XX a: Всички публикации - публикувани

- **Звено: (ИОМТ) Институт по оптически материали и технологии „Академик Йордан Малиновски”**
- **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**: 2025 ÷ 2025
- **Тип записи**: Всички записи

№	Публикация	Коригиращ Коефициент	Процент автори от звеното
1	**Angelova, S.**, Pereva, S., Dudev, T., Spassov, T. Cyclodextrins' Internal Cavity Hydration: Insights from Theory and Experiment. Inorganics, 13, 1, MDPI, 2025, ISSN:2304-6740, DOI:10.3390/inorganics13010028, 28. SJR (Scopus):0.509, JCR-IF (Web of Science):3 **Q2 (Web of Science)** Линк	1.000	25.00
2	**Babeva. T.**, **Pavlov, V.**, Zlatinov, G., **Georgieva, B.**, **Terziyska, P.**, **Alexieva, G.**, **Lazarova, K.**, **Georgiev, R.**. Tailoring the Optical and Sensing Properties of Sol–Gel Niobia Coatings via Doping with Silica and Noble Metal Nanoparticles. Engineering Proceedings, 105, 4, MDPI, 2025, ISSN:2673-4591, DOI:10.3390/engproc2025105004, SJR (Scopus):0.21 **Q3 (Scopus)** Линк	1.000	87.50
3	**Berberova-Buhova, N.**, **Nedelchev, L.**, **Mateev, G.**, **Ivanov, B.**, **Nikolova, L.**, **Blagoeva, B.**, **Stoykova, E.**, Choi, K., Hong, K., **Nazarova, D**. Polarization gratings recorded in azopolymer thin films by digital polarization holography. Journal of Physics: Conference Series, 2994, IOP Publishing Ltd., 2025, ISSN:1742-6596, DOI:10.1088/1742-6596/2994/1/012005, 012005-1-012005-5. SJR (Scopus):0.18 **SJR, непопадащ в Q категория (Scopus)** Линк	1.000	80.00
4	**Dimitrov, D.Z.**, **Marinova, V.**, Petrov, S., Lin, S.-H.. Al-doped ZnO thin films as alternative transparent conductors in liquid crystal devices. Proc. SPIE PC13573, Digital Optical Technologies 2025, PC13573, 2025, ISSN:1996-756X, DOI:10.1117/12.3072143, PC135730P. SJR (Scopus):0.146 **SJR, непопадащ в Q категория (Web of Science)** Линк	1.000	50.00
5	**Dyankov, G.**, **Kolev, P.**, Eftimov, T.A., **Hikova, E.O.**, **Kisov, H.**. Channeled Polarimetry for Magnetic Field/Current Detection. Sensors, 25(2), 466, MDPI, 2025, ISSN:1424-8220, DOI:10.3390/s25020466, 1-14. SJR (Scopus):0.764, JCR-IF (Web of Science):3.5 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	80.00
6	**Kircheva, N.**, **Angelova, S.**, Garcia-Iriepa, C., Marazzi, M., Dudev, T. Thermodynamics of the Ga3+/ Fe3+ Competition in a Model of the Heme B-Containing Bacterial Catalase Active Center. Inorganic Chemistry, 64, 19, ACS, 2025, ISSN:00201669, DOI:10.1021/acs.inorgchem.4c05527, 9457-9468. SJR (Scopus):0.96, JCR-IF (Web of Science):4.3 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	40.00
7	**Kircheva, N.**, **Angelova, S.**, Nikolova, V., Dudev, T. The Role of Axial Ligand in Determining the Mg2+/TM2+ (TM = Fe, Mn, Cu, Zn) Selectivity in Chlorophyll. The Journal of Physical Chemistry B, 129, 20, ACS, 2025, ISSN:15206106, DOI:10.1021/acs.jpcb.5c00243, 4929-4937. SJR (Scopus):0.74, JCR-IF (Web of Science):3.47 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	50.00
8	**Lazarova, K.**, Bozhilova, S., **Docheva, M.**, **Pavlova, K.**, **Alexieva, G.**, Christova, D., **Babeva. T.**. Hygrosensitive Response and Characteristics of Copolymer Coatings with Potential for Humidity Monitoring. Coatings, 15, 8, MDPI, 2025, ISSN:2079-6412, DOI:https://doi.org/10.3390/coatings15080954, 954. SJR (Scopus):0.539, JCR-IF (Web of Science):2.8 **Q2 (Scopus)** Линк	1.000	71.43
9	**Levchenko, M.**, **Stoykova, E.**, Anisimov, A. Advanced speckle methods with high-speed imaging for impact testing of composites. Proceedings SPIE, 135671Z, SPIE, 2025, DOI:10.1117/12.3062287, SJR (Scopus):0.146 **SJR, непопадащ в Q категория (Scopus)** Линк	1.000	66.67
