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**: 2022 ÷ 2022
- **Тип записи**: Записи, които влизат в отчета на звеното

№	Публикация	Коригиращ Коефициент	Процент автори от звеното
1	**Andreeva, R.**, **Stoychev, D.**. Phosphate sealing improvement of the corrosion resistance of thin cerium oxides coatings electroless deposited on aluminium. Journal of Physics: Conference Series, 2240, 012001, IOP Publishing, 2022, DOI:10.1088/1742-6596/2240/1/012001, SJR (Scopus):0.21, JCR-IF (Web of Science):0.547 **Q4 (Scopus)** Линк	1.000	100.00
2	**Andreeva, R.**, Tsanev, A., **Stoychev, D.**. Effect of pre- and post-treatment operations of aluminum alloy Al-1050 protected by ceria conversion coatings. Materials Today: Proceedings, 61, P4, Elsevier, 2022, ISSN:2214-7853, DOI:10.1016/j.matpr.2022.03.716, 1280-1286. SJR (Scopus):0.355 **SJR, непопадащ в Q категория (Scopus)** Линк	1.000	66.67
3	**Bachvarov, Vasil**, **Arnaudova, Marina**, Lefterova, Elefteria, **Rashkov, Rashko**. STUDY OF OXYGEN EVOLUTION REACTION ON IRON GROUP-BASED ELECTRODEPOSITED MULTICOMPONENT CATALYSTS IN ALKALINE MEDIA. PART I: INFLUENCE OF THE COMPOSITION. Journal of Chemical Technology and Metallurgy, 57, 5, University of Chemical Technology and Metallurgy, 2022, ISSN:13147471, 910-918. SJR (Scopus):0.253, JCR-IF (Web of Science):0.81 **Q3 (Scopus)** Линк	1.000	75.00
4	**Bachvarov, Vasil**, **Arnaudova, Marina**, Lefterova, Elefteria, **Rashkov, Rashko**. STUDY OF OXYGEN EVOLUTION REACTION ON IRON GROUP-BASED ELECTRODEPOSITED MULTICOMPONENT CATALYSTS IN ALKALINE MEDIA. PART II: SURFACE INVESTIGATIONS AND CORROSION DURABILITY. Journal of Chemical Technology and Metallurgy, 57, 6, University of Chemical Technology and Metallurgy, 2022, ISSN:13147471, 1202-1211. SJR (Scopus):0.253, JCR-IF (Web of Science):0.81 **Q3 (Scopus)** Линк	1.000	75.00
5	**Boshkova N.**, **Boshkov N.**, Li H.. Corrosion characterization of Zn-Mn hybrid coatings with surface conversion layers. Galvanotechnik, 113, 1, Eugen Leuze, 2022, 37-44. SJR (Scopus):0.123 **Q4 (Scopus)** Линк	1.000	66.67
6	**Boshkova N.**, **Kamburova K.**, **Radeva Ts.**, Simeonova S., Grozev N., Shipochka M., **Boshkov N.**. “Comparative corrosion characterization of hybrid zinc coatings in Cl--contaning medium and artificial sea water”. Coatings, 12, 12, MDPI, 2022, ISSN:2079-6412, DOI:https://doi.org/10.3390/coatings12121798, 1798-1812. SJR (Scopus):0.482, JCR-IF (Web of Science):3.236 **Q2 (Scopus)** Линк	1.000	57.14
7	**Boshkova N.**, Lutov L., Tabakova N., **Boshkov N.**. “Innovative passivation film on galvanic zinc coatings based on tannin and gelatin”. Journal of International Scientific Publications: Materials, Methods & Technologies, 12, 2022, 172-179 **Друго** Линк	1.000	50.00
8	**Georgieva, M.**, **Milusheva, V.**. Electroless and Electrochemical Copper Deposition to Form a Conductive Layer on Anodized Aluminum Substrate. XXXI International Scientific Conference Electronics - ET2022, IEEE, 2022, DOI:10.1109/ET55967.2022.9920293 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	100.00
9	**Georgieva, M.**. Electrochemical Study on Electroless Cu-Ni-P Alloy. XXXI International Scientific Conference Electronics - ET2022, IEEE, 2022, DOI:10.1109/ET55967.2022.9920334 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	100.00
