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**: 2024 ÷ 2024
- **Тип записи**: Всички записи

№	Публикация	Коригиращ Коефициент	Процент автори от звеното
1	**Andreeva, R.**, Tsanev, A., **Stoychev, D**. Improving the Corrosion Resistance of Anodized Al 1050 Alloy by Sealing in Cerium-Containing and Mixed Sodium Phosphate Mono Basic and Calcium Nitrate Solutions. Metals, 14, 7, MDPI, 2024, ISSN:2075-4701, DOI:doi.org/10.3390/ met14070768, 768. SJR (Scopus):0.554, JCR-IF (Web of Science):2.7 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	66.67
2	**Arnaudova, M.**, Lefterova, E., **Rashkov, R.**. Corrosion behavior of electrodeposited nickel-based coatings with W, Mo, and TiOx. Journal of Solid State Electrochemistry, 28, 5, Springer Verlag, 2024, ISSN:14328488, DOI:10.1007/s10008-023-05696-3, 1657-1670. SJR (Scopus):0.482, JCR-IF (Web of Science):2.5 **Q2 (Scopus)** Линк	1.000	66.67
3	**Avdeev, G.**, Kukeva, R., Yancheva, D., Mihailov, V., Tankova, V., Dimitrov, M., Nekhrizov, G., Stoyanova, R., Stamboliyska, B.. Multi-Analytical Analysis of Decorative Color Plasters from the Thracian Tomb near Alexandrovo, Bulgaria. Minerals, 14, 4, MDPI, 2024, ISSN:2075-163X, DOI:10.3390/min14040374, SJR (Scopus):0.495, JCR-IF (Web of Science):2.2 **Q2 (Scopus)** Линк	1.000	11.11
4	**Avramova, Kati**, **Karamanov, Alexander**. Density Differences' Effect on Phase Transition Kinetics. Journal of Physical Chemistry B, 128, 50, 2024, DOI:doi.org/10.1021/acs.jpcb.4c04898, 12571-12577. SJR (Scopus):0.76, JCR-IF (Web of Science):2.8 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	100.00
5	**Boshkova N.**, Stoyanova D., Stambolova I., Dimitrov O., Simeonova S., **Avdeev G.**, **Peshova M.**, **Bachvarov V.**, **Smrichkova S.**, **Boshkov N.**. Corrosion Efficiency of Zn-Ni/ZrO2 and Zn-Co/ZrO2 Bi-Layer Systems: Impact of Zn-Alloy Sublayer Thickness. Coatings, 14, 7, MDPI, 2024, 792. SJR (Scopus):0.493, JCR-IF (Web of Science):2.9 **Q2 (Scopus)** Линк	1.000	60.00
6	**Boshkova, N.**, Grancharov, G., Shipochka, M., **Avdeev, G.**, **Atanasova-Vladimirova, S.**, Stoilova, O., **Boshkov, N.**. Hybrid Zinc Coatings with Improved Corrosion Resistance Based on Chitosan Oligosaccharides. Metals, 14, 6, MDPI, 2024, ISSN:2075-4701, 636. SJR (Scopus):0.55, JCR-IF (Web of Science):2.6 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	57.14
7	**Djobov, I.**, **Jordanov, N.B.**, **Avdeev, G.**, **Karamanova, E.**, **Karamanov, A.**. Study the possibilities for using of clays from coal overburden for bricks production. Proceedings - 11th International Conference on Sustainable Solid Waste Menagement, 19-20.06.2024, Rhodes, Greece, 2024 **Друго** Линк	1.000	100.00
8	**Djobov, I.**, **Karamanova, E.**, **Avdev, G.**, **Karamanov, A.**. CHARACTERIZATION OF CLAYS FROM “MINES MARITSA IZTOK” AS RAW MATERIALS FOR CERAMIC INDUSTRY. Journal of Chemical Technology and Metallurgy, 59, 6, 2024, ISSN:13147471, DOI:10.59957/jctm.v59.i6.2024.7, 1331-1340. SJR (Scopus):0.19 **Q3 (Scopus)** Линк	1.000	100.00
