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**: 2021 ÷ 2021
- **Тип записи**: Записи, които влизат в отчета на звеното

№	Публикация	Резултат от проверката	
1	**Andreeva, R.**, **Stoyanova, E.**, Tsanev, A., **Stoychev, D.**. Influence of the Pre-Treatment and Post-Treatment Operations on the Surface Chemistry and Corrosion Behavior of Cerium-Based Conversion Coatings on Aluminum. Book Chapter No 1 in: Current Advances in Chemistry and Biochemistry, Vol.7, pp.1-28, Editor(s) Dr. Aurora Martínez Romero, Juarez University, Durango, USA., 7, 1, Book Publisher International, 2021, ISBN:978-93-91215-56-9 (Print) 978-93-91215-57-6 (eBook), DOI:https://doi.org/10.9734/bpi/cacb/v7/8429D, 28, 1-28 **Международно академично издателство**	**Международно академично издателство**	
2	**Andreeva, R.**, **Stoychev, D.**. CORROSION CHARACTERISATION OF THE INFLUENCE OF PHOSPHATE POST-TREATMENT OF CHEMICALLY DEPOSITED CERIA PROTECTIVE CONVERSION COATINGS ON ALUMINIUM. C. R. Acad. Bulg. Sci., 74, No 9, "Prof.Marin Drinov - BAS", 2021, ISSN:1310–1331 (Print) ISSN 2367–5535 (Online), DOI:DOI:10.7546/CRABS.2021.09.06, 1314-1323. SJR (Scopus):0.244, JCR-IF (Web of Science):0.378 **Q2 (Scopus)** Линк	Q2	
3	**Arabadzhieva, D.**, **Gyurova, A.**, **Minkov, I. L.**, Chinarev, A., **Mileva, E.**. Fine-tuning of bulk and interfacial characteristics of two-antennary oligoglycines in aqueous solutions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 630, ELSEVIER, 2021, ISSN:0927-7757, DOI:https://doi.org/10.1016/j.colsurfa.2021.127591, 1-11. SJR (Scopus):0.762, JCR-IF (Web of Science):4.539 **Q2 (Scopus)** Линк	Q2	
4	**Boshkova, N.**, **Kamburova, K.**, **Radeva, T.**, **Boshkov, N.**. “Hybrid zinc-based multilayer systems with improved protective ability against localized corrosion incorporating polymer-modified ZnO or CuO particles”. Coatings, 11, 10, MDPI, 2021, ISSN:2079-6412, 1223. SJR (Scopus):0.484, JCR-IF (Web of Science):2.881 **Q2 (Scopus)** Линк	Q2	
5	**Boshkova, N.**, **Kamburova, K.**, **Radeva, Ts.**, **Boshkov, N.**. „Composite zinc coatings with polymeric modified CuO nanoparticles against corrosion and biofouling of steel“. Journal of International Scientific Publications: Materials, Methods & Technologies, 15, International Scientific Publications, 2021, ISSN:1313-2539, 21 **Друго**	Международно неакадемично	
6	**Chakarova, V.**, Boiadjieva-Scherzer, Tz., Kovacheva, D., Kronberger, H., **Monev, M.**. Corrosion behavior of ζ-CrZn13 phase obtained by annealing of electrodeposited Zn-Cr coating. Electrochemistry communications, 122, Elsevier B.V., 2021, ISSN:1388-2481, DOI:10.1016/j.elecom.2020.106904, SJR (Scopus):1.223, JCR-IF (Web of Science):4.333 **Q1, не оглавява ранглистата (Web of Science)** Линк	Q1	
7	**Dimitrova, N.**, Banti, A., Spyridou, O.-N., Papaderakis, A., **Georgieva, J.**, Sotiropoulos, S., Valova, E., Armyanov, S., **Tatchev, D.**, Hubin, A., Baert, K.. Photodeposited IrO2 on TiO2 support as a catalyst for oxygen evolution reaction. Journal of Electroanalytical Chemistry, 900, Elsevier, 2021, ISSN:1572-6657, 115720. SJR (Scopus):0.845, JCR-IF (Web of Science):4.464 **Q1, не оглавява ранглистата (Scopus)** Линк	Q1	
