

## XX а: 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:** 2020 ÷ 2020
- **Тип записи:** Записи, които влизат в отчета на звеното

№	Публикация	Коригиращ Коефициент	Процент автори от звеното
1	<b>Alexander Karamanov</b> , Smiljanić, S., <b>Emilia Karamanova</b> , E., Matijašević, Nikolić J, Savić, V., Grujić, S.. Sintering, crystallization and foaming of La <sub>2</sub> O <sub>3</sub> • SrO• 5B <sub>2</sub> O <sub>3</sub> glass powders: effect of the holding time. Journal of Non-Crystalline Solids, 544, Elsevier, 2020, 120168. SJR (Scopus):0.712, JCR-IF (Web of Science):2.929 <b>Q1, не оглавява ранглистата (Web of Science)</b> <a href="#">Линк</a>	1.000	28.57
2	<b>Andreeva, R., Stoyanova, E., Tsanev, A., Stoychev, D.</b> . Influence of the processes of additional phosphate post-treatment of ceria conversion coatings deposited on Al 1050 on their corrosion protective behavior. Journal of Physics: Conference Series, 1492, 012019, 2020, DOI:10.1088/1742-6596/1492/1/012019, SJR (Scopus):0.227 <b>SJR, непопадащ в Q категория (Scopus)</b> <a href="#">Линк</a>	1.000	75.00
3	<b>Andrey Milchev</b> , Sergei A. Egorov, Jiarul Midya, Kurt Binder, Arash Nikoubashman. Entropic Unmixing in Nematic Blends of Semiflexible Polymers. ACS Macro Letters, 9, 12, ACS Publications, 2020, DOI:10.1021/acsmacrolett.0c00668, 1779-1784. SJR (Scopus):2.05, JCR-IF (Web of Science):6.042 <b>Q1, не оглавява ранглистата (Web of Science)</b> <a href="#">Линк</a>	1.000	20.00
4	<b>Boshkova N., Kamburova K.,</b> Koprinarov N., Konstantinova M., <b>Boshkov N., Radeva Ts.</b> . Obtaining and Corrosion Performance of Composite Zinc Coatings with Incorporated Carbon Spheres. Coatings, 10, 7, 2020, 665. SJR (Scopus):0.46, JCR-IF (Web of Science):2.436 <b>Q2 (Web of Science)</b> <a href="#">Линк</a>	1.000	66.67
5	<b>Dimi Arabadzhieva, Plamen Tchoukov, Elena Mileva.</b> Impact of Adsorption Layer Properties on Drainage Behavior of Microscopic Foam Films: The Case of Cationic/Nonionic Surfactant Mixtures. Colloids and Interfaces, 4, 4, MDPI, 2020, ISSN:2504-5377, DOI:10.3390/colloids4040053 <b>Без JCR или SJR – индексирани в WoS или Scopus (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
6	<b>Dimitrov, I. L.</b> . Kinetic factors may reshape the dependence of crystal nucleation rate on temperature in protein bulk solution. Journal of Biological Physics, Springer Netherlands, 2020, ISSN:0092-0606, DOI:https://doi.org/10.1007/s10867-020-09558-1, SJR (Scopus):0.37, JCR-IF (Web of Science):1.135 <b>Q3 (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
7	<b>Dimitrov, I. L.</b> . Temperature-dependent growth of protein crystals with temperature-independent solubility: case study of apoferritin. CrystEngComm, 22, The Royal Society of Chemistry, 2020, ISSN:1466-8033, DOI:https://doi.org/10.1039/D0CE00654H, 4478-4488. SJR (Scopus):0.81, JCR-IF (Web of Science):3.117 <b>Q1, не оглавява ранглистата (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