10	**Georgieva, M.**. Electroless deposition of Cu-Ni-P Alloy Coatings on a Dielectric Surface for Application in Electronics. 13-th National conference with international participation ELECTRONICA 2022, IEEE, 2022, DOI:10.1109/ELECTRONICA55578.2022.9874400 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	100.00
11	**Georgieva, M.**. Investigation of the Influence of Ni2+ Concentration for the Obtaining of Electroless Cu-Ni-P Alloy Coatings on the Dielectric Surface. J. Chem. Technol. Metall., 57, 4, 2022, ISSN:1314-7471, 834-839. JCR-IF (Web of Science):0.83 **Q3 (Web of Science)** Линк	1.000	100.00

12	**Georgieva, M.**. Study of a System for Creating a Statistical Model of the Electroless Plating of Cu-Ni-P Alloys. Trans. IMF, 100, 6, 2022, ISSN:0020-2967, DOI:DOI:10.1080/00202967.2022.2107773, 318-323. JCR-IF (Web of Science):1.679 **Q2 (Web of Science)** Линк	1.000	100.00
13	**Iskra Piroeva**, **Stela Atanasova - Vladimirova**, **Feyzim Hodzhaoglu**, Radi Ganev. INVESTIGATION ON THE DISTRIBUTION OF COMPONENTS IN RECYCLE DOUBLE BASED PROPELLANTS. 2022, ISBN:978-86-81123-85-0, 186-188 **В депозитна база (напр. arxiv)** Линк	1.000	75.00
14	**Jordanov N.B.**, **Karamanov A.**. Synthesis and kinetics of sintering of glass-ceramics in air and argon obtained from industrial waste. SUM 2022, EUROWASTE Srl, 2022, ISSN:ISBN: 9788862650274, 1-6 **Друго**	1.000	100.00
15	**Jordanov N.B.**, **Karamanov A.**. Synthesis of sintered glass-ceramics in air and argon obtained from industrial waste revealed by hot stage microscopy (HSM). 9th International Conference on Sustainable Solid Waste Management, 15-18 JUNE 2022, Corfu, Greece, 2022 **В депозитна база (напр. arxiv)** Линк	1.000	100.00
16	**Jordanov, N.**, **Karamanov, A.**. SINTERED GLASS-CERAMICS, SELF-GLAZED MATERIALS AND FOAMS FROM METALLURGICAL SLAG. SGEM 2021, 2022, ISSN:1314-2704, DOI:10.5593/sgem2021/4.1/s18.32, 175-182. SJR (Scopus):0.2 **SJR, непопадащ в Q категория (Scopus)** Линк	1.000	100.00
17	**Kamburova K.**, **Boshkova N.**, **Boshkov N.**, **Radeva Ts.**. "Hybrid Zinc Coating with CuO Nanocontainers Containing Corrosion Inhibitor for Combined Protection of Mild Steel from Corrosion and Biofouling". Coatings, 12, 9, MDPI, 2022, ISSN:2079-6412, DOI:https://doi.org/10.3390/coatings12091254, 1254. SJR (Scopus):0.482, JCR-IF (Web of Science):3.236 **Q2 (Scopus)** Линк	1.000	100.00
18	**Karamanov A.**, Paunović P., **Karamanova E.**, **Ranguelov B.**, **Avdeev G.**, Grozdanov A., Karashanova D.. New glass-ceramic by Fe-Ni wastes with improved structure and properties. 9th International Conference on Sustainable Solid Waste Management, 15-18 JUNE 2022, Corfu, Greece, 2022 **В депозитна база (напр. arxiv)** Линк	1.000	57.14
19	**Karamanov A.**, Paunović P., Kamusheva A,, Ljatifi I., **E. Karamanova**, **B. Ranguelov**, **Avdeev G.**, Grozdanov A., Karashanova D.. Nano glass-ceramic by Fe-Ni waste. SUM 2022, EUROWASTE Srl, 2022, ISSN:ISBN: 9788862650274, 1-6 **В депозитна база (напр. arxiv)**	1.000	44.44
20	**Karamanov, A.**, Georgiev, I.. RELATIONSHIP AMONG STRUCTURE, PROPERTIES AND APPEARANCE OF SINTERED GLASS-CERAMICS AND COMPOSITES FROM HAZARDOUS INDUSTRIAL WASTES. SGEM 2021, 2022, ISSN:13142704, DOI:10.5593/sgem2021/4.1/s18.31, 165-174. SJR (Scopus):0.2 **SJR, непопадащ в Q категория (Scopus)** Линк	1.000	50.00
21	**Karamanova E.**, **Avdeev G.**, **Atanasova S.**, **Piroeva I.**, **Karamanov A.**. Structure and phase composition of ceramics from municipal incinerator bot- tom ashes. SUM 2022, EUROWASTE Srl, 2022, ISSN:ISBN: 9788862650274, 1-6 **В депозитна база (напр. arxiv)**	1.000	100.00