9	**Georgieva, J.**, Boiadjieva-Scherzer, T., **Monev, M.**. INFLUENCE OF Ni CONTENT OF ELECTRODEPOSITED Pd-Ni ALLOY COATINGS ON THEIR ELECTROCATALYTIC ACTIVITY IN ALKALINE MEDIUM. Journal of Chemical Technology and Metallurgy, 59, 5, 2024, 1103-1108. SJR (Scopus):0.19 **Q3 (Scopus)** Линк	1.000	66.67
10	**Georgieva, M.**, **Petrova, M.**, Girginov, Chr.. Electroless deposition of copper coatings on dielectric materials”, chapter 5, “Electrochemical Methods for the Synthesis and Analysis of Advanced Functional Layers and Coatings. Electrochemical Methods for the Synthesis and Analysis of Advanced Functional Layers and Coatings, Cambridge Scholars Publishing, 2024, ISBN:978-1-0364-1096-4, 42, 177-219 **Международно академично издателство**	1.000	66.67

11	**Gochev, G.**, Campbell, R.A., Schneck, E., Zawala, J., Warszynski, P.. Exploring proteins at soft interfaces and in thin liquid films – From classical methods to advanced applications of reflectometry. Advances in Colloid and Interface Science, 329, 2024, DOI:10.1016/j.cis.2024.103187, 103187. SJR (Scopus):2.66, JCR-IF (Web of Science):15.9 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	20.00
12	**Gochev, G.**, Schneck, E., Miller, R.. Effects of Aqueous Isotopic Substitution on the Adsorption Dynamics and Dilational Rheology of β-Lactoglobulin Layers at the Water/Air Interface. Journal of Physical Chemistry B, 128, 11, 2024, DOI:10.1021/acs.jpcb.3c08417, 2821-2830. SJR (Scopus):0.76, JCR-IF (Web of Science):2.8 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	33.33
13	**Gyunver Hodjaoglu**, Adelina Miteva. Technologies for additive manifacturing of metal structures. International Scientific Journal "Machines, Technologies, Materials", 18, 9, Scientific-technical union of mechanical engineering, 2024, ISSN:1313-0226, 290-293 **Национално неакадемично издателство** Линк	1.000	50.00
14	**Gyurova, A.**, **Milkova, V.**, Iliev, I., Lazarova-Zdravkova, N., Rashev, V., Simeonova, L., Vilhelmova-Ilieva, N.. Anti-Coronavirus Activity of Chitosan-Stabilized Liposomal Nanocarriers Loaded with Natural Extracts from Bulgarian Flora. Life, 14, 2024, ISSN:2075-1729, 1180. SJR (Scopus):0.71, JCR-IF (Web of Science):3.2 **Q2 (Scopus)** Линк	1.000	28.57
15	**Jordanov, N. B.**, **Tatchev, D.**, **Djobov, I.**, **Karamanov, A.**. Sintered foams obtained from different iron-rich waste. Proceedings - 11th International Conference on Sustainable Solid Waste Menagement, 19-20.06.2024, Rhodes, Greece, 2024 **Друго** Линк	1.000	100.00
16	**Jordanov, N.**, **Tatchev, D.**, **Karamanova, E.**, **Karamanov, A.**. Influence of the pressure of compacted glass powders on the final structure of sintered glass-ceramics. Heliyon, 10, 20, 2024, ISSN:2405-8440, e39237. JCR-IF (Web of Science):3.3 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	100.00
17	**Kamburova K.**, **Boshkova N.**, **Radeva Ts.**, Shipochka M., **Boshkov N.**. Chitosan-alginate nanocontainers with caffeine as green corrosion inhibitors for protection of galvanized steel. Crystals, 14, 7, MDPI, 2024, 660. SJR (Scopus):0.449, JCR-IF (Web of Science):2.4 **Q2 (Scopus)** Линк	1.000	80.00