8	<b>Georgieva M, Avdeev G, Milusheva V, Lazarova D, Petrova M.</b> Investigation of the Structure of Copper Coatings Obtained by Chemical Deposition from Formaldehyde-free Solution on Dielectrics. Special Issue of Bulg. Chem. Commun., 52(E), 2020, ISSN:0861-9808, 28-34. SJR (Scopus):0.14 <b>Q4 (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
9	<b>Gochev, G.G.,</b> Ulaganathan, V., Retzlaff, I., Gehin-Delval, C., Gunes, D.Z., Leser, M., Kulozik, U., Miller, R., Braunschweig, B.. β-Lactoglobulin Adsorption Layers at the Water/Air Surface: 4. Impact on the Stability of Foam Films and Foams. Minerals, 10, 7, MDPI, 2020, ISSN:2075-163X, DOI:https://doi.org/10.3390/min10070636, SJR (Scopus):0.49, JCR-IF (Web of Science):2.38 <b>Q2 (Web of Science)</b> <a href="#">Линк</a>	1.000	11.11
10	<b>Kamburova K., Boshkova N.,</b> Tabakova N., <b>Boshkov N., Radeva Ts.</b> . Application of polymeric modified polyaniline-silica particles for improved corrosion resistance of hybrid zinc coatings". Colloids and Surfaces A: Physicochemical and Engineering Aspects, 592, Elsevier, 2020, 124546. SJR (Scopus):0.78, JCR-IF (Web of Science):3.99 <b>Q1, не оглавява ранглистата (Scopus)</b> <a href="#">Линк</a>	1.000	80.00
11	<b>Karamanov, A., Karamanova, E., Jordanov, N.B.,</b> Esmat M. A. Hamzawy, Hussein Darwish. Sintered glass-ceramics and foams by metallurgical slag with addition of CaF <sub>2</sub> . Ceramics International, 46, 5, Elsevier, 2020, ISSN:0272-8842, DOI:https://doi.org/10.1016/j.ceramint.2019.11.132, 6507-6516. SJR (Scopus):0.89, JCR-IF (Web of Science):3.83 <b>Q1, не</b>	1.000	60.00

	оглавява ранглистата (Web of Science) <a href="#">Линк</a>		
12	<b>Lidia Alexandrova</b> , Ljudmil Grigorov, Nikolay Grozev, Stoyan Karakashev. Investigation of Interfacial Free Energy of Three-Phase Contact on a Glass Sphere in Case of Cationic-Anionic Surfactant Aqueous Mixtures. <i>Coatings</i> , 10, 6, MDPI, 2020, ISSN:2079-6412, 573-587. SJR (Scopus):0.46, JCR-IF (Web of Science):2.436 <b>Q2 (Web of Science)</b> <a href="#">Линк</a>	1.000	0.00
13	<b>Lyutov V, Tsakova V.</b> Polysulfonate-doped polyanilines—oxidation of ascorbic acid and dopamine in neutral solution. <i>J. Solid State Electrochem.</i> , 24, Springer, 2020, DOI:10.1007/s10008-020-04771-3, 3113-3123. SJR (Scopus):0.57, JCR-IF (Web of Science):2.646 <b>Q2 (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
14	<b>Lyutov V, Kabanova V, Gribkova O, Nekrasov A, Tsakova V.</b> Electrochemically-Obtained Polysulfonic-Acids Doped Polyaniline Films— a Comparative Study by Electrochemical, Microgravimetric and XPS Methods. <i>Polymers</i> , 12, 5, MDPI, 2020, DOI:10.3390/polym12051050, 1050. SJR (Scopus):0.7, JCR-IF (Web of Science):3.426 <b>Q1, не оглавява ранглистата (Web of Science)</b> <a href="#">Линк</a>	1.000	40.00
15	<b>M. Georgieva, V. Chakarova, M. Petrova, D. Lazarova, D. Dobrev.</b> Pre-treatment of dielectrics and technological process for deposition of chemical copper layers from copper solution with improved ecological impact. <i>TRANSACTIONS OF THE IMF</i> , 98, 2, Taylor and Francis, 2020, ISSN:ISSN: 0020-2967, DOI:https://doi.org/10.1080/00202967.2020.1718941, 81-87. SJR (Scopus):0.48, JCR-IF (Web of Science):1.052 <b>Q2 (Scopus)</b> <a href="#">Линк</a>	1.000	80.00