22	**Karamanova E.**, Markovska I., **Karamanov A.**. Ceramic Materials and Ceramics Pigments based on high amounts of Industrial and Agricultural wastes. 9th International Conference on Sustainable Solid Waste Management, 15-18 JUNE 2022, Corfu, Greece, 2022 **В депозитна база (напр. arxiv)** Линк	1.000	66.67
23	**Karamanova, E.**, **Karamanov, A.**. CERAMIC MATERIALS BASED ON HIGH AMOUNTS OF INDUSTRIAL WASTES. SGEM 2021, 2022, ISSN:1314-2704, DOI:10.5593/sgem2021/4.1/s18.27, 139-146. SJR (Scopus):0.2 **SJR, непопадащ в Q категория (Scopus)** Линк	1.000	100.00
24	**Milchev, Andrey**, Binder, Kurt. Surface enrichment and interdiffusion in blends of semiflexible polymers of different stiffness. Soft Matter, 18, 19, 2022, ISSN:1744-6848, 3781-3792. SJR (Scopus):0.9, JCR-IF (Web of Science):4.046 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	50.00
25	**Mileva, E.**, **Gyurova, A.Y.**, **Nikolov, L.**. Self-assembly of four-antennary oligoglycines in aqueous media: fine-tuning and applications. Current Opinion in Colloid and Interface Science, 60, 2022, DOI:https://doi.org/10.1016/j.cocis.2022.101601, JCR-IF (Web of Science):8.209 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	100.00
26	**Nanev, C.N.**, Saridakis, E., Govada, L., Chayen, N.E.. Protein Crystals Nucleated and Grown by Means of Porous Materials Display Improved X-ray Diffraction Quality. International Journal of Molecular Sciences, 23, 18, MDPI, 2022, ISSN:16616596, DOI:10.3390/ijms231810676, 10676. SJR (Scopus):1.18 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	25.00
27	**Nanev, C.N.**. A Contemporary Look at the Polyhedral Shape Instability of Crystals Growing under Conditions of Diffusion-Limited Supply of Building Material. Crystal Research and Technology, 57, John Wiley and Sons Inc, 2022, ISSN:02321300, DOI:10.1002/crat.202100212, 2100212. SJR (Scopus):0.31 **Q3 (Scopus)** Линк	1.000	100.00
28	**Nanev, Christo**. On the Vitality of the Classical Theory of Crystal Nucleation; Crystal Nucleation in Pure Own Melt; Atmospheric Ice and Snow; Ice in Frozen Foods. Progress in Crystal Growth and Characterization of Materials, 68, Elsevier, 2022, ISSN:09608974, DOI:10.1016/j.pcrysgrow.2022.100567, 100567. SJR (Scopus):1.29 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	100.00
29	**Petkova, H.**, Jarek, E., Doychinov. M., Krzan, M., **Mileva, E.**. Synergy in Aqueous Systems Containing Bioactive Ingredients of Natural Origin: Saponin/Pectin Mixtures. Polymers, 20, 14, MDPI, 2022, ISSN:2073-4360, DOI:doi.org/10.3390/polym14204362, JCR-IF (Web of Science):4.967 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	40.00

30	**Ranguelov, Bogdan**, **Milchev, Andrey**. Translocation kinetics of vesicles through narrow pores. EPL, 138, 4, Institute of Physics Publishing, 2022, ISSN:02955075, DOI:10.1209/0295-5075/ac6c07, 420011-420016. SJR (Scopus):0.525 **Q2 (Scopus)** Линк	1.000	100.00
31	**Ranguelov, Bogdan**, **Nanev, Christo**. 2D Monte Carlo Simulation of Cocrystal Formation Using Patchy Particles. Crystals, 12, 10, MDPI, 2022, ISSN:20734352, DOI:10.3390/cryst12101457, 1-12. SJR (Scopus):0.459 **Q2 (Scopus)** Линк	1.000	100.00
