XX a: Всички публикации - публикувани

- **Звено: (ИК) Институт по катализ**
- **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**: 2023 ÷ 2023
- **Тип записи**: Записи, които влизат в отчета на звеното

№	Публикация	Коригиращ Коефициент	Процент автори от звеното
1	**Gabrovska, M.**, **Nikolova, D.**, **Kolev, H.**, Karashanova, D., Tzvetkov, P., Burdin, B., Mladenova, E., Vladikova, D., **Tabakova, T.**. Environmentally Benign pSOFC for Emissions-Free Energy: Assessment of Nickel Network Resistance in Anodic Ni/BCY15 Nanocatalyst. Nanomaterials, 13, 11, MDPI, 2023, ISSN:2079-4991, DOI:https://doi.org/10.3390/nano13111781, 1781. JCR-IF (Web of Science):5.719 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	44.44
2	**Grahovski B.**, Velinova R., Shestakova P., Naydenov A., **Kolev H.**, **Yordanova I.**, Ivanov G., **Tenchev K.**, **Todorova S.**. Catalytic Oxidation of VOC over Cobalt-Loaded Hierarchical MFI Zeolite. Catalysts, 13, 5, MDPI, 2023, ISSN:2073-4344, DOI:10.3390/catal13050834, 834. SJR (Scopus):0.69, JCR-IF (Web of Science):3.9 **Q2 (Scopus)** Линк	1.000	55.56
3	**Kalvachev Y,**, **Todorova T,**, **Kolev H,**, Merker D,, Popov C.. Benzene Oxidation over Pt Loaded on Fly Ash Zeolite X. Catalysts, 13, 7, MDPI, 2023, ISSN:2073-4344, DOI:10.3390/catal13071128, 1128. SJR (Scopus):0.69, JCR-IF (Web of Science):3.9 **Q2 (Scopus)** Линк	1.000	60.00
4	**Karakirova, Y.**. Application of Amino Acids for High-Dosage Measurements with Electron Paramagnetic Resonance Spectroscopy. Molecules, 28, 1745, MDPI, 2023, ISSN:14203049, DOI:10.3390/molecules28041745, SJR (Scopus):0.704, JCR-IF (Web of Science):4.9 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	100.00
5	**Koleva M.**. Could Long-Term Stability Last Forever?. Journal of Modern Physics, 14, 4, SCIRP, 2023, ISSN:ISSN Online: 2153-120X, DOI:10.4236/jmp.2023.144026, 450-460 **Международно академично издателство** Линк	1.000	100.00
6	**Mladenova R.B.**, Solakov N.Y., Loginovska K.K.. Irradiation effects on phenolic content in Bulgarian honey bee products and correlation to the antioxidant activity. Radiochimica Acta, 111, 2023, DOI:https://doi.org/10.1515/ract-2022-0069, 583-588. SJR (Scopus):0.382 **Q2 (Web of Science)** Линк	1.000	33.33
7	**Nikolova, D.**, **Ivanov, I.**, Vakros, J, **Gabrovska, M.**, Krstić, J., Tzvetkov, P., **Petrova, E.**, **Zarkova, G.**, **Petrova, T.**, **Tabakova, T.**. Catalytic Ability of K- and Co-Promoted Oxo-Re and Oxo-ReMo Nanosized Compositions for Water–Gas Shift Reaction. Catalysts, 13, 11, MDPI, 2023, ISSN:2073-4344, DOI:org/10.3390/catal13111443, 1443. SJR (Scopus):0.69, JCR-IF (Web of Science):3.9 **Q2 (Scopus)** Линк	1.000	70.00
8	**Palcheva, R.**, Kaluža, L., **Petrova, T.**, Dimitrov, L., Karashanova, D., **Tyuliev, G.**, Jiratova, K.. Nanocrystalline Sulfided NiMoW Catalyst Supported on Mesoporous Aluminas for the Hydrodesulfurization of 4,6-Dimethyldibenzothiophene. Crystals, 13, 3, MDPI, 2023, DOI:https://www.mdpi.com/2073-4352/13/3/543, 543. SJR (Scopus):0.459, JCR-IF (Web of Science):2.67 **Q2 (Web of Science)** Линк	1.000	42.86