18	**Kamburova K.**, **Dimitrov I.L.**, **Hodzhaoglu F.**, **Milkova V.**. Investigation of the Aggregation of Aβ Peptide (1-40) in the Presence of κ-Carrageenan-Stabilised Liposomes Loaded with Homotaurine. Molecules, 29, 15, MDPI, 2024, ISSN:1420-3049, DOI:https://doi.org/10.3390/molecules29153460, 3460-3474. SJR (Scopus):0.74, JCR-IF (Web of Science):4.2 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	100.00
19	**Karamanov, A.**, **Karamanova, E.**, Kostov-Kytin, V.. About the sintering of historical “yellow bricks” of Sofia. Journal of Chemical Technology and Metallurgy, 59, 6, 2024, ISSN:13147471, DOI:10.59957/jctm.v59.i6.2024.22, 1451-1460. SJR (Scopus):0.19 **Q3 (Scopus)** Линк	1.000	66.67
20	**Karamanov, A.**, **Karamanova, E.**. Utilization of asbestos waste in the synthesizes of “historical” yellow cobblestones of Sofia. Proceedings - 11th International Conference on Sustainable Solid Waste Menagement, 19-20.06.2024, Rhodes, Greece, 2024 **Друго** Линк	1.000	100.00
21	**Karamanova, E.**, **Atanasova, S.**, **Piroeva, I.**, **Karamanov, A.**. Particularities of the structure and properties of building bricks and ceramic tiles, obtained using high amount of incinerator bottom ash. Proceedings (Poster Session) - 11th International Conference on Sustainable Solid Waste Menagement, 19-20.06.2024, Rhodes, Greece, 2024 **Друго** Линк	1.000	100.00
22	**Milchev A.**, Schmitt M.P., Virnau P.. Effect of simple shear on knotted polymer coils and globules. Journal of Chemical Physics, 161, 22, 2024, DOI:10.1063/5.0236904, 224905. SJR (Scopus):1.1, JCR-IF (Web of Science):3.1 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	33.33
23	**Milkova V.**, **Boshkova N.**, Grancharov G., Stoilova O., **Boshkov N.**. Corrosion Behavior of Hybrid Zinc Coatings Based on Chitosan and Corrosion Inhibitor BTA: Effect of the Molecular Weight and ζ-Potential. Coatings, 14, 4, MDPI, 2024, 495. SJR (Scopus):0.493, JCR-IF (Web of Science):2.9 **Q2 (Scopus)** Линк	1.000	60.00
24	**Peshova M.**, **Bachvarov V.**. Investigation of the inhibiting effect of environmentally friendly cerium-containing conversion films on the corrosion of zinc coatings. Journal of Physics: Conference Series (JPCS), 2710, 1, IOP Publishing ltd., 2024, ISSN:17426588, DOI:10.1088/1742-6596/2710/1/012001, 1-5. SJR (Scopus):0.18 **SJR, непопадащ в Q категория (Scopus)** Линк	1.000	100.00
25	**Peychev B.**, **Arabadzhieva D.**, **Minkov I.**, **Dimitrova I.**, **Mileva E.**, Smoukov S., Slavchov R.. Measuring the Equilibrium Spreading Pressure—A Tale of Three Amphiphiles. Molecules, 29, 17, 2024, DOI:https://doi.org/10.3390/molecules29174004, 4004-4017. SJR (Scopus):0.744, JCR-IF (Web of Science):4.2 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	71.43
26	Adelina Mitev, **Gyunver Hodjaoglu**. Applications of recycled aluminum in the modern food industry. Proceeding of Knowledge, Science, Innovations, Technology, 1, 4, Insitute of Knowledge, Science and Innovations, 2024, ISSN:2815-3480, 1336-1350 **Международно академично издателство (CEEOL (Central and Eastern European Online Library))** Линк	1.000	50.00