32	**Tatchev, D.**, Tsenova-Ilieva, I., **Vassilev, Ts.**, Karova, E.. The effect of experimental conditions in root dentin microcracks detection by micro-computed tomography. Journal of the Mechanical Behavior of Biomedical Materials, 128, Elsevier, 2022, ISSN:1751-6161, DOI:10.1016/j.jmbbm.2022.105108, 105108. SJR (Scopus):0.75, JCR-IF (Web of Science):4.042 **Q2 (Scopus)** Линк	1.000	50.00
33	**Tsakova, Vessela**. Spontaneous Carbon-Support-Induced Metal Deposition. ACS Omega, 7, American Chemical Society (ACS), 2022, DOI:doi.org/10.1021/acsomega.1c06225, 3158-3166. SJR (Scopus):0.708 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	100.00
34	**V. Chakarova**, **M. Monev**. Electrocatalytic Properties of Electroless Ni-P Coatings towards Hydrogen Evolution Reaction in Alkaline Solution. Ni-P Coatings Deposited on Steel Substrate at Different Concentrations of Sodium Hypophosphite. Electrocatalysis, Springer Nature, 2022, DOI:https://doi.org/10.1007/s12678-022-00791-x, JCR-IF (Web of Science):2.933 **Q2 (Web of Science)** Линк	1.000	100.00
35	**V. Chakarova**, **M. Petrova**. Obtaining abrasives on the base of composit Ni-P coatings for surface treatment of rock materials. International journal for science, technics and innovations for the industry “Machines, technologies, materials”, XVI, 3, 2022, ISSN:ISSN: PRINT 1313-0226, ISSN WEB 1314-507X, 105-107 **Друго** Линк	1.000	100.00
36	**Viktoria Milkova**. Chitosan-stabilized oil-in-water nanoemulsions: electrokinetic properties, Chapter 3 in "Handbook of research on nanoemulsion applications in agriculture, food, health, and biomedical Sciences", Ed. K. Ramalingam,. Handbook of Research on Nanoemulsion Applications in Agriculture, Food, Health, and Biomedical Sciences, 2022, ISBN:9781799883784, DOI:10.4018/978-1-7998-8378-4.ch003, 15 **Друго** Линк	1.000	100.00
37	Angelova, L, Daskalova, A, Filipov, E, Vila, X. M, Tomasch, J, **Avdeev, G**, Teuschl-Woller, Andreas H., Buchvarov, I. Optimizing the Surface Structural and Morphological Properties of Silk Thin Films via Ultra-Short Laser Texturing for Creation of Muscle Cell Matrix Model. Polymers, 14, 2022, ISSN:20734360, DOI:10.3390/polym14132584, 2584. SJR (Scopus):0.726 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	12.50
38	Auer, S., **Kashchiev, D.**. Two-step crystal nucleation kinetics: Solution of the master equation. Journal of Crystal Growth, 580, 2022, ISSN:00220248, DOI:10.1016/j.jcrysgro.2021.126469, SJR (Scopus):0.43, JCR-IF (Web of Science):1.83 **Q2 (Scopus)** Линк	1.000	50.00
39	Avramova I., Dimov D., Stankova N., Petrov M., Karaivanova D., **Avdeev G.**, Russev S., Karashanova D., Georgieva B., Valcheva E., Milenov T.. Novel Approach for Synthesis of Graphene-like Phases by Pulsed Laser Ablation in a Flow-Mode Suspension. Materials, 15, 22, MDPI, 2022, ISSN:19961944, DOI:https://doi.org/10.3390/ma15227870, 7870. SJR (Scopus):0.604 **Q2 (Scopus)** Линк	1.000	9.09
40	B. Tzaneva, Ek. Dobreva, N. Koteva, **M. Georgieva**, **M. Petrova**. Effect of etching conditions on electroless Ni-P plating of 3D printed PLA. Transactions of the IMF, 100, 3, Taylor & Francis, 2022, ISSN:0020-2967, DOI:10.1080/00202967.2022.2060555, 166-172. JCR-IF (Web of Science):1.679 **Q2** Линк	1.000	40.00
41	Boiadjieva-Scherzer, Tz., **Mirkova, L.**, Fafilek, G., Reinbold, J., Kronberger, H., Stache, H., Bodesheim, G., **Monev, M.**. Hydrogen Permeation through Steel during Cathodic Polarization of Lubricating Oils in a Modified Devanathan-Stachurski Cell. Scientific Reports, 12, Nature portfolio, 2022, DOI:https://doi.org/10.1038/s41598-022-21941-7, JCR-IF (Web of Science):4.996 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	25.00
