

XX.a Всички публикации - публикувани

- **Звено: (ИФХ) Институт по физикохимия „Академик Ростислав Каишев”**
- **Тип на публикацията:**
 Научна монография
 Глава от научна монография
 Студия в научно списание
 Статия в научно списание
 Статия в сборник на научен форум
 Студия в тематичен сборник
 Статия в тематичен сборник
 Научно съобщение
- **Година на публикуване:** 2018 ÷ 2018
- **Тип записи:** Записи, които влизат в отчета на звеното

№	Публикация	Коригиращ Коефициент	Процент автори от звеното
1	A. Nakova, M. Ilieva, T. Boiadjieva-Scherzer, V. Tsakova. Electroless deposition of palladium nanoparticles on poly(3,4-ethylene-dioxythiophene)—role of the electrode substrate. Journal of Solid State Electrochemistry, 22, 6, Springer, 2018, ISSN:14328488, DOI:10.1007/s10008-018-3900-8, 1901-1908. ISI IF:2.509 C ISI IF - Q2 Линк	1.000	75.00
2	Andreeva R., Stoyanova, E., Tsanev, A., Datcheva, M., Stoychev, D. “On the Role of pre-treatment of Aluminum Substrate on Deposition of Cerium Based Conversion Layers and Their Corrosion-Protective Ability”. Int. J. Electrochem. Sci., 13 (2018) 5333-5351, 13, 6, 2018, DOI:doi: 10.20964/2018.06.71, 5333-5351. ISI IF:1.369 C ISI IF - Q4 Линк	1.000	60.00
3	Armyanov, S, Valova, E, Tatchev, D, Georgieva, J. Electroless deposited ternary alloys: third element chemical state, localisation and influence on the properties. A short review. TRANSACTIONS OF THE IMF, 2018, 96, 1, Taylor & Francis Ltd, 2018, ISSN:Print ISSN: 0020-2967 Online ISSN: 1745-9192, DOI:10.1080/00202967.2017.1364375, 12-19. ISI IF:0.59 C ISI IF - Q4 Линк	1.000	100.00
4	Armyanov, S, Valova, E, Kolev, K, Tatchev, D, Atanasov, P, Stankova, N. Electroless deposition of nickel on biocompatible poly(dimethylsiloxane) after a laser processing as a pretreatment. Advanced Materials Letters, 9, 2, 2018, ISSN:0976-3961, DOI:10.5185/amlett.2018.1818, 101-106. SJR:0.36 Без ISI IF – с SJR Линк	1.000	50.00
5	Boshkova N., Lutov L., Boshkov N. Protective properties of Zn-Mn composite coatings. Journal of International Scientific Publications, 12, 2018, 266-274 Международно академично издателство Линк	1.000	66.67
6	Boshkova, N., Kamburova, K., Tabakova, N., Boshkov, N, Radeva, Ts. Application of Stabilized Polyaniline Microparticles for Better Protective Ability of Zinc Coatings. International Journal of Chemical and Molecular Engineering, 12, 4, 2018, 191-194 Международно академично издателство Линк	1.000	80.00
7	Chakarova, V., Boiadjieva-Scherzer, Tz., Kovacheva, D., Kronberger, H., Monev, M. Corrosion behaviour of electrodeposited Zn-Cr alloy coatings. Corrosion Science, 140, Elsevier Ltd, 2018, ISSN:0010-938X, DOI:doi.org/10.1016/j.corsci.2018.06.019, 73-78. SJR:1.846, ISI IF:4.862 C ISI IF - Q1, не оглавява ранглистата Линк	1.000	40.00
8	Dimitrova, N, Georgieva, J, Sotiropoulos, S, Boiadjieva-Scherzer, Tz., Valova, E, Armyanov, S, Steenhaut, O, Hubin, A, Karashanova, D. Pt(Cu) catalyst on TiO2 powder support prepared by photodeposition-galvanic replacement method. 823, Journal of Electroanalytical Chemistry, 2018, DOI:10.1016/j.jelechem.2018.07.010, 624-632. ISI IF:3.235 C ISI IF - Q1, не оглавява ранглистата Линк	1.000	33.33