8	**Georgieva, M.**, Girginov, Ch., **Petrova, M.**, **Lazarova, D.**, Dobreva, Ek., Kozhukharov, S.. Electroless copper plating of dielectrics from environmentally friendly reducer-free electrolyte. Trans. IMF, 99, 5, 2021, ISSN:0020-2967, 238-245. SJR (Scopus):0.293, JCR-IF (Web of Science):1.244 **Q3 (Scopus)** Линк	Q3	
9	**Gochev, G.G.**, Kovalchuk, V.I., Aksenenko, E.V., Fainerman, V.B., Miller, R.. β-Lactoglobulin Adsorption Layers at the Water/Air Surface: 5. Adsorption Isotherm and Equation of State Revisited, Impact of pH.. Colloids and Interfaces, 5, 1, MDPI, 2021, ISSN:2504-5377, DOI:https://doi.org/10.3390/colloids5010014, 1-26 **Международно академично издателство (Scopus)** Линк	**Международно академично**	
10	**Gyurova, A.Y.**, Berberov, K., Chinarev, A., **Nikolov, L**, Karashanova, D., **Mileva, E.**. Effect of pH-regulation on the capture of lipopolysaccharides from E.coli EH100 by four-antennary oligoglycines in aqueous media. Materials, 14, 24, MDPI, 2021, ISSN:19961944, DOI:https://doi.org/10.3390/ma14247659, 1-18. SJR (Scopus):0.682, JCR-IF (Web of Science):3.623 **Q2 (Scopus)** Линк	Q2	

11	**Jordanov, N.B.**, Georgiev, I., **Karamanov, A.**. Sintered Glass-Ceramics, Self-Glazed Materials and Foams from MetallurgicalWaste Slag. Materials, 14, 2263, MDPI, 2021, ISSN:1996-1944, DOI:10.3390/ma14092263, SJR (Scopus):0.682, JCR-IF (Web of Science):3.623 **Q2 (Scopus)** Линк	Q2	
12	**Kamburova, K.**, **Boshkova, N.**, **Boshkov, N.**, **Radeva, Ts.**. Composite coatings with polymeric modified ZnO nanoparticles and nanocontainers with inhibitor for corrosion protection of low carbon steel. COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS, 609, Elsevier, 2021, ISSN:18734359, DOI:10.1016/j.colsurfa.2020.125741, 125741. SJR (Scopus):0.762, JCR-IF (Web of Science):3.99 **Q2 (Scopus)** Линк	Q2	
13	**Kamburova, K.**, **Boshkova, N.**, **Boshkov, N.**, **Radeva,Ts.**, Atanasova, G.. "Corrosion protection of electrogalvanised steel by application of non-conducting polyaniline-silica particles". Transactions of the Institute of Metal Finishing, 99, 4, 2021, ISSN:00202967, 17459192, 181. SJR (Scopus):0.293, JCR-IF (Web of Science):1.244 **Q3** Линк	Q3	
14	**Karamanov, A.**, **Karamanova, E.**, Barbieri, L., Fernada, A., Shabach, L., Taurino, R.. SINTERING AND PHASE FORMATION OF CERAMICS BASED ON PRE-TREATED MUNICIPAL INCINERATOR BOTTOM ASH . Open Ceramics, 5, March 2021, Elsevier, 2021, ISSN:2666-5395, DOI:10.1016/j.oceram.2020.100044, 100044 **Друго (Scopus)** Линк	Referira se Scopus	
15	**Lyutov, V.**, Kabanova, V., Gribkova, O., Nekrasov, A., **Tsakova, V.**. Electrochemically obtained polysulfonates doped poly(3,4-ethylenedioxythiophene) films—Effects of the dopant's chain flexibility and molecular weight studied by electrochemical, microgravimetric and XPS methods. Polymers, 13, 2021, ISSN:20734360, DOI:10.3390/polym13152438, 2438. SJR (Scopus):0.77 **Q1, не оглавява ранглистата (Scopus)** Линк	Q1	
16	**Milchev, A.**, Binder, K.. ADSORPTION OF SEMIFLEXIBLE POLYMERS IN CYLINDRICAL TUBES. Langmuir, 37, 40, 2021, ISSN:0743-7463, DOI:10.1021/acs.langmuir.1c01715, 11759-11770. SJR (Scopus):1.042, JCR-IF (Web of Science):3.77 **Q1, не оглавява ранглистата (Scopus)** Линк	Q1	