42	Dimitrov O., Stambolova I., Babeva T., Babeva T., **Avdeev G.**, Shipochka M., Mladenova R., Simeonova S.. High intensity orange-red emission of chemically deposited Sm3+-doped ZrO2thin films - Beneficial effects of host and dopant. Journal of Materials Research and Technology, 18, 2022, ISSN:22387854, DOI:10.1016/j.jmrt.2022.04.013, 3026-3034. SJR (Scopus):0.964 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	12.50
43	Dimowa, L., Lihareva, N., Tzvetanova, Y., Petrov, O., Todorova, T., **Piroeva, I.**. Kinetics and Rietveld XRD structural study of Cs+ sorption on natural and synthetic mordenites in the first 12 h. Journal of Radioanalytical and Nuclear Chemistry, 2022, ISSN:1588-2780, DOI:https://doi.org/10.1007/s10967-022-08648-9, JCR-IF (Web of Science):1.754 **Q2 (Scopus)** Линк	1.000	16.67
44	Evgeniya Hristova, **Plamen Tchoukov**, Stanislav R. Stoyanov, Richard McFarlane. Asphaltene Precipitation Onsets in Relation to the Critical Dilution of Athabasca Bitumen in Paraffinic Solvents. Energy Fuels, 36, 2022, DOI:https://doi.org/10.1021/acs.energyfuels.1c03710, 1832-1841. SJR (Scopus):0.822, JCR-IF (Web of Science):4.654 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	25.00
45	Gancheva M., Rojac T., Iordanova R., **Piroeva I.**, Ivanov P. Structural and optical properties of MgMoO4 prepared by mechanochemical technique.. Ceramics International, 48, 12, 2022, ISSN:0272-8842, 17149-17156. SJR (Scopus):0.89, JCR-IF (Web of Science):5.16 **Q1 - оглавява ранглистата (Scopus)** Линк	1.000	20.00
46	I. Nikolova, T. Paunova-Krasteva, Z. Petrova, P. Grozdanov, N. Nikolova, G. Tsonev, A. Triantafyllidis, S. Andreev, M. Trepechova, **V. Milkova**, N. Vilhelmova-Ilieva. Bulgarian Medicinal Extracts as Natural Inhibitors with Antiviral and Antibacterial Activity. Plants, 11, 2022, DOI:10.3390/ plants11131666, 1666. JCR-IF (Web of Science):0.77 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	9.09

47	Ilieva, L, Dimitrov, D, Kolentsova, E, Venezia, A. M, Karashanova, D, **Avdeev, G**, Petrova, P, State, R, Tabakova, T. Gold-Based Catalysts for Complete Formaldehyde Oxidation: Insights into the Role of Support Composition. Catalysts, 12, 2022, ISSN:20734344, DOI:10.3390/catal12070705, 705. SJR (Scopus):0.728 **Q2 (Scopus)** Линк	1.000	11.11
48	Ilieva, L., Petrova, P., Anchina, M., **Avdeev, G.**, Tabakova, T.. COMPLETE BENZENE OXIDATION OVER GOLD CATALYSTS ON MECHANOCHEMICALLY PREPARED Co3O4-CeO2 SUPPORTS. Journal of Chemical Technology and Metallurgy, 57, 2022, ISSN:13147471, 901-909. SJR (Scopus):0.253 **Q3 (Scopus)** Линк	1.000	20.00
49	Ivanov S., **Avdeev**, Giurdzhiiska-Ivanova D., Zlateva B., Lesigyarski D.. "Ранносредновековният железодобивен комплекс Брестница–Полето в Северозападна България: хронология и археометричен анализ (предварителни данни): The Early Medieval iron bloomery complex Brestnitsa–Poleto in north-western Bulgaria: chronology and archaeometric analysis (preliminary data). Bulgarian e-Journal of Archaeology | Българско е-Списание за Археология, 12, 2022, ISSN:1314-5088, DOI:https://doi.org/10.57573/be-ja.12.133-158, 133-158 **Национално академично издателство (ERIH Plus)** Линк	1.000	20.00