9	Exerowa, D, Todorov, R. Biomedical foam films. Foam Films and Foams: Fundamentals and Application, CRC Press Taylor&Francis Group, 2018, ISBN:9781466587724, 18, 139-156 Международно академично издателство Линк	1.000	50.00
10	Gochev G., Kristen-Hochrein N. Foam Films stabilized by Polymers and proteins. Foam Films and Foams: Fundamentals and Applications, CRC Press Taylor&Francis Group, 2018, ISBN:978-1-4665-8772-4, 17, 121-138 Международно академично издателство Линк	1.000	50.00
11	Gochev G., Platikanov, D., Miller R. Historical Perspectives on Foam Films. Foam Films and Foams Fundamentals and Applications, CRC Press Taylor&Francis Group, 2018, ISBN:978-1-4665-8772-4, 18, 59-76 Международно академично издателство Линк	1.000	33.33
12	Kamburova, K., Boshkova, N., Boshkov, N, Atanassova, G., Radeva, Ts. Hybrid zinc coatings for corrosion protection of steel	1.000	80.00

	using polyelectrolyte nanocontainers loaded with benzotriazole. Colloids and Surfaces A, 559, 2018, 234-250. ISI IF:2.829 C ISI IF - Q2 Линк		
13	Kamburova, K., Radeva, Ts. Polyelectrolyte-modified kaolinite nanocontainers for entrapment of corrosion inhibitor benzotriazole. Colloid and Polymer Science, 296, 7, 2018, 1157-1164. ISI IF:1.967 C ISI IF - Q2 Линк	1.000	100.00
14	Karamanov Alexander, Kamusheva Alexandra, Karashanova Daniela, Ranguelov Bogdan, Avdeev Georgi. Structure of glass-ceramic from Fe-Ni wastes. Materials Letters, 223, Elsevier, 2018, 86-89. SJR:0.78, ISI IF:2.7 C ISI IF - Q2 Линк	1.000	60.00
15	Khrstov Khr.. Role of Foam Films in Foam Stability. Foam Films and Foams: Fundamentals and Applications, CRC Press Taylor&Francis Group, 2018, ISBN:978-1-4665-8772-4, 11, 233-244 Международно академично издателство Линк	1.000	100.00
16	Michailov, M. Акад. Ростислав Каишев и българската следа във фундаменталната наука. Списание на Българската академия на науките, 2, "Марин Дринов" БАН, 2018, ISSN:0007-3989, 49-64 Национално академично издателство Линк	1.000	100.00
17	Michailov, M, Ranguelov, B. Two-dimensional nanowires on homoepitaxial interfaces: Atomic-scale mechanism of breakdown and disintegration. Journal of Physics: Conference Series, 992, IOP Science, 2018, ISSN:1742-6588, DOI:doi :10.1088/1742-6596/992/1/012002, 012002. SJR:0.24 Без ISI IF – с SJR Линк	1.000	100.00
18	Milchev A. I., Egorov S. A., Binder K., Nikoubashman A. NEMATIC ORDER IN SOLUTIONS OF SEMIFLEXIBLE POLYMERS: HAIRPINS, ELASTIC CONSTANTS, AND THE NEMATIC-SMECTIC TRANSITION. Journal of Chemical Physics, 149, 17, APS, 2018, DOI:10.1063/1.5049630, 174909. ISI IF:2.843 C ISI IF - Q2 Линк	1.000	25.00
19	Milchev A. I., Egorov S. A., Nikoubashman A., Binder K. ADSORPTION AND STRUCTURE FORMATION OF SEMIFLEXIBLE POLYMERS ON SPHERICAL SURFACES. Polymer, 145, Elsevier, 2018, DOI:10.1016/j.polymer.2018.04.054, 463-472. ISI IF:3.636 C ISI IF - Q1, не оглавява ранглистата Линк	1.000	25.00
20	Milchev A. I., Egorov S. A., Vega D. A., Binder K., Nikoubashman A. DENSELY PACKED SEMIFLEXIBLE MACROMOLECULES IN A RIGID SPHERICAL CAPSULE. Macromolecules, 51, 5, ACS Publications, 2018, ISSN:1520-5835, DOI:10.1021/acs.macromol.7b02643, 2002-2016. ISI IF:5.914 C ISI IF - Q1, не оглавява ранглистата Линк	1.000	20.00
