Depth of formation of CaSiO₃-walsstromite included in super-deep diamonds. In *Lithos*, 2016, vol. 265, p. 138-147. (2015: 3.723 - IF, Q1 - JCR, 2.906 - SJR, Q1 - SJR, Current Contents - CCC). (2016 - Current Contents). ISSN 0024-4937.
- ADCA14 ASEEV, Pavel P. - MARRA, Pasquale - STAŇO, Peter - KLINOVAJA, Jelena - LOSS, Daniel. Degeneracy lifting of Majorana bound states due to electron-phonon interactions. In *Physical Review B*, 2019, vol. 99, no. 20, 205435. (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.99.205435>
- ADCA15 ASQARDOUST, Sh. - HANZAKI, Z.H.** - ABEDI, H.R. - KRAJŇÁK, Tomáš - MINÁRIK, P. Enhancing the strength and ductility in accumulative back extruded WE43 magnesium alloy through achieving bimodal grain size distribution and texture weakening. In *Materials Science and Engineering A*, 2017, vol. 698, p. 218-229. (2016: 3.094 - IF, Q1 - JCR, 1.669 - SJR, Q1 - SJR, Current Contents - CCC). (2017 - Current Contents). ISSN 0921-5093. Dostupné na: <https://doi.org/10.1016/j.msea.2017.04.098>
- ADCA16 ATHANASOPOULOS, Stavros - SCHAUER, Franz - NÁDAŽDY, Vojtech - WEIß, Mareike - KAHLE, Frank-Julian - SCHERF, Ullrich - BÄSSLER, Heinz - KÖHLER, Anna**. What is the Binding Energy of a Charge Transfer State in an Organic Solar Cell? In *Advanced Energy Materials*, 2019, vol. 9, no. 24, art. no. 1900814. (2018: 24.884 - IF, Q1 - JCR, 8.900 - SJR, Q1 - SJR, Current Contents - CCC). (2019 - Current Contents). ISSN 1614-6832. Dostupné na: <https://doi.org/10.1002/aenm.201900814>
- ADCA17 AURANEN, K.** - UUSITALO, J. - BADRAN, H. - GRAHN, T. - GREENLEES, P. T. - HERZÁŇ, Andrej - JAKOBSSON, U. - JULIN, R. - JUUTINEN, S. - KONKI, J. - LEINO, M. - LEPPÄNEN, A.-P. - O'NEILL, G. - PAKARINEN, J. - PAPADAKIS, P. - PARTANEN, J. - PEURA, P. - RAHKILA, P. - RUOTSALAINEN, P. - SANDZELIUS, M. - SARÉN, J. - SCHOLEY, C. - SINCLAIR, L. - SORRI, J. - STOLZE, S. - VOSS, A. Exploring the boundaries of the nuclear landscape: alpha-decay properties of Pa-211. In *Physical Review C*, 2020, vol. 102, no. 3, 034305. (2019: 2.988 - IF, Q2 - JCR, 1.270 - SJR, Q1 - SJR, Current Contents - CCC). (2020 - Current Contents, WOS, SCOPUS). ISSN 2469-9985. Dostupné na: <https://doi.org/10.1103/PhysRevC.102.034305>
- ADCA18 AURANEN, K.** - JAKOBSSON, U. - BADRAN, H. - GRAHN, T. - GREENLEES, P. T. - HERZÁŇ, Andrej - JULIN, R. - JUUTINEN, S. - KONKI, J. - LEINO, M. - LEPPÄNEN, A.-P. - O'NEILL, G. - PAKARINEN, J. -

PAPADAKIS, P. - PARTANEN, J. - RAHKILA, P. - RUOTSALAINEN, P. - SANDZELIUS, M. - SARÉN, J. - SCHOLEY, C. - SINCLAIR, L. - SORRI, J. - STOLZE, S. - UUSITALO, J. - VOSS, A. Isomeric $13/2^+$ state in Fr-201. In *Physical Review C*, 2020, vol. 101, no. 2, 024306. (2019: 2.988 - IF, Q2 - JCR, 1.270 - SJR, Q1 - SJR, Current Contents - CCC). (2020 - Current Contents, WOS, SCOPUS). ISSN 2469-9985. Dostupné na: <https://doi.org/10.1103/PhysRevC.101.024306>