16	<b>Milchev, A., Binder, K.</b> How does stiffness of polymer chains affect their adsorption transition?. <i>Journal of Chemical Physics</i> , 152, 6, 2020, 064901. SJR (Scopus):1.05, JCR-IF (Web of Science):2.991 <b>Q1, не оглавява ранглистата (Scopus)</b> <a href="#">Линк</a>	1.000	50.00
17	<b>Milchev, A., Zidek, J., Jancar, J.</b> Dynamic Responsive Formation of Nanostructured Fibers in a Hydrogel Network: A Molecular Dynamics Study. <i>J. Frontiers in Chemistry</i> , 8, 2020, 120. SJR (Scopus):0.85, JCR-IF (Web of Science):3.693 <b>Q1, не оглавява ранглистата (Scopus)</b> <a href="#">Линк</a>	1.000	33.33
18	<b>Milchev, A, Binder, K.</b> Semiflexible polymers interacting with planar surfaces: Weak versus strong adsorption. <i>Polymers</i> , 12, 2, 2020, 255. SJR (Scopus):0.7, JCR-IF (Web of Science):3.426 <b>Q1, не оглавява ранглистата (Web of Science)</b> <a href="#">Линк</a>	1.000	50.00
19	<b>Milkova, V., Goycoolea, F. M.</b> Encapsulation of caffeine in polysaccharide oil-core nanocapsules. <i>Colloid and Polymer Science</i> , 298, Elsevier, 2020, ISSN:0303-402X, DOI:doi.org/10.1007/s00396-020-04653-0., 1035-1041. SJR (Scopus):0.39, JCR-IF (Web of Science):1.536 <b>Q2 (Scopus)</b> <a href="#">Линк</a>	1.000	50.00
20	<b>Milusheva, V., Tzaneva, B., Petrova, M., Stefanov, B.</b> Electroless copper-based layers deposition on anodized aluminium. <i>Special Issue of Bulg. Chem. Commun.</i> , 52 (E), 2020, ISSN:0861-9808, 15-20. SJR (Scopus):0.14 <b>Q4 (Scopus)</b> <a href="#">Линк</a>	1.000	50.00
21	<b>Peshova M., Bachvarov V., Vitkova S., Boshkov N.</b> Effect of Cr <sup>3+</sup> - based conversion films on the corrosion behaviour of electrodeposited composite ternary zinc alloys with embedded carbon nanotubes. <i>Transactions of the Institute of Metal Finishing</i> , 98, 2, 2020, 73-80. SJR (Scopus):0.481, JCR-IF (Web of Science):1.052 <b>Q2 (Scopus)</b> <a href="#">Линк</a>	1.000	75.00
22	<b>Popova, Hristina, Egorov, Sergei A., Milchev, Andrey.</b> Nanoparticle diffusion in polymer melts: Molecular dynamics simulations and mode-coupling theory. <i>Journal of Chemical Physics</i> , 152, AIP Publishing, 2020, ISSN:0021-9606, DOI:10.1063/5.0005301, 234902. SJR (Scopus):1.05, JCR-IF (Web of Science):2.991 <b>Q1, не оглавява ранглистата (Scopus)</b> <a href="#">Линк</a>	1.000	66.67
23	<b>Popova, Hristina, Krzyzewski, Filip, Zaluska-Kotur, Magdalena A., Tonchev, Vesselin.</b> Quantifying the Effect of Step-Step Exclusion on Dynamically Unstable Vicinal Surfaces: Step Bunching without Macrostep Formation. <i>Crystal Growth and Design</i> , 20, 11, ACS Publications, 2020, ISSN:1528-7483, DOI:10.1021/acs.cgd.0c00927, 7246-7259. SJR (Scopus):1, JCR-IF (Web of Science):4.089 <b>Q1, не оглавява ранглистата (Web of Science)</b> <a href="#">Линк</a>	1.000	25.00