21	Mileva E. Surfactant stabilized foam films. Foam Films and Foams: Fundamentals and Applications, CRC Press Taylor&Francis Group, 2018, ISBN:978-1-4665-8772-4, 21, 99-120 Международно академично издателство Линк	1.000	100.00
22	Mileva, E. Dotchi Exerowa (1935–2017). Foam Film and Foams Fundamentals and Applications, CRC Press Taylor&Francis Group, 2018, ISBN:978-1-4665-8772-4, 4, v-viii Международно академично издателство Линк	1.000	100.00
23	Mileva, E. IN MEMORY OF DOTCHI EXEROWA AND DIMO PLATIKANOV. Current Opinion in Colloid & Interface Science, 35, Elsevier, 2018, ISSN:1359-0294, DOI:doi.org/10.1016/j.cocis.2018.07.001, v-ix. SJR:2.07, ISI IF:5.785 C ISI IF - Q1, не оглавява ранглистата Линк	1.000	100.00
24	Nikolov, L. Hydrodynamic boundary layer at a rising air bubble and entrapment of fine solids: Gravity effects on particle–bubble interactions. Journal of Dispersion Science and Technology, 39, 3, Taylor&Francis Online, 2018, ISSN:15322351, DOI:10.1080/01932691.2017.1317267, 341-348. SJR:0.37, ISI IF:1.454 C ISI IF - Q2 Линк	1.000	100.00
25	Peshova, M, Bachvarov, V, Vitkova, St, Atanasova, G, Boshkov, N. "Electrodeposited zinc composite coatings with embedded carbon nanotubes – advanced composite materials for better corrosion protection". TRANSACTIONS OF THE IMF, 96, 6, Taylor and Francis, 2018, ISSN:1745-9192, DOI:org/10.1080/00202967.2018.1520486, 324-331. SJR:0.282, ISI IF:0.59 C ISI IF - Q4 Линк	1.000	60.00
26	T.T. Valkova, I.N. Krastev. Instabilities during electrochemical deposition of Sn-Co alloys from gluconate/sulphate electrolyte. Bulgarian Chemical Communications, 50, 4, Bulgarian Academy of Sciences, 2018, 560-567. ISI IF:0.349 C ISI IF - Q4 Линк	1.000	100.00
27	Весела Цакова. Институтът по физикохимия "Акад. Ростислав Каишев" - 60 години модерни изследвания, основани на опит и традиция. Марин Дринов, 2018 Национално академично издателство	1.000	100.00
28	Ataalla, M, Afify, Ahmed S, Hassan, M, Adam, A. M., Milanova, M, Piroeva, I. Humidity sensing properties of tungsten based glass crystalline materials in the WO3-ZnO-La2O3-Al2O3 system. NATO Science for Peace and Security Series A: Chemistry and Biology, 2018, ISSN:1874-6489, 417-425. SJR:0.113 Без ISI IF – с SJR Линк	1.000	16.67
29	Atanasov P, Stankova N, Armyanov S, Nedyalkov N, Kolev K, Valova E. Laser processing of biocompatible polymers for development of mems for medical and high-tech applications. LAP (2018-05-24), LAMBERT Academic Publishing, 2018, ISSN:ISBN-13: 978-613-9-83108-1; ISBN-10: 6139831083; EAN: 9786139831081 Международно академично издателство Линк	1.000	33.33
30	Atanasov, V.R., Hristova, S.H., Zhivkov, A.M. Alterations in the 3D-structure and function of the coagulation factor VIII at haemophilia a caused by inversion 22 in the F8 gene. Hematology, LIV, 1-2, Bulgarian medical society of hematology, 2018, ISSN:2367-7864, 36-41. SJR:0.101 Без ISI IF – с SJR Линк	1.000	66.67
31	Benedetto Bozzini, Matteo Amati, Tsvetina Dobrovolaska, Luca Gregoratti, Ivan Krastev, Ivonne Sgura, Antonietta Taurino, Maya	1.000	25.00

	Kiskinova. Depth-dependent Scanning Photoelectron Microspectroscopy unravels the Mechanism of Dynamic Pattern Formation in Alloy Electrodeposition. Journal of Physical Chemistry C, 122, ACS Publications, 2018, DOI:10.1021/acs.jpcc.8b01267, 15996-16007. ISI IF:4.53 C ISI IF - Q1, не оглавява ранглистата Линк		