17	**Milchev, A.**, Binder, K.. CYLINDRICAL CONFINEMENT OF SOLUTIONS CONTAINING SEMIFLEXIBLE MACROMOLECULES: SURFACE-INDUCED NEMATIC ORDER VERSUS PHASE SEPARATION. Soft Matter, 17, 12, 2021, ISSN:1744-683X, DOI:10.1039/D1SM00172H, 3443-3454. SJR (Scopus):0.99, JCR-IF (Web of Science):3.679 **Q1, не оглавява ранглистата (Scopus)** Линк	Q1	
18	**Milchev, A.**, Egorov, S. A., Arash N. A., Binder, K.. PHASE SEPARATION AND NEMATIC ORDER IN LYOTROPIC SOLUTIONS: TWO TYPES OF POLYMERS WITH DIFFERENT STIFFNESSES IN A COMMON SOLVENT. Soft Matter, 125, 3, 2021, ISSN:1744-6848, DOI:10.1021/acs.jpcb.0c10411, 956-969. SJR (Scopus):0.99, JCR-IF (Web of Science):2.991 **Q1, не оглавява ранглистата (Scopus)** Линк	Q1	
19	**Milchev, A.**, Egorov, S. A., Binder, K.. PHASE SEPARATION IN A BINARY MIXTURE OF SEMIFLEXIBLE POLYMERS CONFINED IN A REPULSIVE SPHERE. Macromolecules, 54, 13, 2021, ISSN:0024-9297, DOI:10.1021/acs.macromol.1c00785, 6312-6326. SJR (Scopus):1.994, JCR-IF (Web of Science):5.985 **Q1, не оглавява ранглистата (Scopus)** Линк	Q1	
20	**Milchev, A.**, Egorov, S. A., Midya, J., Binder, K., Nikoubashman, A.. BLENDS OF SEMIFLEXIBLE POLYMERS: INTERPLAY OF NEMATIC ORDER AND PHASE SEPARATION. Polymers, 13, 14, MDPI, 2021, ISSN:2073-4360, DOI:10.3390/polym13142270, SJR (Scopus):0.77, JCR-IF (Web of Science):4.329 **Q1, не оглавява ранглистата (Scopus)** Линк	Q1	
21	**Milkova, V.**. Chitosan-stabilized oil-in-water nanoemulsions: electrokinetic properties. Handbook of research on nanoemulsion applications in agriculture, food, health, and biomedical Sciences", IGI Global, 2021, ISBN:9781799883784, DOI:10.4018/978-1-7998-8378-4 **Друго** Линк	Glava mevdunarodno	
22	**Milkova, V.**. Electrosteric stabilization of oil/water emulsions by adsorption of chitosan oligosaccharides - An electrokinetic study. Carbohydrate polymers, 265, Elsevier, 2021, ISSN:0144-8617, DOI:10.1016/j.carbpol.2021.118072, 118072. SJR (Scopus):1.64, JCR-IF (Web of Science):9.381 **Q1, не оглавява ранглистата (Scopus)** Линк	Q1	
23	**Minkov, I. L.**, Dimitrova, I. M., **Arabadzhieva, D.**, **Mileva, E.**, Slavchov, R. I.. The cause of accelerated desorption of sparingly soluble dodecanol monolayers: Convection or leakage?. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 629, 20, ELSEVIER, 2021, ISSN:0927-7757, DOI:10.1016/j.colsurfa.2021.127414, 1-9. SJR (Scopus):0.762, JCR-IF (Web of Science):4.539 **Q2 (Scopus)** Линк	Q2	
24	**Mirchev, N.**, **Lazarova, D.**, **Georgieva, M.**, **Petrova, M.**, **Tatchev, D.**, **Avdeev, G.**. Preparation of Cu/ZrW2O8 structures by chemical deposition from formaldehyde-free solution. Transactions of the IMF, 100, 1, Taylor & Francis, 2021, ISSN:0020-2967, DOI:10.1080/00202967.2021.2005356, 18-24. SJR (Scopus):0.293, JCR-IF (Web of Science):1.244 **Q3** Линк	Q3	
25	**Nakova, A.**, **Ilieva, M.**, Czibula, C., Teichert, C., **Tsakova, V.**. PEDOT-supported Pd nanocatalysts – oxidation of formic acid. Electrochimica Acta, 374, Elsevier, 2021, ISSN:0013-4686, DOI:10.1016/j.electacta.2021.137931, 137931. SJR (Scopus):1.534 **Q1, не оглавява ранглистата (Web of Science)** Линк	Q1	
26	**Nikolov, L.**. Hydrodynamic Boundary Layers at Solid Wall—A Tool for Separation of Fine Solids. Colloids and Interfaces, 5, 1, MDPI, 2021, ISSN:2504-5377, DOI:10.3390/colloids5010011, 1-14 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	Q1	