24	<b>Tsakova V.</b> Theory of electrochemical nucleation and growth—revisited?. <i>J. Solid State Electrochem.</i> , 24, Springer, 2020, DOI:10.1007/s10008-020-04676-1, 2183-2185. SJR (Scopus):0.57, JCR-IF (Web of Science):2.646 <b>Q2 (Scopus)</b> <a href="#">Линк</a>	1.000	100.00
25	Alexandrova, A., Antonova, N., Muravyov, A. V., <b>Khrystov, Khr., Velcheva, I.</b> Evaluation of the microrheological properties of the blood in patients with type 2 diabetes mellitus using a developed flow microchamber. <i>Series on Biomechanics</i> , 34, 4, Institute of Mechanics, BAS, 2020, ISSN:ISSN 1313-2458, 10-17. SJR (Scopus):0.197 <b>SJR, не попадащ в Q категория (Scopus)</b> <a href="#">Линк</a>	1.000	20.00
26	Athanasios Papaderakis, Olga Spyridou, Nikolaos Karanasios, Aikaterini Touni, Angeliki Banti, <b>Nina Dimitrova, Stephan Armutyanov, Eugenia Valova, Jenia Georgieva, Sotiris Sotiropoulos.</b> The Effect of Carbon Content on Methanol Oxidation and Photo-Oxidation at Pt-TiO <sub>2</sub> -C Electrodes. <i>Catalysts</i> , 10, 2, MDPI, 2020, ISSN:ISSN 2073-4344; CODEN: CATA CJ, DOI:https://doi.org/10.3390/catal10020248, 248-262. SJR (Scopus):0.72, JCR-IF (Web of Science):3.52 <b>Q2 (Web of Science)</b> <a href="#">Линк</a>	1.000	30.00
27	Cholakova, T.M., Kolaklieva, L.P., Bahchedjiev, H.P., Kakanakov, R.D., <b>Ranguelov, B., Hristeva, N.T.</b> Mechanical properties dependence on the modulation period in multilayered TiN/ZrN coatings. <i>Journal of Physics: Conference Series</i> , 1, 1492, art. no. 01203, IOP Publishing, 2020, ISSN:17426588, DOI:10.1088/1742-6596/1492/1/012036, SJR (Scopus):0.23 <b>SJR, не попадащ в Q категория (Scopus)</b> <a href="#">Линк</a>	1.000	0.00
28	Dilova T., Atanasova G., Dikovska A. Og., <b>Avdeev G., Machida M., Terakawa M., Stefanov P., Nedyalkov N.</b> Effect of Pd-decoration on the sensing properties of ZnO nanostructures. <i>Thin Solid Films</i> , 693, Elsevier B.V., 2020, ISSN:00406090,	1.000	12.50

	DOI:10.1016/j.tsf.2019.137693, 137693. SJR (Scopus):0.51, JCR-IF (Web of Science):2.03 <b>Q2 (Scopus)</b> <a href="#">Линк</a>		
29	Dimowa, L., Tzvetanova, Y., Petrov, O., <b>Piroeva, I</b> , Ublekov, F.. Powder xrd structural study of Ba <sup>2+</sup> modified clinoptilolite at different stages of the ion exchange process conducted at two temperature regimes— room temperature and 90 °c. Minerals, Volume 10,, Issue 11, MDPI AG, 2020, ISSN:2075163X, DOI:10.3390/min10110938, 938-954. SJR (Scopus):0.49, JCR-IF (Web of Science):2.38 <b>Q2 (Web of Science)</b> <a href="#">Линк</a>	1.000	20.00
30	Fainerman, V.B., Aksenenko, E.V., Makievski, A.V., Trukhin, D.V., Yeganehzad, S., <b>Gochev, G.</b> , Miller, R.. Surface tension and dilational rheology of mixed $\beta$ -casein – $\beta$ -lactoglobulin aqueous solutions at the water/air interface. Food Hydrocolloids, 106, Elsevier, 2020, ISSN:0268-005X, DOI:https://doi.org/10.1016/j.foodhyd.2020.105883, SJR (Scopus):2.16, JCR-IF (Web of Science):7.053 <b>Q1, не оглавява ранглистата (Scopus)</b> <a href="#">Линк</a>	1.000	14.29