32	Cherneva S., Guergova D. , Iankov R., Stoychev D. . Study of the mechanical properties of single- layer and multi-layer metallic coatings with protective-decorative applications. MATEC Web of Conferences Vol.145, 02002 (2018), NCTAM 2017 – 13th National Congress on Theoretical and Applied Mechanics, 145, 02002, 145, MATEC Web of Conferences, 2018, DOI:https://doi.org/10.1051/mateconf/201814502002, SJR:0.151 Без ISI IF – с SJR Линк	1.000	50.00
33	Cherneva, S., Guergova D. , Boshkova, N. , Iankov R., Stoychev, D. . "Nanoindentation investigations of electrodeposited on steel substrate corrosion-protective zinc coating, additionally improved by Cr III conversion layer". Proc. of the Sixth Intl. Conf. Advances in Civil, Structural and Mechanical Engineering - CSM 2018, Zurich, Switzerland, Copyright © Institute of Research Engineers and Doctors, USA, 2018, ISBN:Electronic ISBN: 978-1-63248-150-4, DOI:10.15224/978-1-63248-150-4-35, 67-71 Международно академично издателство Линк	1.000	60.00
34	Cherneva, S., Guergova, D. , Iankov, P., Stoychev, D. . "Investigation of Mechanical Properties of Mono- and Multilayer Alumina and Ceria Films Using Finite Element Modeling and Nanoindentation Experiments". Journal of Engineering Materials and Technology, 141, Published by ASME, 2018, DOI:10.1115/1.4040593, 011006-011016 Международно академично издателство Линк	1.000	50.00
35	Cholakova, T., Chitanov, V., Kolaklieva, L., Kakanakov, R., Ranguelov, B. , Atanasova, S. , Stefanov, P., Atanasova, G., Balashev, K.. Ti- and Cr-based hard coatings obtained at low temperatures by unbalanced magnetron sputtering. Journal of Physics: Conference Series, 992, (1), IOP Publishing, 2018, ISSN:1742-6588, DOI:10.1088/1742-6596/992/1/012030, 1-8. SJR:0.241 Без ISI IF – с SJR Линк	1.000	22.22
36	Cholakova, T., Chitanov, V., Kolaklieva, L., Kakanakov, R., Balashev, K., Ranguelov, B. , Rupetchov, V., Mishev, G.. Study of the mechanical properties of Ti-and Cr-based multicomponent hard coatings. MATEC Web of Conferences, 145, EDP Sciences, 2018, ISSN:2261-236X, DOI:DOI: 10.1051/mateconf/201814502003, 02003. SJR:0.15 Без ISI IF – с SJR Линк	1.000	12.50
37	Datcheva, M., Chalakova, G., Nikolov, A., Dimitrova, R., Iankov R., Kamburov, V., Guergova D. , Stoyanova, E. , Stoychev, D. . "Indentation hardness and modulus of electrochemically deposited triple protective-decorative Cu-Ni-Cr system". In MATEC Web of Conferences Vol.145, 02005 (2018), NCTAM 2017, 145, 02005, MATEC, 2018, DOI:https://doi.org/10.1051/mateconf/201814502005, SJR:0.151 Без ISI IF – с SJR Линк	1.000	33.33
38	Dikovska A.O., Atanasova G.B., Avdeev G. V. , Nedyalkov N. N.. Optical properties of Ag/ZnO nanocomposite coatings. Journal of Physics: Conference Series, 992, 1, Institute of Physics Publishing, 2018, ISSN:17426588, DOI:10.1088/1742-6596/992/1/012049, 012049-012055. SJR:0.241 Без ISI IF – с SJR Линк	1.000	25.00
39	Dimowa, L., Piroeva, I. , Atanasova-Vladimirova, S. , Rusev, R., Shivachev, B.. Structural peculiarities of natural chabazite modified by ZnCl ₂ and NiCl ₂ . Bulgarian Chemical Communications, 50, Special Issue J, 2018, ISSN:0324-1130, 114-122. SJR:0.16, ISI IF:0.238 C ISI IF - Q4 Линк	1.000	40.00