27	**Petrova, M.**, **Georgieva, M.**, **Lazarova, D.**, Dobrev, D., Pavlov, Ts.. Electroless metallisation of ABS polymer samples produced by	Q3	

	different technologies. Trans. IMF, 99, 4, 2021, ISSN:0020-2967, 188-193. SJR (Scopus):0.293, JCR-IF (Web of Science):1.244 **Q3 (Scopus)** Линк		
28	Balchev, I., Nurgaliev, T., Kostadinov, I., Lakov, L., Aleksandrova, M., **Avdeev, G.**, Valcheva, E., Russev, S., Genkov, K., Milenov, T.. RF magnetron sputtering of Bi12TiO20thin films on various substrates. J. Phys. Conf. Ser., 2021, ISSN:1742-6588, DOI:10.1088/1742-6596/1859/1/012060, SJR (Scopus):0.21 **Q4 (Scopus)** Линк	Q4	
29	Borisov, G., **Bachvarov, V.**, Penchev, H., **Rashkov, R.**, Slavcheva, E.. Multi-metallic electrodeposited catalysts applicable for oxygen evolution reaction in AEM water electrolysis. Materials letters, 286, Elsevier, 2021, ISSN:0167-577X, 129248-129250. SJR (Scopus):0.755, JCR-IF (Web of Science):3.423 **Q1, не оглавява ранглистата (Scopus)** Линк	Q1	
30	Christina, Tz., Novo, L. A. B., **Atanasova - Vladimirova, S.**, **Vassilev, Ts.**. On the uptake of rhenium by plants: Accumulation and recovery from plant tissue. Journal of Cleaner Production, 328, 2021, ISSN:0959-6526, 129534. SJR (Scopus):1.937, JCR-IF (Web of Science):9.297 **Q1, не оглавява ранглистата (Scopus)** Линк	Q1	
31	Daskalova, A., Filipov, E., Angelova, L., Stefanov, R., **Tatchev, D.**, **Avdeev, G.**, Sotelo, L., Christiansen, S., Sarau, G., Leuchs, G., Iordanova, E., Buchvarov, I.. Ultra-Short Laser Surface Properties Optimization of Biocompatibility Characteristics of 3D Poly-"-Caprolactone and Hydroxyapatite Composite Scaffolds. Materials, 14, MDPI, 2021, ISSN:1996-1944, DOI:10.3390/ma14247513, 1-22. SJR (Scopus):0.682, JCR-IF (Web of Science):3.623 **Q1, не оглавява ранглистата (Scopus)** Линк	Q1	
32	Dikovska, A., Gancheva, M., Nikov, R., **Avdeev, G.**, Iordanova, R., Nedyalkov, N.. Nanostructures based on ZnO and TiO2oxides produced by PLD in open air. J. Phys. Conf. Ser, 2021, ISSN:1742-6588, DOI:10.1088/1742-6596/1859/1/012005, SJR (Scopus):0.21 **Q4 (Scopus)** Линк	Q4	
33	Donchev, V., Milanova, M., Kirilov, K., Georgiev, S., Kostov, K.L., Piana, G.M., **Avdeev, G.**. Low-temperature LPE growth and characterization of GaAsSb layers for photovoltaic applications. J. Cryst. Growth, 574, Elsevier B.V., 2021, ISSN:00220248, DOI:10.1016/j.jcrysgro.2021.126335, SJR (Scopus):0.51 **Q2 (Scopus)** Линк	Q2	
34	Elenska, P. P., **Dimitrov, I. L.**. Influence of rapid cooling on crystal nucleation in lysozyme crystallization solutions of low supersaturation. Phase Transitions, 94, 12, Taylor & Francis, 2021, ISSN:0141-1594, DOI:10.1080/01411594.2021.1987431, 935-944. SJR (Scopus):0.3, JCR-IF (Web of Science):1.452 **Q3 (Web of Science)** Линк	Q3	
35	Ferreira, R., Petrova, Ts., Ferreira, A.F., Costa, M., Inaydenova, I., **Atanasova-Vladimirova, S.**, **Ranguelov, B.**. Size-Segregated Particulate Matter from Gasification of Bulgarian Agro-Forest Biomass Residue. Energies, 14, 2, MDPI, 2021, ISSN:19961073, DOI:10.3390/en14020385, 385. SJR (Scopus):0.598, JCR-IF (Web of Science):2.072 **Q2 (Scopus)** Линк	Q2	