31	Golosova N.O., Kozlenko D.P, Nicheva D., Petkova T, Kichanov E, Lukin V, <b>Avdeev G</b> , Petkov P, Savenko B.N. High pressure effects on the crystal and magnetic structures of Co <sub>3</sub> O <sub>4</sub> . Journal of Magnetism and Magnetic Materials, 508, 2020, DOI:https://doi.org/10.1016/j.jmmm.2020.166874, SJR (Scopus):0.66, JCR-IF (Web of Science):2.717 <b>Q2 (Web of Science)</b> <a href="#">Линк</a>	1.000	11.11
32	Harizanova R, Avramova I, Cherkezova-Zheleva Z, Paneva D, Kukeva R, Stoyanova R, Gugov I, Mihailova I, Tzankov D, Georgieva M, <b>Avdeev G</b> , Bocker C, Rüssel C. Spectroscopic investigations and magnetic measurements on iron-containing barium titanate glass-ceramics. Journal of Non-Crystalline Solids, 546, 2020, DOI:https://doi.org/10.1016/j.jnoncrsol.2020.120273, SJR (Scopus):0.71, JCR-IF (Web of Science):2.929 <b>Q1, не оглавява ранглистата (Web of Science)</b> <a href="#">Линк</a>	1.000	7.69
33	Harizanova R, Gugov I, Avramova I, Mihailova I, <b>Avdeev G</b> , Rüssel C. Phase composition and spectroscopic characterization of barium titanate containing glass ceramics. NATO Science for Peace and Security Series. Sub-Series B. Physics and Biophysics, 2020, DOI:https://doi.org/10.1007/978-94-024-2018-0_26, SJR (Scopus):0.11 <b>SJR, не попадащ в Q категория (Scopus)</b> <a href="#">Линк</a>	1.000	16.67
34	Harizanova R, Slavov S, Vladislavova L, Costa C, <b>Avdeev G</b> , Bocker C, Rüssel C. Barium titanate containing glass-ceramics - The effect of phase composition and microstructure on dielectric properties. Ceram. Int., 46, 2020, DOI:https://doi.org/10.1016/j.ceramint.2020.06.247, 24585-24591. SJR (Scopus):0.89, JCR-IF (Web of Science):3.83 <b>Q1, не оглавява ранглистата (Web of Science)</b> <a href="#">Линк</a>	1.000	14.29
35	Jordanova, A, <b>Petkova, H</b> , Stoyanova, V, Tsanova, A, Stoimenova, E, Todorov, R, Hristova, E, Lalchev, Z. Adsorption mono- and bilayers from gastric aspirates of newborns. Compt. Rend. Acad. Bulg. Sci., 73, 9, 2020, ISSN:1310-1331, DOI:10.7546/CRABS.2020.09.16, 1306-1313. SJR (Scopus):0.218, JCR-IF (Web of Science):0.343 <b>Q2 (Scopus)</b> <a href="#">Линк</a>	1.000	25.00
36	K. Binder, S.A. Egorov, <b>A. Milchev</b> . Slit pore confinement of semiflexible polymers — interplay of adsorption and liquid-crystalline order. World Scientific Series in Nanoscience and Nanotechnology, 20, World Scientific Publishing Co. Pte. Ltd., 2020, ISBN:978-981-121-806-4 <b>Друго</b>	1.000	0.00
37	Kozhukharov S, Girginov C, Kiradzhyska D, Tsanev A, <b>Avdeev G</b> . Evaluation of the electrochemical performance of Ag containing AAO layers after extended exposure to a model corrosive medium. Journal of Electrochemical Science and Engineering, 10, 2020, DOI:10.5599/jese.820, 317-334 <b>Без JCR или SJR – индексиран в WoS или Scopus</b> <a href="#">Линк</a>	1.000	20.00
38	Kurutus A., <b>Boshkova N.</b> , Tabakova N., <b>Smrchikova S.</b> , <b>Boshkov N.</b> . Novel inhibitors for corrosion protection of galvanized steel. Key Engineering Materials, 862, 2020, 28-34. SJR (Scopus):0.182 <b>SJR, не попадащ в Q категория (Scopus)</b> <a href="#">Линк</a>	1.000	60.00