40	Esmat M. A. Hamzawy, Alexander Karamanov , Hussein Darwish, Emilia Karamanova . Effect of CaF ₂ addition on the densification and the foaming of sintered glass-ceramics by metallurgical slag. Proc 6th International Conference on Sustainable Solid Waste Management, 2018, 1-12 Национално неакадемично издателство Линк	1.000	50.00
41	Ganev, S., Bachvarova-Nedelcheva, A., Iordanova, R., Ranguelov, B. , Parvanov, S.. Synthesis of ZnTeO ₃ by crystallization of glasses in TeO ₂ -Bi ₂ O ₃ -ZnO-Nb ₂ O ₅ system. Journal of Chemical Technology and Metallurgy, 53, 6, 2018, ISSN:1314-7471, 1067-1072. SJR:0.331 Без ISI IF – с SJR Линк	1.000	20.00
42	Greco, G, Tatchev, D. , Hoell, A, Krumrey, M, Raoux, S, Hahn, R, Ellia, G A. Influence of the electrode nano/microstructure on the electrochemical properties of graphite in aluminum batteries. Journal of Materials Chemistry A, 6, The Royal Society of Chemistry, 2018, ISSN:2050-7488, DOI:10.1039/C8TA08319C, 22673-22680. ISI IF:9.931 C ISI IF - Q1, не оглавява ранглистата Линк	1.000	14.29
43	Harizanova R., I. Avramova, W. Wisniewski, G. Avdeev, D. Tzankov, M. Georgieva, Gugov, I., Rüssel, C.. EBSD investigation and magnetic properties of manganese ferrite crystallized in a sodium-silicate glass. CrystEngComm, 20, 30, Royal Society of Chemistry, 2018, ISSN:1466-8033, DOI:10.1039/c8ce00484f, 4268-4276. SJR:0.998, ISI IF:3.25 C ISI IF - Q1, не оглавява ранглистата Линк	1.000	12.50
44	Harizanova R., Vladislavova L., Avdeev G. , Bocker C., Gugov I., Rüssel C.. Electron microscopy investigation of the microstructure and elemental composition of barium titanate precipitated in oxide glasses. Journal of Chemical Technology and Metallurgy, 53, 6, University of Chemical Technology and Metallurgy, 2018, ISSN:1314-7471, 1061-1066. SJR:0.331 Без ISI IF – с SJR Линк	1.000	16.67
45	Harizanova R., Vladislavova L., Bocker C., Avdeev G. , Rüssel C.. Sr-Substituted Barium Titanate Glass Ceramics from Oxide Glasses As Potential Material for Sensor Preparation. NATO Science for Peace and Security Series B: Physics and Biophysics, Springer Verlag, 2018, ISSN:18746500, DOI:10.1007/978-94-024-1298-7_34, 349-359. SJR:0.113 Без ISI IF – с SJR Линк	1.000	20.00
46	Ignatova, K, Marchecheva, Milanese, M, Vladimirova, S. , Avdeev, G. , Lilova, Daniela. Electrodeposition and structure of Ni-Co-P alloy coatings in stationary and pulse potentiostatic mode. Bulgarian Chemical Communications, Special Issue A, 2018, ISSN:0324-1130, 37-43. SJR:0.156, ISI IF:0.238 C ISI IF - Q4 Линк	1.000	33.33

47	Ignatova, K, Kozhukharov, S, Milanec, M, Avdeev, G, Piroeva, I. Structural characteristics and corrosion resistance of NiP, CoP and NiCoP alloys with high phosphorus content. Bulgarian Chemical Communications, 50, Special Issue-A, 2018, ISSN:0324-1130, 61-69. ISI IF:0.238 C ISI IF - Q4 Линк	1.000	40.00
48	Ilcheva, V, Boev, V, Tatchev, D, Avdeev, G, Zamfirova, G, Gaydarov, V, Lilova, V, Petkova, T. Synthesis and Characterization of Organically Modified Silicates Obtained by Co-condensation of Two Organic – Inorganic Ureasilicate Monomers. Advanced Nanotechnologies for Detection and Defence against CBRN Agents; NATO Science for Peace and Security Series B: Physics and Biophysics, Springer, 2018, ISBN:978-94-024-1297-0, ISSN:1874-6500, DOI:10.1007/978-94-024-1298-7_33, 339-347. SJR:0.11 Без ISI IF – с SJR Линк	1.000	25.00