36	Harizanova, R., Bocker, C., **Avdeev, G.**, Slavov, S., Costa, L. C., Avramova, I., Rüssel, C.. Microstructure and electrical conduction of iron-doped barium titanate glass-ceramics. J. Non. Cryst. Solids, 560, 2021, ISSN:0022-3093, DOI:10.1016/j.jnoncrysol.2021.120711, SJR (Scopus):0.764 **Q1, не оглавява ранглистата (Scopus)** Линк	Q1	
37	Hristova, E., **Tchoukov, P.**, Stoyanov, S.. Coalescence inhibition and agglomeration initiation near the critical dilution of asphaltene precipitation. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 629, 2021, ISSN:0927-7757, DOI:10.1016/j.colsurfa.2021.127400, 127400. SJR (Scopus):0.762, JCR-IF (Web of Science):4.539 **Q2 (Web of Science)** Линк	Q2	
38	Ignatova, K., **Avdeev, G.**. Effect of Electrolyte PH And Pulse Potential Frequency on The Properties of Ni-co Powders. J. Chem. Technol. Metall., 56, 2021, ISSN:13147471, 13147978, 588-594. SJR (Scopus):0.22 **Q3 (Scopus)** Линк	Q3	
39	Ilieva, L., Petrova, P., Venezia, A. M., Anghel, E. M., State, R., **Avdeev, G.**, Tabakova, T.. Mechanochemically prepared co3o4-ceo2 catalysts for complete benzene oxidation. Catalysts, 11, 2021, ISSN:2073-4344, DOI:https://doi.org/10.3390/catal11111316, SJR (Scopus):0.8 **Q2 (Scopus)** Линк	Q2	
40	Ivanov, R., Czibula, C., Teichert, C., Bojinov, M., **Tsakova, V.**. Carbon screen-printed electrodes for substrate-assisted electroless deposition of palladium. Journal of Electroanalytical Chemistry, 897, Elsevier, 2021, ISSN:1572-6657, DOI:10.1016/j.jelechem.2021.115617, 115617. SJR (Scopus):0.845 **Q1, не оглавява ранглистата (Scopus)** Линк	Q1	
41	Kavetskyy, T., Boev, V., Ilcheva, V., Kukhazh, Y., Smutok, O., Pan'kiv, L., Šauša, O., Švajdlenková,H., **Tatchev, D.**, **Avdeev, G.**, Gericke, E., Hoell, A., Rostamnia, S., Petkova, T.. Structural and free volume characterization of sol–gel organic–inorganic hybrids, obtained by co-condensation of two ureasilicate stoichiometric precursors. J. Appl. Polym. Sci., 138, 2021, ISSN:1097-4628, DOI:10.1002/app.50615, SJR (Scopus):0.575 **Q1, не оглавява ранглистата (Scopus)** Линк	Q1	
42	Kostova, B., Petkova, V., Kostov-Kytin, V., Tzvetanova, Y., **Avdeev, G.**. TG/DTG-DSC and high temperature in-situ XRD analysis of natural thaumasite. Thermochim. Acta, 697, 2021, ISSN:0040-6031, 178863. SJR (Scopus):0.607 **Q2** Линк	Q2	
43	Marshall, T., Marangoni, A.G., Lim, L.-T., **Tchoukov, P.**, Pensini, E.. Oxidizing Emulsifiers: Gelators for Water in Hydrocarbon Reactive Emulsions. Journal of Environmental Chemical Engineering, 9, Elsevier, 2021, ISSN:2213-3437, DOI:https://doi.org/https://doi.org/10.1016/j.jece.2020.104998, 1104998. SJR (Scopus):0.965, JCR-IF (Web of Science):5.909 **Q1, не оглавява ранглистата (Web of Science)** Линк	Q1	
44	Milenov, T., Dimov, D., Nikolov, A., Stankova, N., Avramova, I., **Avdeev, G.**, Russev, S., Karashanova, D., Georgieva, B., Kostadinov, I., Karaivanova, D., Kolev, S., Valcheva, E.. Nd:YAG laser ablation of micro-crystalline graphite in a water suspension. J.	Q4	

	Phys. Conf. Ser., 2021, ISSN:1742-6588, DOI:10.1088/1742-6596/1859/1/012006, SJR (Scopus):0.21 **Q4 (Scopus)** Линк		