39	Lihareva, N, Petrov, O., Dimowa, L, Tzvetanova, Y, <b>Piroeva, I</b> , Ublekov, F., Nikolov, A. Ion exchange of Cs <sup>+</sup> and Sr <sup>2+</sup> by natural clinoptilolite from bi-cationic solutions and XRD control of their structural positioning. Journal of Radioanalytical and Nuclear Chemistry, Volume 323,, Issue 3, Springer Netherlands, 2020, ISSN:0236-5731, 1093-1102. SJR (Scopus):0.36, JCR-IF (Web of Science):1.137 <b>Q2 (Scopus)</b> <a href="#">Линк</a>	1.000	14.29
40	Milenov T, Avramova I, <b>Avdeev G</b> , Mladenoff J, Pishinkov D, Genkov K, Zypakov A, Russev S, Nikolov A, Stankova N, Velikova R, Kolev S, Valcheva E. Modification of carbon black by thermal treatment in air atmosphere. Journal of Physics: Conference Series, 1492, 2020, DOI:https://doi.org/10.1088/1742-6596/1492/1/012063, 012063. SJR (Scopus):0.23 <b>SJR, не попадащ в Q категория (Scopus)</b> <a href="#">Линк</a>	1.000	7.69
41	Milenov T, Avramova I, Dikovska A, <b>Avdeev G</b> , Mladenoff J, Kolev S, Valcheva E. Modification of thin carbon films by UV C light. Journal of Physics: Conference Series, 1492, 2020, DOI:https://doi.org/10.1088/1742-6596/1492/1/012030, 012030. SJR (Scopus):0.23 <b>SJR, не попадащ в Q категория (Scopus)</b> <a href="#">Линк</a>	1.000	14.29
42	Nicheva, D., Abrashev, B, <b>Piroeva, I</b> , Boev, V, Petkova, T, Petkov, P, Petrov, K. NiCo <sub>2</sub> O <sub>4</sub> /Ag as catalyst for bi-functional oxygen electrode. Bulgarian Chemical Communications, Volume 52, Bulgarian Chemical Society, 2020, ISSN:0861-9808, 68-72. SJR (Scopus):0.142 <b>Q4 (Scopus)</b> <a href="#">Линк</a>	1.000	14.29
43	Nikov R, <b>Avdeev G</b> , Dikovska A, Koleva M, Nedyalkov N. Microstructural characterization of nanocomposites produced by laser ablation in a magnetic field. Journal of Physics: Conference Series, 1492, 2020, DOI:https://doi.org/10.1088/1742-6596/1492/1/012057, 012057. SJR (Scopus):0.23 <b>SJR, не попадащ в Q категория (Scopus)</b> <a href="#">Линк</a>	1.000	20.00
44	Nikov R.G., Dikovska A.O., <b>Avdeev G.V.</b> , Atanasova G.B., Karashanova D.B., Amoroso S., Ausanio G., Nedyalkov N.N.. Single-step fabrication of oriented composite nanowires by pulsed laser deposition in magnetic field. Materials Today Communications,	1.000	12.50

	2020, DOI: <a href="https://doi.org/10.1016/j.mtcomm.2020.101717">https://doi.org/10.1016/j.mtcomm.2020.101717</a> , 101717. SJR (Scopus):0.599, JCR-IF (Web of Science):2.678 <b>Q2 (Web of Science)</b> <a href="#">Линк</a>		
45	Noskov, B.A., Bykov, A.G., <b>Gochev, G.</b> , Lin, S.-Y., Loglio, G., Miller, R.f, Milyaeva, O.Y.. Adsorption layer formation in dispersions of protein aggregates. <i>Advances in Colloid and Interface Science</i> , 276, Elsevier, 2020, ISSN:0001-8686, DOI: <a href="https://doi.org/10.1016/j.cis.2019.102086">https://doi.org/10.1016/j.cis.2019.102086</a> , 102086. SJR (Scopus):2.07, JCR-IF (Web of Science):9.922 <b>Q1, не оглавява ранглистата (Web of Science)</b> <a href="#">Линк</a>	1.000	14.29