49	Kovacheva P., Todorovsky D., Mirchev N. Effects of mechanochemical treatment of ThO ₂ with UO ₃ and CeO ₂ . INTERNATIONAL SCIENTIFIC JOURNAL "MACHINES. TECHNOLOGIES. MATERIALS.", XII, 1, 2018, 37-40 Национално академично издателство Линк	1.000	33.33
50	Liggieri L., Mileva E. , Miller R.. "The surface layer as a basis for foam formation and stability". CRC Press Taylor&Francis Group, 2018, ISBN:978-1-4665-8772-4, 55, 3-58 Международно академично издателство Линк	1.000	33.33
51	Mantareva, V, Aliosman, M, Durmus, M, Angelov, I. Amino acids substituted phthalocyanine complexes: an overview on the synthetic approaches and UV-vis properties related to photodynamic applications. Bulgarian Chemical Communications, 50 Special I, Special I, Марин Дринов, 2018, 185-192. ISI IF:0.242 C ISI IF - Q4 Линк	1.000	25.00
52	Michailova V., Momekova D., Velichkova H., Ivanov E., Kotsilkova R., Karashanova D., Mileva E. , Dimitrov I., Rangelov S.. Self-Assembly of a Thermally Responsive Double-Hydrophilic Copolymer in Ethanol–Water Mixtures: The Effect of Preferential Adsorption and Co-Nonsolvency. J. Phys. Chem. B, 122, 22, ACS, 2018, ISSN:1520-6106, DOI:DOI: 10.1021/acs.jpcc.8b01746, 6072-6078. SJR:1.348, ISI IF:3.146 C ISI IF - Q1, не оглавява ранглистата Линк	1.000	11.11
53	Nikov R. G., Dikovska A. O., Atanasova G. B., Avdeev G. V. , Nedyalkov N. N.. Magnetic-field-assisted formation of oriented nanowires produced by pld in open air. Applied Surface Science, 458, Elsevier B.V, 2018, ISSN:01694332, DOI:10.1016/j.apsusc.2018.07.109, 273-280. SJR:1.09, ISI IF:4.22 C ISI IF - оглавява ранглистата Линк	1.000	20.00
54	Olzat Toktarbailuly, Victor Usov, Cormac Ó Coileáin, Katarzyna Siewierska, Sergey Krasnikov, Emma Norton, Sergey I. Bozhko, Valery N. Semenov, Alexander N. Chaika, Barry E. Murphy, Olaf Lübben, Filip Krzyzewski, Magdalena Zaluska-Kotur, Anna Krasteva, Hristina Popova, Vesselin Tonchev, Igor V. Shvets. Step bunching with both directions of the current: Vicinal W(110) surfaces versus atomistic-scale model. Physical Review B, 97, 035436, APS, 2018, ISSN:2469-9969 (online), DOI:10.1103/PhysRevB.97.035436, 035436-1-035436-8. ISI IF:3.836 C ISI IF - Q2 Линк	1.000	5.88
55	S. N. Rabadzhiyska, L. P. Kolaklieva, T. M. Cholakova, R. D. Kakanakov, V. Chitanov, P. K. Stefanov, G. B. Atanasova, K. T. Balashev, B. S. Rangelov, S. B. Atanasova. Multilayer CrN/TiN coatings deposited at low temperatures by unbalanced magnetron sputtering for implant applications. Bulgarian Chemical Communications, 50, Special Issue G, 2018, ISSN:0324-1130, 172-180. ISI IF:0.238 C ISI IF - Q4 Линк	1.000	20.00
56	Shahir A. A., Khrystov Khr. , Nguyen K. T., Nguyen A. V., Mileva E. . Combined Sum Frequency Generation and Thin Liquid Film Study of the Specific Effect of Monovalent Cations on the Interfacial Water Structure. Langmuir, 34, ACS, 2018, ISSN:07437463, 6844-6855. SJR:1.48, ISI IF:3.789 C ISI IF - Q1, не оглавява ранглистата Линк	1.000	40.00