9	**Tabakova, T.**, **Gabrovska, M.**, **Nikolova, D.**, **Ivanov, I.**, Venezia, A. M., **Tenchev, K.**. Exploring the role of promoters (Au, Cu and Re) in the performance of Ni-Al layered double hydroxides for water-gas shift reaction. International Journal of Hydrogen Energy, 48, 32, Elsevier, 2023, DOI:10.1016/j.ijhydene.2022.04.123, 11998-12014. SJR (Scopus):7.139, JCR-IF (Web of Science):7.139 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	83.33
10	**Tabakova, T.**, **Petrova, P.**, **Karakirova, Y.**, Avdeev, G, Kolentsova, E., **Ilieva, L.**. Tuning the Cu/Ce ratio for improved benzene oxidation over gold-promoted alumina-supported CuO-CeO2. Symmetry, 15, 2, MDPI, 2023, DOI:10.3390/sym15020263, 263. JCR-IF (Web of Science):2.7 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	66.67
11	**Yordanova I.**, Hristov S., **Kolev H.**, **Todorova S.**, Naydenov A.. Cobalt-manganese ion-exchanged clinoptilolite supported catalysts	1.000	60.00

	for n-hexane oxidation. Catalysis Today, 423, 1, ELSEVIER, 2023, DOI:10.1016/j.cattod.2023.114267, 114267. SJR (Scopus):1.05, JCR-IF (Web of Science):6.562 **Q1, не оглавява ранглистата (Web of Science)** Линк		
12	Barbov B., Zaharieva K., **Karakashkova P.**, Penchev H., Tsvetanova L., Dimova S.. Preparation and catalytic study of Mn-NaX, Cu-NaX and Ag-/AgNPs-NaX zeolites. Engineering Proceedings, 37, 1, MDPI, 2023 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	16.67
13	Barbov B., Zaharieva K., **Karakashkova P.**, Penchev H.. Silver-impregnated zeolitized tuffs for environmental degradation of ozone. Spisanie na b lgarskoto geologichesko druzhestov-Review of the bulgarian geological society, 84, 3, 2023, ISSN:0007-3938, 15-18. JCR-IF (Web of Science):0.2 **Q4 (Web of Science)** Линк	1.000	20.00
14	Chouki, T., Machreki, M., Rutkowska, I. A., Rytelewska, B., Kulesza, P. J., **Tyuliev, G.**, Harb, M., Azofra, L. M., Emin, S.. Highly active iron phosphide catalysts for selective electrochemical nitrate reduction to ammonia. Journal of Environmental Chemical Engineering, 11, 2, ELSEVIER SCI LTD, 2023, ISSN:2213-2929, DOI:10.1016/j.jece.2023.109275, 1-11. JCR-IF (Web of Science):7.7 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	11.11
15	Dikovska, A, Atanasova, G., Nikov, R., Avdeev, G., **Cherkezova-Zheleva, Z.**, **Paneva, D.**, Nedyalkov, N.. Formation of Oriented Nanowires from Mixed Metal Oxides. Materials, 16, 19, Multidisciplinary Digital Publishing Institute (MDPI), 2023, ISSN:19961944, DOI:10.3390/ma16196446, Art 6446. SJR (Scopus):0.56 **Q2 (Web of Science)** Линк	1.000	28.57
16	Grilli, M.L., Slobozeanu, A.E., Larosa, C., **Paneva, D.**, Yakoumis, I., **Cherkezova-Zheleva, Z.**. Platinum Group Metals: Green Recovery from Spent Auto-Catalysts and Reuse in New Catalysts—A Review. Crystals, 13, 4, MDPI, 2023, ISSN:20734352, DOI:10.3390/cryst13040550, Art 550. SJR (Scopus):0.46 **Q2 (Web of Science)** Линк	1.000	33.33
17	Issa, G., Dimitrov, M., Marinov, S.P., **Velinov, N.**, Spasova, I., Kovacheva, D., Tsoncheva, T.. Activated Carbon from Used Motor Oils: Synthesis and Application as Supports of Nanosized Fe–Cr Oxides. Waste and Biomass Valorization, 14, 2023, DOI:10.1007/s12649-022-01921-8, 1355-1367. SJR (Scopus):0.599, JCR-IF (Web of Science):3.2 **Q2 (Web of Science)** Линк	1.000	14.29
18	Ivanova, D., **Mladenova, R.**, **Kolev, H.**, Kaneva, N.. Effect of Ultraviolet Illumination on the Fixation of Silver Ions on Zinc Oxide Films and Their Photocatalytic Efficiency.. Catalysts, 13, 7, MDPI, 2023, ISSN:2073-4344, DOI:10.3390/catal13071121, 1121. SJR (Scopus):0.69, JCR-IF (Web of Science):3.9 **Q2 (Scopus)** Линк	1.000	50.00