27	Banti, A., Zafeiridou, C., Charalampakis, M., Spyridou, O.-N., **Georgieva, J.**, Binas, V., Mitrousi, E., Sotiropoulos, S.. IrO2 Oxygen Evolution Catalysts Prepared by an Optimized Photodeposition Process on TiO2 Substrates. Molecules, 29, 10, 2024, 2392. SJR (Scopus):0.74, JCR-IF (Web of Science):4.2 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	12.50

28	Bojinov, M., Betova, I., Karastoyanov, V., **Avdeev, G.**. Corrosion of Stainless Steel in Simulated Nuclear Reactor Primary Coolant—Experiments and Modeling. Materials, 17, 5, MDPI, 2024, ISSN:1996-1944, DOI:10.3390/ma17051148, SJR (Scopus):0.565, JCR-IF (Web of Science):3.1 **Q2 (Scopus)** Линк	1.000	25.00
29	Borisov, Galin, **Bachvarov, Vasil**, **Rashkov, Rashko**, Slavcheva, Evelina. Advanced Alkaline Water Electrolysis Stack with Non-Noble Catalysts and Hybrid Electrical Connections of the Single Cells. Catalysts, 14, 3, Multidisciplinary Digital Publishing Institute (MDPI), 2024, ISSN:20734344, DOI:10.3390/catal14030179, 179. SJR (Scopus):0.693, JCR-IF (Web of Science):3.8 **Q2 (Scopus)** Линк	1.000	50.00
30	Daskalova, A., Ahlhelm, M., Angelova, L., Filipov, E., **Avdeev, G.**, **Tatchev, D.**, Fernandes, Maria-Helena, Vig, S., Buchvarov, I.. Ultra-short laser processing of 3D bioceramic, porous scaffolds designed by freeze foaming method for orthopedic applications. Frontiers in Cell and Developmental Biology, 12, 2024, ISSN:2296-634X, DOI:10.3389/fcell.2024.1447979, 1447979. SJR (Scopus):1.576, JCR-IF (Web of Science):4.6 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	22.22
31	Devlova, P., Manova, R., **Rangelov, B.**, **Avdeev, G.**. INTERDISCIPLINARY STUDIES OF A PHALLUS-SHAPED JEWELLERY FROM APOLLONIA PONTICA, BULGARIA.. ACTA MUSEI TIBERIOPOLITANI, 5, 1, NI Institute for protetction of cultural monuments and Museum Strumica, 2024, 99-109 **Национално неакадемично издателство** Линк	1.000	50.00
32	Dikovska, Anna Og, Karashanova, D., Atanasova, G., **Avdeev, G.**, Atanasov, P., Nedyalkov, Nikolay N.. Fabrication of Nanostructures Consisting of Composite Nanoparticles by Open-Air PLD. Coatings, 14, 5, MDPI, 2024, ISSN:2079-6412, DOI:10.3390/coatings14050527, SJR (Scopus):0.493 **Q2 (Scopus)** Линк	1.000	16.67
33	Dolashka, P., Marinova, K., Petrov, P., Petrova, V., **Ranguelov, B.**, **Atanasova-Vladimirova, S.**, Kaynarov, D., Stoycheva, I., Pisareva, E., Tomova, A., Kosateva, A., Velkova, L., Dolashki, A.. Development of CuO Nanoparticles from the Mucus of Garden Snail Cornu aspersum as New Antimicrobial Agents. Pharmaceuticals, 17, 506, MDPI, 2024, ISSN:1424-8247, 1-25. SJR (Scopus):0.85, JCR-IF (Web of Science):4.6 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	15.38
34	Elenkova D., Gagashev D., **Encheva E.**, Tsvetkov M.. Effect of different lanthanide ions on the catalytic activation of peroxymonosulfate with lanthanide metal-organic frameworks (Ln-MOFs) with terephthalic acid. IOP Conference Series: Earth and Environmental Science, 1305, 2024, ISSN:17551307, DOI:10.1088/1755-1315/1305/1/012013, SJR (Scopus):0.2 **SJR, непопадащ в Q категория (Scopus)** Линк	1.000	25.00