10	**Madjarova, V.**, **Stoykova, E.**, **Ivanova, G.**, **Ivanov, B**. Common path polarization Electronic Speckle Pattern Interferometry for dynamic deformation analysis. HISTRATE Conference 2025 – Book of Abstracts, HISTRATE, 2025, DOI:https://doi.org/10.5281/zenodo.16962743, 56-57 **Друго** Линк	1.000	100.00

11	**Madjarova, V.**, **Stoykova, E.**, **Viqar, M.**, **Ivanova, G.**, **Berberova-Buhova, N.**, Choi, K., Hong, K., **Ivanov, B**. Fizeau type polarization electronic speckle pattern interferometry for deformation studies. Proceedings SPIE, 13570, art. no. 1357013, SPIE, 2025, ISSN:0277786X, DOI:https://doi.org/10.1117/12.3062376, 1357013-1-1357013-7. SJR (Scopus):0.146 **SJR, непопадащ в Q категория (Scopus)** Линк	1.000	75.00
12	**Marinova, V.**, **Minev, N.**, **Napoleonov, B.**, **Videva, V.**, **Dimitrov, D.**. Pt- and Pd- noble-metal dichalcogenides: synthesis, properties and applications. 2025 Conference on Lasers and Electro-Optics Europe and European Quantum Electronics Conference, CLEO/Europe-EQEC 2025, Institute of Electrical and Electronics Engineers Inc., 2025, ISBN:979-833151252-1, DOI:10.1109/CLEO/EUROPE-EQEC65582.2025.11111609 **Друго (Scopus)** Линк	1.000	100.00
13	**Mateev, G.**, **Dimov, D.**, **Berberova-Buhova, N.**, **Kircheva, N.**, Dudev, T., **Nikolova, L.**, **Stoykova, E.**, Hong, K., **Nazarova, D.**, **Angelova, S.**, **Nedelchev, L**. Structure-dependent thermochromism of PAZO thin films: theory and experiment. Beilstein Journal of Nanotechnology, Beilstein Institute for the Advancement of Chemical Sciences (Germany), 2025, ISSN:2190-4286, SJR (Scopus):0.435, JCR-IF (Web of Science):2.9 **Q2 (Scopus)** Линк	1.000	81.82
14	**Minev, N.**, **Napoleonov, B.**, **Dimitrov, D.**, **Videva, V.**, **Strijkova, V.**, Nicheva, D., Avramova, I., Petkova, T., **Marinova, V.**. MoS2-PtX2 Vertical Heterostructures. Nanomaterials, 15, 18, MDPI, 2025, ISSN:2079-4991, DOI:10.3390/nano15181415, 1415. SJR (Scopus):0.811, JCR-IF (Web of Science):4.4 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	66.67
15	**Minev, N.**, **Napoleonov, B.**, **Lazarova, K.**, **Videva, V.**, **Petrova, D.**, Nicheva, D., Petkova, T., **Dimitrov, D.**, **Marinova, V.**. 2D Transition Metal Dichalcogenides for Tunable Sensing Technologies. Part of the book series: NATO Science for Peace and Security Series B((NAPSB)): Physics and Biophysics, Part F694, ISCME 2024, Springer, Dordrecht, 2025, ISBN:978-94-024-2315-0; 978-94-024-2316-7, DOI:0.1007/978-94-024-2316-7_11, 159-169 **Друго (Scopus)** Линк	1.000	77.78
16	**Napoleonov, B.**, **Videva, V.**, **Minev, N.**, **Strijkova, V.**, Rafailov, P., Avramova, Iv., **Dimitrov, D.**, **Marinova, V.**. 2D MoS2 synthesis process enhancement using mixed precursors. Journal of Physics: Conference Series, 2994, 1, Institute of Physics, 2025, ISSN:17426588, DOI:10.1088/1742-6596/2994/1/012028, 012028. SJR (Scopus):0.187 **SJR, непопадащ в Q категория (Scopus)** Линк	1.000	75.00
17	**Nedelchev, L.**, **Mateev, G.**, **Nikolova, L.**, **Stoykova, E.**, **Blagoeva, B.**, **Strijkova, V.**, Hong, K., **Nazarova, D**. In-situ analysis by Stokes polarimetry at the recording beam wavelength of the polarization properties of polarization holographic gratings with and without surface relief. Journal of Physics: Conference Series, 2994, IOP Publishing Ltd., 2025, ISSN:1742-6596, DOI:10.1088/1742-6596/2994/1/012001, 012001-1-012001-5. SJR (Scopus):0.18 **SJR, непопадащ в Q категория (Scopus)** Линк	1.000	87.50