19	Kostadinova, O., Popov, I., Stankov, S.M., **Kolev, H.**, Petkov, T.. Influence of synthesis conditions on the physicochemical and electrocatalytic properties of non-stoichiometric Ba2Sr2La2Ti4O12 perovskites. Karbala International Journal of Modern Science, 9, 1, University of Kerbala, 2023, ISSN:2405-609X, 2405-6103, DOI:10.33640/2405-609X.3272, art. no. 1. SJR (Scopus):0.23, JCR-IF (Web of Science):1.53 **Q2 (Scopus)** Линк	1.000	20.00
20	Kostova, B., **Paneva, D.**, **Cherkezova-Zheleva, Z.**, Mihaylova, K., Dumanov, B.. Ancient Metallurgical Iron Slags—Chemical, Powder X-ray Diffraction and Mössbauer Spectroscopic Study. Crystals, 13, 6, MDPI, 2023, ISSN:20734352, DOI:10.3390/cryst13060888, Art 888. SJR (Scopus):0.56 **Q2 (Scopus)** Линк	1.000	40.00
21	La Parola, V., Pantaleo, G., Liotta, L.F., Venezia, A.M., **Gabrovska, M.**, **Nikolova, D.**, **Tabakova, T.**. Gold and Ceria Modified NiAl Hydrotalcite Materials as Catalyst Precursors for Dry Reforming of Methane. Catalysts, 13, 3, MDPI, 2023, DOI:10.3390/catal13030606, 606. SJR (Scopus):0.69, JCR-IF (Web of Science):3.9 **Q2 (Scopus)** Линк	1.000	42.86
22	Machreki, M., Chouki, T., **Tyuliev, G.**, Fanetti, M., Valant, M., Arcon, D., Pregelj, M., Emin, S.. The Role of Lattice Defects on the Optical Properties of TiO2 Nanotube Arrays for Synergistic Water Splitting. ACS Omega, 8, 37, AMER CHEMICAL SOC, 2023, ISSN:2470-1343, DOI:10.1021/acsomega.3c00965, 33255-33265. JCR-IF (Web of Science):4.1 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	12.50
23	Machreki, M., Chouki, T., **Tyuliev, G.**, Zigon, D., Ohtani, B., Loukanov, A., Stefanov, P., Emin, S.. Defective TiO2 Nanotube Arrays for Efficient Photoelectrochemical Degradation of Organic Pollutants. ACS Omega, 8, 24, AMER CHEMICAL SOC, 2023, ISSN:2470-1343, DOI:10.1021/acsomega.3c00820, 21605-21617. SJR (Scopus):0.69, JCR-IF (Web of Science):4.1 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	12.50
24	Mertdinç-Ülküseven, S., **Cherkezova-Zheleva, Z.**, Balcı-Çağıran, Ö., **Kolev, H.**, **Paneva, D.**, Öveçoğlu, M. L., Ağaoğulları, D.. Graphene Encapsulated Bimetallic Fe-Cu Nanoparticles: Synthesis, Purification and Characterization. Proceedings of the 9 th World Congress on Mechanical, Chemical, and Material Engineering (MCM'23), Brunel University, London, United Kingdom - August 06-08, 2023, 2023, ISBN:978-1-990800-27-6, ISSN:2369-8136, DOI:10.11159/mmme23.111, MMME 111 **Друго (Scopus)**	1.000	42.86
25	Momchilova, S., Kazakova, A., Taneva, S., **Aleksieva, K.**, **Mladenova, R.**, **Karakirova, Y.**, Petkova, Z., Kamenova-Nacheva, M., Teneva, D., Denev, P.. Effect of Gamma Irradiation on Fat Content, Fatty Acids, Antioxidants and Oxidative Stability of Almonds, and Electron Paramagnetic Resonance (EPR) Study of Treated Nuts. Molecules, 28, 3, 2023, ISSN:14203049, DOI:https://doi.org/10.3390/molecules28031439, 1439. SJR (Scopus):0.704 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	30.00