35	Filipov E., Delibaltov D., Stefanov R., Blagoev B.S., **Avdeev G.**, Terziyska P., Stoykov R., Daskalova A.. Surface functionalization of 3D printed poly-ϵ-caprolactone by ultrashort laser mirostructuring and ZnO nanolayer deposition. Journal of Physics: Conference Series, 2710, 1, 2024, ISSN:1742-6588, DOI:10.1088/1742-6596/2710/1/012018, SJR (Scopus):0.18 **SJR, непопадащ в Q категория (Scopus)** Линк	1.000	12.50
36	Filipov, E., Yildiz, R., Dikovska, A., Sotelo, L., Soma, T., **Avdeev, G.**, Terziyska, P., Christiansen, S., Leriche, A., Fernandes, Maria Helena, Daskalova, A.. Design of Laser Activated Antimicrobial Porous Tricalcium Phosphate-Hydroxyapatite Scaffolds for Orthopedic Applications. Journal of Functional Biomaterials, 15, 2, MDPI, 2024, ISSN:2079-4983, DOI:10.3390/jfb15020036, SJR (Scopus):0.722, JCR-IF (Web of Science):5 **Q2 (Scopus)** Линк	1.000	9.09
37	Gancheva M., Iordanova R., Koseva I., **Avdeev G.**, Ivanov P.. Direct mechanochemical synthesis of CaMoO4 and Dy3+ doped CaMoO4 nanoparticles and their photoluminescent properties. Ceramics International, 50, 15, 2024, ISSN:0272-8842, DOI:10.1016/j.ceramint.2024.04.281, 26361-26370. SJR (Scopus):0.938 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	20.00
38	Georgiev G., **Minkov. I.**, Balashev K.. The Langmuir Monolayer as a Model Membrane System for Studying the Interactions of Poly(Butyl Cyanoacrylate) Nanoparticles with Phospholipids at the Air/Water Interface. Membranes, MDPI, 2024, DOI:https://doi.org/10.3390/membranes14120254, 254. SJR (Scopus):0.551, JCR-IF (Web of Science):3.3 **Q2 (Web of Science)** Линк	1.000	33.33
39	Harizanova R., Mihailova I., Georgieva M., Tzankov D., Cherkezova-Zheleva Z., Paneva D., Avramova I., Karashanova D., **Avdeev G.**, Gugov I., Setzer A., Esquinazi P.. Magnetite crystallization in a sodium-calcium-silicate glass with high iron oxide concentration–Effect on the magnetic properties. Journal of Non-Crystalline Solids, 634, Elsevier, 2024, ISSN:0022-3093, DOI:10.1016/j.jnoncrysol.2024.122986, SJR (Scopus):0.655 **Q2 (Scopus)** Линк	1.000	8.33
40	Harizanova, R., Mihailova, I., Cherkezova-Zheleva, Zara, Paneva, D., Georgieva, M., Tzankov, D., **Avdeev, G.**, Rüssel, C.. Glass–crystalline materials with high iron oxide concentration: Phase composition, redox ratio and magnetic properties. Boletin de la Sociedad Espanola de Ceramica y Vidrio, 63, 1, Sociedad Espanola de Ceramica y Vidrio, 2024, ISSN:0366-3175, DOI:10.1016/j.bsecv.2023.04.001, 23-32. SJR (Scopus):0.463, JCR-IF (Web of Science):2.7 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	12.50
41	Hikov, A., Milakovs, Z., Stavrev, M., Chavdarova, S., **Avdeev, G.**. Mn-Fe mineralizations in Paleogene volcanogenic rocks from the area of Perperek village, Eastern Rhodopes: Geochemical features and formation conditions. REVIEW OF THE BULGARIAN GEOLOGICAL SOCIETY, 85, 2, 2024, ISSN:0007-3938, DOI:10.52215/rev.bgs.2024.85.2.171, 171-174. JCR-IF (Web of Science):0.2 **Q4 (Web of Science)** Линк	1.000	20.00