ADCA19 AURANEN, K.** - UUSITALO, J. - BADRAN, H. - GRAHN, T. - GREENLEES, P. T. - HERZÁŇ, Andrej - JAKOBSSON, U. - JULIN, R. - JUUTINEN, S. - KONKI, J. - LEINO, M. - LEPPÄNEN, A.-P. - O'NEILL, G. - PAKARINEN, J. - PAPADAKIS, P. - PARTANEN, J. - PEURA, P. - RAHKILA, P. - RUOTSALAINEN, P. - SANDZELIUS, M. - SARÉN, J. - SCHOLEY, C. - SINCLAIR, L. - SORRI, J. - STOLZE, S. - VOSS, A. Isomeric $13(+)/2$ (ν $i(13/2)(-1)$) state in(211)Th. In *Physical Review C*, 2021, vol. 103, no. 5, 054323. (2020: 3.296 - IF, Q2 - JCR, 1.679 - SJR, Q1 - SJR, Current Contents - CCC). (2021 - Current Contents, WOS, SCOPUS). ISSN 2469-9985. Dostupné na: <https://doi.org/10.1103/PhysRevC.103.054323>

ADCA20 AYISSI, S. - PALOTÁS, Krisztián - QIN, H. - YANG, L. - CHARPENTIER, P.A. Nanostructural adsorption of vanadium oxide on functionalized graphene: a DFT study. In *Physical Chemistry Chemical Physics*, 2016, vol. 18, no. 42, p. 29208-29217. (2015: 4.449 - IF, Q1 - JCR, 1.725 - SJR, Q1 - SJR, Current Contents - CCC). (2016 - Current Contents). ISSN 1463-9076. Dostupné na: <https://doi.org/10.1039/c6cp03967g>

ADCA21 AZIMI-ROEEN, Ghasem** - KASHANI-BOZORG, Seyed Farshid - NOSKO, Martin** - NAGY, Štefan** - MAŤKO, Igor**. Formation of Al/(Al₁₃Fe₄ + Al₂O₃) Nano-composites via Mechanical Alloying and Friction Stir Processing. In *Journal of Materials Engineering and Performance*, 2018, vol. 27, no. 2, p. 471-482. (2017: 1.340 - IF, Q3 - JCR, 0.611 - SJR, Q2 - SJR, Current Contents - CCC). (2018 - Current Contents). ISSN 1059-9495. Dostupné na: <https://doi.org/10.1007/s11665-018-3170-8>

ADCA22 AZIMI-ROEEN, Ghasem - KASHANI-BOZORG, Seyed Farshid - NOSKO, Martin - NAGY, Stefan - MAŤKO, Igor. Formation of Al/(Al₁₃Fe₄ + Al₂O₃) Nano-composites via Mechanical Alloying and Friction Stir Processing : (vol 27, pg 471, 2018). In *Journal of Materials Engineering and Performance*, 2018, vol. 27, no. 12, p. 6800. (2017: 1.340 - IF, Q3 - JCR, 0.611 - SJR, Q2 - SJR, Current Contents - CCC). (2018 - Current Contents). ISSN 1059-9495. Dostupné na: <https://doi.org/10.1007/s11665-018-3759-y>

ADCA23 AZIMI-ROEEN, Ghasem - KASHANI-BOZORG, Seyed Farshid - NOSKO, Martin - ŠVEC, Peter. Reactive mechanism and mechanical properties of in-situ hybrid nano-composites fabricated from an Al-Fe₂O₃ system by friction stir processing. In *Materials Characterization*, 2017, vol. 127, p. 279-287. (2016: 2.714 - IF, Q1 - JCR, 1.222 - SJR, Q1 - SJR, Current Contents - CCC). (2017 - Current Contents). ISSN 1044-5803. Dostupné na: <https://doi.org/10.1016/j.matchar.2017.03.007>