57	Slavchov R., Minkov I., Arabadzhieva D., Mileva E. Barrier desorption from sparingly soluble alkanol monolayers on water under constant surface tension. 18, 1, Nanoscience and Nanotechnology: Nanostructured materials, application and innovation transfer, 2018, ISSN:1313-8995, 21-33 Национално академично издателство Линк	1.000	50.00
58	Slavkova Z., Kostadinova O., Avdeev G. , Petkova T.. Structure and Thermal Behaviour of Lithium Sodium Sulphate. NATO Science for Peace and Security Series B: Physics and Biophysics, Springer, Dordrecht, 2018, ISBN:978-94-024-1298-7, DOI:10.1007/978-94-024-1298-7_11, 87-93. SJR:0.113 Без ISI IF – с SJR Линк	1.000	25.00
59	Smiljanić, S, Karamanova, Emilia, Grujić, S, Rogan, J, Stojanović, J, Karamanov, Alexander. Sintering, crystallization and foaming of La ₂ O ₃ :SrO-5B ₂ O ₃ glass powders - effect of the holding temperature and the heating rate. Journal of Non-Crystalline Solids, 481, Elsevier, 2018, 375-382. SJR:0.69, ISI IF:2.1 C ISI IF - Q1, не оглавява ранглистата Линк	1.000	33.33
60	Stanchovska, S., Guergova, D. , Ivanov, G., Stoyanova, R., Zhecheva, E., Naydenov, A.. Supported palladium containing perovskite catalysts for methane combustion. Bulgarian Chemical Communications, 50, Special Issue-H, 2018, ISSN:ISSN: 0324-1130, 61-65. ISI IF:0.242 C ISI IF - Q4 Линк	1.000	16.67
61	Stankova, N, Atanasov, P, Nedyalkov, N, Tatchev, D, Kolev, K, Valova, E, Armanov, S, Grochowska, K, Śliwiński, G, Fukata, N, Hirsch, D, Rauschenbach, B. Laser-induced surface modification of biopolymers – micro/nanostructuring and functionalization. Journal of Physics: Conference Series, 992, 1, IOP Publishing Ltd, 2018, DOI:https://doi.org/10.1088/1742-6596/992/1/012051, 012051-012059. SJR:0.24 Без ISI IF – с SJR Линк	1.000	25.00
62	T.M. Cholakova, L.P. Kolaklieva, R.D. Kakanakov, V.A. Chitanov, B. S. Rangelov, S. Atanasova-Vladimirova, P. K. Stefanov, G. B. Atanasova, K. T. Balashev. Effect of the heat treatment on mechanical and structural properties of CrTiAlN coatings deposited at low temperature. Bulgarian Chemical Communications, 50, Special Issue G, 2018, ISSN:0324-1130, 197-204. ISI IF:0.238 C ISI IF - Q4 Линк	1.000	22.22

63	Tabakova T., Ivanov I., Karakirova Y., Karashanova D., Venezia A., Petrova P., Avdeev G. , Kolentsova E., Ivanov K.. Promotional Effect of Gold on the WGS Activity of Alumina-Supported Copper-Manganese Mixed Oxides. Catalysts, 8, 11, MDPI AG, 2018, ISSN:20734344, DOI:10.3390/catal8110563, 563-581. SJR:0.86, ISI IF:3.28 C ISI IF - Q2 Линк	1.000	11.11
64	Ulaganathan V., Gochev G. . Foam Fractionation. Foam Films and Foams: Fundamentals and Applications, CRC Press Taylor&Francis Group, 2018, ISBN:978-1-4665-8772-4, 7, 371-378 Международно академично издателство Линк	1.000	50.00
65	Yang F., Tchoukov P. , Qiao P., Ma X., Pensini E., Dabros T., Czarnecki J., Xu Z.. Studying demulsification mechanisms of water-in-crude oil emulsions using a modified thin liquid film technique. Colloids and Surfaces A: Physicochem. Eng. Aspects, 540, Elsevier, 2018, ISSN:0927-7757, DOI:https://doi.org/10.1016/j.colsurfa.2017.12.056, 215-223. SJR:0.753, ISI IF:2.829 C ISI IF - Q2 Линк	1.000	12.50

Коригиран брой: 65.000