50	Ivanov, R, **Nakova, A**, **Tsakova, V**. Glycerol oxidation at Pd nanocatalysts obtained through spontaneous metal deposition on carbon substrates. Electrochimica Acta, 427, Elsevier, 2022, DOI:doi.org/10.1016/j.electacta.2022.140871, 140871. SJR (Scopus):1.306 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	66.67
51	Kaluža L., Palcheva R., Jirátová K., Tyuliev G., Gulková D., Dimitrov L., **Avdeev G.**. Characterization and HDS activity of Mo and NiMo sulfided catalyst prepared by thioglycolic acid assisted hydrothermal deposition method. Journal of Alloys and Compounds, 903, 2022, ISSN:09258388, DOI:10.1016/j.jallcom.2022.163925, 163925. SJR (Scopus):1.027 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	14.29
52	Katia Vutova, Vladislava Stefanova, Vania Vassileva, **Stela Atanasova-Vladimirova**. Recycling of Technogenic CoCrMo Alloy by Electron Beam Melting. Materials, 15, 12, MDPI, 2022, 4168. SJR (Scopus):0.6, JCR-IF (Web of Science):3.74 **Q2 (Scopus)** Линк	1.000	25.00
53	Kozhukharov, S., Girginov, C., **Boshkova, N.**, Tzanev, A.. Impact of the final thermal sealing of combined zinc/cerium oxide protective coating primers formed on low carbon steel. Journal of Electrochemical Science and Engineering, 12, 4, International Association of Physical Chemists, 2022, ISSN:ISSN: 1847-9286, DOI:DOI: https://doi.org/10.5599/jese.1297, 685-701. SJR (Scopus):0.287 **Q3 (Scopus)** Линк	1.000	25.00
54	Kozhukharov, S., Girginov, Christian, Tsanev, A., **Boshkova, N.**. Synergistic effect of Zn electrodeposition and cerium conversion coating on the corrosion performance of low carbon steel. Applied Surface Science, 602, 154254, Elsevier, 2022, ISSN:01694332, DOI:10.1016/j.apsusc.2022.154254, SJR (Scopus):1.147, JCR-IF (Web of Science):7.392 **Q1 - оглавява ранглистата (Web of Science)** Линк	1.000	25.00
55	Krzan, M., Jarek, E., **Petkova, H.**, Santini, E., Szyk-Warszynska, L., Ravera, F., Liggieri, L., **Mileva, E.**, Warszynski, P.. Hydrophobisation of Silica Nanoparticles Using Lauroyl Ethyl Arginate and Chitosan Mixtures to Induce the Foaming Process. Polymers, 14, 19, MDPI, 2022, ISSN:2073-4360, DOI:doi.org/10.3390/polym1419407, JCR-IF (Web of Science):4.967 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	22.22
56	Laura Earnden, Sierra Eckel Foster, **Plamen Tchoukov**, Stanislav R. Stoyanov, Erica Pensini. Herding Oil Slicks with Fatty Alcohol and Carbonaceous Particles. Water Air Soil Pollut, 233, 2022, DOI:https://doi.org/10.1007/s11270-022-05706-6, 270. SJR (Scopus):0.546, JCR-IF (Web of Science):1.9 **Q2 (Scopus)** Линк	1.000	20.00
57	Louiza Dimowa, Nadia Petrova, Yana Tzvetanova, Ognyan Petrov, **Iskra Piroeva**. Structural Features and Thermal Behavior of Ion-Exchanged Clinoptilolite from Beli Plast Deposit (Bulgaria). Minerals, 12, 12, MDPI, 2022, ISSN:2075-163X, 1576. SJR (Scopus):0.52, JCR-IF (Web of Science):2.818 **Q2 (Scopus)** Линк	1.000	20.00
58	Milenov T, Terziyska P, **Avdeev G**, Karashanova D, Georgieva B, Avramova I, Genkov K, Valcheva E. Structure and Phase Composition Study of Heavy Doped with Carbon Thin Films of TiO2 : C Deposited by RF Magnetron Sputtering. Russian Journal of Inorganic Chemistry, 67, 2022, ISSN:00360236, DOI:10.1134/S0036023622100333, 1509-1520. SJR (Scopus):0.292 **Q3 (Scopus)** Линк	1.000	12.50
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Коригиран брой: 66.000			