- ADCA24 BALÁŽ, Peter - HEGEDUS, Michal** - BALÁŽ, Matej - DANEU, Nina - SIFFALOVIC, P. - LUKÁČOVÁ BUJŇÁKOVÁ, Zdenka - TÓTHOVÁ, Erika - TEŠINSKÝ, Matej - ACHIMOVICHOVÁ, Marcela - BRIANČIN, Jaroslav - DUTKOVÁ, Erika - KAŇUCHOVÁ, Mária - FABIÁN, Martin - KITAZONO, Satoshi - DOBROZHAN, Oleksandr. Photovoltaic materials: Cu₂ZnSnS₄ (CZTS) nanocrystals synthesized via industrially scalable, green, one-step mechanochemical process. In *Progress in Photovoltaics : research and applications*, 2019, vol. 27, no. 18, p. 798-811. (2018: 7.776 - IF, Q1 - JCR, 1.942 - SJR, Q1 - SJR, Current Contents - CCC). (2019 - Current Contents). ISSN 1062-7995. Dostupné na: <https://doi.org/10.1063/1.5082636>
- ADCA25 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>
- ADCA26 BALOG, Martin** - KRÍŽIK, Peter - ŠVEC, Peter Jr. - OROVČÍK, Ľubomír. Industrially fabricated in-situ Al-AlN metal matrix composites (part A): Processing, thermal stability, and microstructure. In *Journal of Alloys and Compounds*, 2021, vol. 883, no. 160858. (2020: 5.316 - IF, Q1 - JCR, 1.112 - SJR, Q1 - SJR, Current Contents - CCC). (2021 - Current Contents, WOS, SCOPUS). ISSN 0925-8388. Dostupné na: <https://doi.org/10.1016/j.jallcom.2021.160858>
- ADCA27 BALOGH, Matúš** - HERZÁŇ, Andrej - MATOUŠEK, Vladislav - SEDLÁK, Michal - BENO, M. - DOBROVODSKÝ, J. - KANTAY, Gulnur - KONOPKA, Pavol - NOGA, P. - REPKO, Anton - ŠPAČEK, Andrej - VANA, D. - VENHART, Martin - VIELHAUER, Sebastian. Automated method for offline correction of spectrometry data affected by time instability. In *Nuclear Instruments and Methods in Physics Research A. Accelerators, Spectrometers, Detectors and Associated Equipment*, 2021, vol. 1004, 165368. (2020: 1.455 - IF, Q2 - JCR, 0.747 - SJR, Q1 - SJR, Current Contents - CCC). (2021 - Current Contents). ISSN 0168-9002. Dostupné na: <https://doi.org/10.1016/j.nima.2021.165368>
- ADCA28 BARTOŠ, Erik** - PINČÁK, Richard. Identification of market trends with string and D2-brane maps. In *Physica A*, 2017, vol. 479, p. 57-70. (2016: 2.243 - IF, Q1 - JCR, 0.761 - SJR, Q2 - SJR, Current Contents - CCC). (2017 - Current Contents, WOS, SCOPUS). ISSN 0378-4371. Dostupné na: <https://doi.org/10.1016/j.physa.2017.03.014>
- ADCA29 BARTOŠ, Erik - DUBNIČKA, Stanislav - DUBNIČKOVÁ, A.Z.** - HAYASHII, H. The mass and width differences of the neutral and charged (770), (1450) and (1700) mesons from e⁺e⁻ → e⁺e⁻ and e⁺e⁻ → e⁺e⁻γ processes. In *International Journal of Modern Physics A*, 2017, vol. 32, no. 25, art. no. 1750154. (2016: 1.597 - IF, Q2 - JCR, 1.054 - SJR, Q1 - SJR, Current Contents - CCC). (2017 - Current Contents). ISSN 0217-751X. Dostupné na: <https://doi.org/10.1142/S0217751X17501548>

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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

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AGJ02 ŠVAJDLENKOVÁ, Helena - ŠAUŠA, Ondrej. *Komôrka na štúdium fotopolymerezácie metódou pozitronovej anihilácie : Patentová listina. Číslo dokumentu: 288901. Druh dokumentu: B6. Int. Cl. (2021.01): G01N 23/00. G01N 1/00. Číslo prihlášky: 117-2017. Dátum podania prihlášky: 16.11. 2017. Dátum zverejnenia prihlášky: 4.6. 2019. Vestník ÚPV SR č.: 06/2019. Dátum oznámenia o udelení patentu: 13.10. 2021. Vestník ÚPV SR č. : 19/2021. Dátum sprístupnenia patentu verejnosti: 2.9. 2021. Majiteľ: Ústav polymérov SAV, Bratislava. Fyzikálny ústav SAV, Bratislava. Zástupca: Gróf Martin, Ing. PhD., Bratislava. Banská Bystrica : Úrad priemyselného vlastníctva, 2021. patentový spis číslo 288901, 7 s.*

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