46	Palcheva R, Kaluža L, Moravčik J, Tyuliev G, Dimitrov L, Jiratova K, <b>Avdeev G</b> , Tenchev K, Spojakina A. NiMo Catalysts Supported on Al-Based Mixed Oxide Prepared By Hydrothermal Method: Effect of Zn/Al Ratio and Addition of Silica on HDS Activity. <i>Catalysis Letters</i> , 150, 2020, DOI: <a href="https://doi.org/10.1007/s10562-020-03232-w">https://doi.org/10.1007/s10562-020-03232-w</a> , 3276-3286. SJR (Scopus):0.57, JCR-IF (Web of Science):2.482 <b>Q2 (Scopus)</b> <a href="#">Линк</a>	1.000	11.11
47	Petrova A, Stefanov G, Yaneva S, <b>Avdeev G</b> , Miteva A, Petrov R. Influence of Inert Particle Additives on Properties of Nano-Microcrystalline Alloys on Based on Al-Fe-V-Si. <i>Metallurgist</i> , 64, 2020, DOI: <a href="https://doi.org/10.1007/s11015-020-00990-1">https://doi.org/10.1007/s11015-020-00990-1</a> , 253-262. SJR (Scopus):0.31, JCR-IF (Web of Science):0.395 <b>Q2 (Scopus)</b> <a href="#">Линк</a>	1.000	16.67
48	Stambolova I., <b>Boshkova N.</b> , Stoyanova D., Blaskov V., Simeonova S., <b>Boshkov N.</b> . "Corrosion behavior of low-carbon steel coated with different type of TiO <sub>2</sub> /ZrO <sub>2</sub> layers". <i>Journal of International Scientific Publications</i> , 14, 2020, 300-307 <b>Международно академично издателство</b> <a href="#">Линк</a>	1.000	33.33
49	Tabakova T, Ilieva L, Petrova P, Venezia M, Karakirova Y, Liotta L F, <b>Avdeev G</b> . Complete benzene oxidation over mono and bimetallic Pd-Au catalysts on alumina-supported γ-doped ceria. <i>Applied Sciences</i> , 10, 2020, DOI: <a href="https://doi.org/10.3390/app10031088">https://doi.org/10.3390/app10031088</a> , SJR (Scopus):0.42 <b>Q1, не оглавява ранглистата (Scopus)</b> <a href="#">Линк</a>	1.000	14.29
50	Tonev I., Hristova S., <b>Zhivkov A.</b> , Mincheff M.. Cytotoxic effect of dimethyl sulfoxide (DMSO) on hematopoietic stem cells: Influence of the temperature and the incubation time. <i>Bulgarian Chemical Communication</i> , 52, Bulgarian Academy of Sciences, 2020, ISSN:0861-9808, DOI:10.34049/bcc.52.B.0011, 40-43. SJR (Scopus):0.14 <b>Q4 (Scopus)</b> <a href="#">Линк</a>	1.000	25.00
51	Zgureva D, Stoyanova V, Shoumkova A, Boycheva S, <b>Avdeev G</b> . Quasi natural approach for crystallization of zeolites from different fly ashes and their application as adsorbent media for malachite green removal from polluted waters. <i>Crystals</i> , 10, 2020, DOI: <a href="https://doi.org/10.3390/cryst10111064">https://doi.org/10.3390/cryst10111064</a> , 1-16. SJR (Scopus):0.59, JCR-IF (Web of Science):2.404 <b>Q2 (Web of Science)</b> <a href="#">Линк</a>	1.000	40.00
52	Zhelev V, Petkov P, <b>Avdeev G</b> , Lilova L, Petkova T. Study of In <sub>2</sub> O <sub>3</sub> Thin Films Doped with As as Active Layer in Position Sensitive Structures. <i>Nanoscience and Nanotechnology in Security and Protection against CBRN Threats</i> , 2020, DOI: <a href="https://doi.org/10.1007/978-94-024-2018-0_10">https://doi.org/10.1007/978-94-024-2018-0_10</a> , 123-130 <b>Международно академично издателство</b> <a href="#">Линк</a>	1.000	20.00
Коригиран брой: 52.000			