26	Platero, F., **Todorova, S.**, Aoudjera, L., Michelin, L., Lebeau, B., Blin, J. L., Holgado, J. P., Caballero, A., Colón, G.. Cobalt Stabilization through Mesopore Confinement on TiO2 Support for Fischer–Tropsch Reaction. ACS Appl. Energy Mater, 6, 18, American Chemical Society, 2023, ISSN:25740962, DOI:https://doi.org/10.1021/acsaem.3c01432, 9475-9486. SJR (Scopus):1.59, JCR-IF (Web of Science):6.4 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	11.11

27	Schacherl, B., Joseph, C., Beck, A., Lavrova, P., Schnurr, A., Dardenne, K., Geyer, F., **Cherkezova-Zheleva, Z.**, Göttlicher, J., Geckeis, H., Vitova, T.. Np(V) Retention at the Illite du Puy Surface. Environmental Science and Technology, 57, 30, American Chemical Society, 2023, ISSN:0013936X, DOI:10.1021/acs.est.2c09356, 11185-11194. SJR (Scopus):3.12 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	9.09
28	Tasheva, T., Harizanova, R., Mihailova, I., **Cherkezova-Zheleva, Z.**, **Paneva, D.**, Nedkova, M., Rüssel, C.. Structure and redox ratio of soda-lime-silica glasses with high iron oxide concentrations. International Journal of Applied Glass Science, 14, 3, John Wiley and Sons Inc, 2023, ISSN:20411286, DOI:10.1111/ijag.16626, 445-454. SJR (Scopus):0.36 **Q2 (Web of Science)** Линк	1.000	28.57
29	Velinova, R, **Todorova, S**, Kovacheva, D, **Kolev, H**, **Karakirova, Y**, Markov, P, Tumbalova, K, Ivanov, G, Naydenov, A.. Effect of TiO2 on Pd/La2O3-CeO2-Al2O3 Systems during Catalytic Oxidation of Methane in the Presence of H2O and SO2. Materials, 16, 20, MDPI, 2023, ISSN:1996-1944, DOI:https://doi.org/10.3390/ma16206784, 6784. SJR (Scopus):0.563, JCR-IF (Web of Science):3.4 **Q2 (Scopus)** Линк	1.000	33.33
30	Vlad-Bubulak, T., Hamciuc, C., Serbezeanu, D., Macsim, A.-M., Lisa, G., Anghel, I., Preda, D.-M., **Kalvachev, Yu.**, Rimbu, C.M.. Simultaneous Enhancement of Flame Resistance and Antimicrobial Activity in Epoxy Nanocomposites Containing Phosphorus and Silver-Based Additives. Molecules, 28, 15, MDPI, 2023, ISSN:14203049, DOI:https://doi.org/10.3390/molecules28155650, 5650. SJR (Scopus):0.704, JCR-IF (Web of Science):4.93 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	11.11
31	Yankovych, H., Bodnár, G., Elsaesser, M. S., Fizer, M., Storozhuk, L., **Kolev, H.**, Melnyk, I, Václavíková, M.. Carbon composites for rapid and effective photodegradation of 4-halogenophenols: characterization, removal performance, and computational studies. Journal of Photochemistry and Photobiology A: Chemistry, 441, Elsevier Ltd, 2023, ISSN:1010-6030, DOI:10.1016/j.jphotochem.2023.114753, 114753. SJR (Scopus):0.628, JCR-IF (Web of Science):5.141 **Q2 (Scopus)** Линк	1.000	12.50
32	Zaharieva, K., **Karakashkova, P.**, Stoyanova, D., Dimova, S., Dimitrov, O., Stambolova, I.. Ceria-manganese oxide catalyst activity - ozone decomposition and discoloration of malachite green dye. Journal of Chemical Technology and Metallurgy, 58, 6, 2023, ISSN:1314-7471, 1071-1079. SJR (Scopus):0.253, JCR-IF (Web of Science):0.81 **Q3 (Scopus)** Линк	1.000	16.67
33	Zaharieva, K., Shipochka, M., **Milenova, K.**, Dimova, S., Dimitrov, O., **Hristova, I.**. Photocatalytic UV-Induced Approach for Discoloration of Bromocresol Purple, Bromothymol Blue Dyes and Their Mixture Using NixFe3−xO4/Fe2O3/AC Composites. Croatica Chemica Acta, 96, 1, HRČAK, 2023, ISSN:0011-1643, DOI:10.5562/cca3947, 9-20. SJR (Scopus):0.142 **Q4 (Scopus)** Линк	1.000	33.33
Коригиран брой: 33.000			