42	Ilcheva V., Boev V., Lefterova E., **Avdeev G.**, Dimitrov O., Bojanova N., Kolev H., Petkova T.. Effect of Gadolinium Doping on the Structure of Ce1-xGdxO2-x/2 Solid Solutions Prepared by Ionic Gelation Approach. Emerging Science Journal, 8, 5, Ital	1.000	12.50

	Publication, 2024, ISSN:2610-9182, DOI:10.28991/ESJ-2024-08-05-01, 1686-1696. SJR (Scopus):0.754 **Q1, не оглавява ранглистата (Scopus)** Линк		
43	Javadi, A., Liggieri, L., Aksenenko, E. V., **Gochev, G. G.**, Miller, R.. Advances in drop and bubble profile analysis tensiometry. Current Opinion in Colloid & Interface Science, 73, 2024, DOI:10.1016/j.cocis.2024.101846, 101846. SJR (Scopus):1.45, JCR-IF (Web of Science):7.9 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	20.00
44	Kajouri, R., Theodorakis, P.E., **Milchev, A.**. Durotaxis and Antidurotaxis Droplet Motion onto Gradient Gel-Substrates. Langmuir, 40, 33, 2024, ISSN:07437463, DOI:10.1021/acs.langmuir.4c02257, 17779-17785. SJR (Scopus):0.79 **Q1, не оглавява ранглистата** Линк	1.000	33.33
45	Kaleicheva, J., Lazarova, R., **Avdeev, G.**, Mishev, V., Karaguiozova, Z., Kirov, K.. Investigation on Phase Composition and Microstructure of High Chromium White Cast Irons Alloyed with Boron. EnviVide. Tehnologija. Resursi - Environment, Technology, Resources. Proceedings of the 15th International Scientific and Practical ConferenceJune 27th –28th,2024, 3, 2024, ISBN:978-171389957-0, ISSN:16915402, DOI:10.17770/etr2024vol3.8162, 123-126 **Международно академично издателство (Scopus)** Линк	1.000	16.67
46	Karailieva, V., **Avdeev, G.**, **Andreeva, R.**. Restoration and Analyses of the Engobe Layer of an Amphora from the Underwater Excavations in the River Ropotamo. BULLETIN OF THE BURGAS MUSEUM, IX, 2024, ISSN:2815-4010, 353-369 **Национално неакадемично издателство** Линк	1.000	66.67
47	Kiradzhiyska, D., Batsalova, T., Dzhambazov, B., Milcheva, N., Gavazov, K., Zahariev, N., **Avdeev, G.**, Simeonova, S.. Synthesis, Characterization, and Cytotoxicity Evaluations of Silver–Zeolite Nanocomposite. Coatings, 14, 6, MDPI, 2024, ISSN:2079-6412, DOI:10.3390/coatings14060681, SJR (Scopus):0.493 **Q2 (Scopus)** Линк	1.000	12.50
48	Kostov-Kytin, V, Nikolov, A., Velyanova, G., Tsvetanova, L.,, **Karamanov, A.**. Preliminary studies of Bulgarian natural raw materials as possible sources for the synthesis of high-quality ceramics of the “yellow” pavers type. REVIEW OF THE BULGARIAN GEOLOGICAL SOCIETY, 85, 2, 2024, ISSN:0007-3938, DOI:10.52215/rev.bgs.2024.85.2.28, 28-43. JCR-IF (Web of Science):0.2 **Q4 (Web of Science)** Линк	1.000	20.00
49	MANOVA, R., ALEXANDROV, S., **RANGELOV, B.**, **ATANASOVA-VLADIMIROVA, S.**. Red ochre from Early Bronze Age graves in Malomirovo. From the Steppes to the Balkans Yamna Culture in Upper Thrace, 5, Archaeolingua, 2024, ISBN:978-615-5766-71-8, 211-228 **Международно академично издателство** Линк	1.000	50.00