45	Mostowfi, F., **Tchoukov, P.**, **Panchev, N.**, Dabros, T., Czarnecki, J.. Electrohydrodynamic Instabilities in Free Emulsion Films. Colloids and Interfaces, 5, 3, 2021, ISSN:2504-5377, DOI:10.3390/colloids5030036, 1-7 **Без JCR или SJR – индексиран в WoS или Scopus (Web of Science)** Линк	Referira se WoS	
46	Mozaffari, S., Ghasemi, H., **Tchoukov, P.**, Czarnecki, J., Nazemifard, N.. Lab-on-a-Chip Systems in Asphaltene Characterization: A Review of Recent Advances. Energy & Fuels, 35, 2021, ISSN:0887-0624, DOI:10.1021/acs.energyfuels.1c00717, 9080-9101. SJR (Scopus):0.861, JCR-IF (Web of Science):3.605 **Q1, не оглавява ранглистата (Scopus)** Линк	Q1	
47	Nikov, R. G., Dikovska, A. O., **Avdeev, G. V.**, Atanasova, G. B., Karashanova, D. B., Amoruso, S., Ausanio, G., Nedyalkov, N. N.. Single-step fabrication of oriented composite nanowires by pulsed laser deposition in magnetic field. Mater. Today Commun., 2021, ISSN:2352-4928, DOI:10.1016/j.mtcomm.2020.101717, SJR (Scopus):0.615 **Q2 (Scopus)** Линк	Q2	
48	Nikov, R. G., Dikovska, A. O., **Avdeev, G. V.**, Atanasova, G. B., Nedyalkov, N. N.. Composite magnetic and non-magnetic oxide nanostructures fabricated by a laser-based technique. Appl. Surf. Sci., 549, 2021, ISSN:0169-4332, DOI:10.1016/j.apsusc.2021.149204, SJR (Scopus):1.3, JCR-IF (Web of Science):6.707 **Q1 - оглавява ранглистата (Web of Science)** Линк	**Q1 - оглавява ранглистата**	
49	Petrova, Ts., Naydenova, I., Ferreira, R., **Atanasova-Vladimirova, S.**, **Ranguelov, B.**. Char Formed during Biomass Combustion and Gasification. 2021 6th International Symposium on Environment-Friendly Energies and Applications (EFEA), 2021, ISBN:978-1-7281-7011-4, DOI:10.1109/EFEA49713.2021.9406267 **Друго (Scopus)** Линк	Mevdunarodno Proceedings	
50	Radev, D., Mihailova, I., **Avdeev, G.**, Mehandjiev, D.. XRD study of mechanically assisted synthesis of cuprorivaite (CaCuSi4O10). Comptes Rendus L'Academie Bulg. Des Sci., 74, 2021, ISSN:1310–1331, DOI:http://www.proceedings.bas.bg/DOI/doi2021_5_06.html, 687. SJR (Scopus):0.244 **Q2 (Scopus)** Линк	Q2	
51	Stambolova I., Stoyanova D., Shipochka M., Blaskov V., Nihtianova D., Markov P., Eliyas A., Mladenova R., Dimitrov L., Abrashev M., **Avdeev G.**, Zaharieva K.. Enhanced effect of combination of new hybrid TiO2 phase and phosphorus dopant on the physicochemical properties and UV/Visible light photocatalytic activity. Mater. Charact., 172, 2021, ISSN:1044-5803, DOI:https://doi.org/10.1016/j.matchar.2020.110775, SJR (Scopus):1.19 **Q1, не оглавява ранглистата (Scopus)** Линк	Q1	
52	Stambolova, I., **Boshkov, N.**, **Boshkova, N.**, Stoyanova, D., Shipochka, M., Simeonova, S., Grozev, N.. "Environmentally-friendly Anticorrosive Layered Zirconia/Titania/Low-Carbon Steel Structures". Materials Proceedings, 4, 75, MDPI, 2021, ISSN:2214-7853 **Международно академично издателство** Линк	международно	
53	Stambolova, I., Stoyanova, D., Shipochka, M., **Boshkova, N.**, Eliyas, A., Simeonova, S., Grozev, N., **Boshkov, N.**. "Surface morphological and chemical features of anticorrosion ZrO2 –TiO2 coatings: Impact of zirconium precursor". Coatings, 11, 6, MDPI, 2021, ISSN:2079-6412, 703. SJR (Scopus):0.484, JCR-IF (Web of Science):2.881 **Q2 (Scopus)** Линк	Q2	
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