50	Marinova, V., Minev, N., Napoleonov, B., Karashanova, D., Rafailov, P., Kovacheva, D., Strijkova, V., **Ranguelov, B.**, Mussi, V., Fuscaldo, W., Zografopoulos, D.C., Dimitrov, D.. PdSe2 single crystals synthesized by the self-flux method. Journal of Crystal Growth, 2024, ISSN:00220248, DOI:10.1016/j.jcrysgro.2024.127812, SJR (Scopus):0.38 **Q2 (Scopus)** Линк	1.000	8.33
51	Napoleonov, B., Petrova, D., Minev, N., Rafailov, P., Videva, V., Karashanova, D., **Ranguelov, B.**, **Atanasova-Vladimirova, S.**, Strijkova, V., Dimov, D., Dimitrov, D., Marinova, V. Growth of monolayer MoS2 flakes via close proximity re-evapo- 2 ration. Nanomaterials, 14, MDPI, 2024, ISSN:2079-4991, DOI:10.3390/nano14141213, 1-13. SJR (Scopus):0.8, JCR-IF (Web of Science):4.4 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	16.67
52	Pantcheva I., Petkov N., **Encheva E.**, Kolev S., Simova S., Tsanev A., Dorkov P., Ugrinov A.. Heteronuclear Complexes of Hg(II) and Zn(II) with Sodium Monensinate as a Ligand. Molecules, 29, 13, MDPI, 2024, ISSN:14203049, DOI:10.3390/molecules29133106, 3106-3121. SJR (Scopus):0.74, JCR-IF (Web of Science):4.2 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	12.50
53	Petkov N., Boyadzhiev M., Bozhilova N., Dorkov P., **Encheva E.**, Ugrinov A., Pancheva I.. Cobalt(II) and Manganese(II) Complexes of Sodium Monensinate a Bearing Nitrate Co-Ligands. International Journal of Molecular Sciences, 25, 22, MDPI, 2024, DOI:10.3390/ijms252212129, 12129-12141. SJR (Scopus):1.18, JCR-IF (Web of Science):4.9 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	14.29
54	Petkov N., Tadjer A., **Encheva E.**, Cherkezova-Zheleva Z., Paneva D., Stoyanova R., Kukeva R., Dorkov P., Pantcheva I.. Experimental and DFT Study of Monensinate and Salinomycinate Complexes Containing {Fe3(μ3–O)}7+ Core. Molecules, 29, 2, MDPI, 2024, ISSN:14203049, DOI:10.3390/molecules29020364, 364-378. SJR (Scopus):0.74, JCR-IF (Web of Science):4.2 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	11.11
55	Peychev B., **Arabadzhieva D.**, **Minkov I.**, Slavchov R.. Quantifying the Hydrophobic Effect per CF2 Moiety from Adsorption of Fluorinated Alcohols at the Water/Oil Interface. Molecules, 29, 7, 2024, DOI:https://doi.org/10.3390/molecules29071421, 1421-1432. SJR (Scopus):0.74, JCR-IF (Web of Science):4.2 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	50.00
56	Qiao Z., Yang H., Liu Y., Chen X., Feng X., Liu X., Zhang B., Huang J., Dan Y., **Boshkov N.**, Li H.. A Comparative Study on Anti-corrosion and Antifouling Performance of Marine High Density Polyethylene-Capsaicin Composite Coatings with Different Biocide Content. Journal of Thermal Spray Technology, 33, Springer, 2024, 88-100. SJR (Scopus):0.608, JCR-IF (Web of Science):3.2 **Q2 (Scopus)** Линк	1.000	9.09
57	Rafailov, P., Mehandzhiev, V., Sveshtarov, P., Blagoev, B., Terziyska, P., Avramova, I., Kirilov, K., **Ranguelov, B.**, **Avdeev, G.**, Petrov, S., Lin , Shiuan Huei. Atomic Layer Deposition Growth and Characterization of Al2O3 Layers on Cu-Supported CVD	1.000	18.18

	Graphene. Coatings, 14, 6, MDPI, 2024, ISSN:2079-6412, DOI:10.3390/coatings14060662, 662-675. SJR (Scopus):0.493, JCR-IF (Web of Science):2.9 **Q2 (Scopus)** Линк		
58	Sayed, Mohamed H., Dilova, T., Atanasova, G., **Avdeev, G.**, Boshta, M., Dikovska, Anna Og., Gomaa, Mohammed M.. Enhanced gas sensing performance of sprayed ZnO-ZnWO4 toward CO gas. Materials Advances, 5, 12, Royal Society of Chemistry, 2024, ISSN:2633-5409, DOI:10.1039/d4ma00121d, 5140-5147. SJR (Scopus):1.033 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	14.29
59	Slavchov R., **Peychev B.**, **Minkov I.**. Electrolytes at Uncharged Liquid Interfaces: Adsorption, Potentials, Surface Tension, and the Role of the Surfactant Monolayer. Langmuir, 40, 33, 2024, DOI:https://doi.org/10.1021/acs.langmuir.4c01388, 17170-17189. SJR (Scopus):0.786, JCR-IF (Web of Science):3.3 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	66.67
60	Stamberov, P., **Tatchev, D.**. Use of X-ray Microtomography to Detect Lead-shot Microparticles in Earthworms Lumbricus terrestris Linnaeus, 1758 (Clitellata: Lumbricidae). Acta Zoologica Bulgarica, 76, 2, 2024, ISSN:0324-0770, 207-214. SJR (Scopus):0.22, JCR-IF (Web of Science):0.4 **Q4 (Scopus)** Линк	1.000	50.00
61	Stamboliyska, B., Tapanov, S., Velcheva, E., **Atanasova-Vladimirova, S.**, **Ranguelov, B.**, Guncheva, M., Stoyanov, S., Yancheva, D.. Materials and Techniques of the Mural Paintings in the Church-Ossuary of the Rila Monastery, Bulgaria. Minerals, 14, 11, MDPI, 2024, ISSN:2075-163X, DOI:https://doi.org/10.3390/min14111115, 1115-1132. SJR (Scopus):0.5, JCR-IF (Web of Science):2.2 **Q2 (Scopus)** Линк	1.000	25.00
62	Titorenkova, R., Dimitrov, T., Antonov, D., Tzvetanova, Y., Tsvetanova, L., **Piroeva, I.**. AUGITE-BASED CERAMICS OBTAINED BY SOLID-STATE SINTERING OF LOESS. Journal of Chemical Technology and Metallurgy, 59, 6, 2024, ISSN:13147471, DOI:10.59957/jctm.v59.i6.2024.21, SJR (Scopus):0.19 **Q3 (Scopus)** Линк	1.000	16.67
63	Varbeva, M. G., **Avdeev, G. V.**, Kovacheva, P. G.. Impact of sharp weather warming on the exchangeable forms of 137Cs in soils and its bioaccumulation in orchard grass. Bulgarian Chemical Communications, 56, Special Issue C, 2024, DOI:10.34049/bcc.56.E.SI-12, 116-122. SJR (Scopus):0.148 **Q4 (Scopus)** Линк	1.000	33.33
64	Yanakieva, D., Encheva, S., Stanchev, H., Tzvetkov, P., **Atanasova-Vladimirova, S.**, Gospodinov, N., Nesheva, L.. Natural arsenic bronze from the Varten Kamak copper occurrence, SW Bulgaria. REVIEW OF THE BULGARIAN GEOLOGICAL SOCIETY, 85, 2, 2024, ISSN:0007-3938, DOI:https://doi.org/10.52215/rev.bgs.2024.85.2.132, 132-135. JCR-IF (Web of Science):0.2 **Q4 (Web of Science)** Линк	1.000	14.29
65	Yaneva, B., Shentov, P., Bogoev, D., Mutafchieva, M., **Atanasova-Vladimirova, S.**, Dimitrov, K., Vladova, D.. Gingival Margin Damage During Supragingival Dental Polishing by Inexperienced Operator. Journal of Functional Biomaterials, 15, 12, MDPI, 2024, ISSN:20794983, DOI:10.3390/jfb15120374, 374-383. SJR (Scopus):0.72, JCR-IF (Web of Science):5 **Q2 (Scopus)** Линк	1.000	14.29
Коригиран брой: 65.000			