18	**Stoykova, E.**, **Ivanov, B.**, **Viqar, M.**, **Ivanova, G.**, Hong, K., **Madjarova, V**. Efficient averaging for enhanced resolution with acceptable quality in laser speckle imaging. Proceedings Volume 13570, Multimodal Sensing and Artificial Intelligence for Sustainable Future, 13570, art. no. 135701T, SPIE, 2025, ISSN:0277786X, DOI:https://doi.org/10.1117/12.3062380, 135701T-1-135701T-7. SJR (Scopus):0.146 **SJR, непопадащ в Q категория (Scopus)** Линк	1.000	83.33
19	**Stoykova, E.**, **Madjarova, V.**, **Ivanova, G.**, **Ivanov, B.**, **Berberova-Buhova, N**. Numerical simulation tool for speckle-based NDT systems: ESPI, shearography and laser speckle photometry. HISTRATE Conference 2025 – Book of Abstracts, HISTRATE, 2025, DOI:https://doi.org/10.5281/zenodo.16962743, 93-94 **Друго** Линк	1.000	100.00
20	**Todorov, R.**, **Hristova-Vasileva, T.**. Review of the Current State of Optical Characterization and Design of Electronic States in Plasmonic Materials—From Noble Metals to Silverene and Goldene. Nanomaterials, 15, 20, MDPI, 2025, ISSN:2079-4991, DOI:10.3390/nano15201548, 1548. SJR (Scopus):0.811, JCR-IF (Web of Science):4.3 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	100.00
21	**Todorov, R.**, **Hristova-Vasileva, T.**. Simplified Biochemical Analysis Using p-Block Metals and Their Compounds with Silver-Surface Enhancement from the Point of View of Electronic Structure. ACS Omega, 10, 19, ACS, 2025, ISSN:2470-1343, DOI:10.1021/acsomega.5c01439, 19243-19255. SJR (Scopus):0.773, JCR-IF (Web of Science):4.3 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	100.00
22	**Videva, V.**, **Napoleonov, B.**, **Minev, N.**, **Dionisiev, I.**, Rafailov, P., Kovacheva, D., **Dimov, D.**, **Strijkova, V.**, Petrov, S., **Dimitrov, D.**, Lin, Sh. H., **Marinova, V**. Na2S-Mediated CVD Synthesis of 2D WS2 Flakes. Journal of Electronic Materials, 54, 7, Springer, 2025, ISSN:03615235, DOI:10.1007/s11664-025-11915-6, 5493-5500. SJR (Scopus):0.475, JCR-IF (Web of Science):2.5 **Q2 (Scopus)** Линк	1.000	66.67
23	**Viqar, M.**, Sahin, E., **Stoykova, E.**, **Madjarova, M**. Reconstruction of Optical Coherence Tomography Images from Wavelength Space Using Deep Learning. Sensors, 25, 1, MDPI, 2025, ISSN:14248220, DOI:10.3390/s25010093, 93-1-93-21. SJR (Scopus):0.79, JCR-IF (Web of Science):3.4 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	75.00
24	Alexandrova-Watanabe, A., Abadjieva, E., Gartcheva, L., Langari, A., Ivanova, M., Guenova, M., Tiankov, T., **Strijkova, V.**, Krumova, S., Todinova, S.. The Impact of Targeted Therapies on Red Blood Cell Aggregation in Patients with Chronic Lymphocytic Leukemia Evaluated Using Software Image Flow Analysis. Micromachines, 16, 1, MDPI, 2025, ISSN:2072666X, DOI:10.3390/mi16010095, 95. SJR (Scopus):0.549, JCR-IF (Web of Science):3 **Q2 (Scopus)** Линк	1.000	10.00
25	Andreeva, T., Todinova, S., Langari, A., **Strijkova, V.**, **Katrova, V.**, Taneva, S.. Amyloid Protein-Induced Remodeling of Morphometry and Nanomechanics in Human Platelets. Biomedicines, 12, 13, MDPI, 2025, ISSN:22279059,	1.000	33.33

	DOI:10.3390/biomedicines13123104, 3104. SJR (Scopus):1.114, JCR-IF (Web of Science):3.9 **Q1, не оглавява ранглистата (Scopus)** Линк		
26	Blagoev, B.S., Georgieva, B., Paskaleva, A., Avramova, I., Tzvetkov, P., Starbova, K., Starbov, N., Buchkov, K., Mehandzhiev, V., Slavov, L.,, **Terziyska, P.**, Spasov, D.. Characterization of Submicron Ni-, Co-, and Fe-Doped ZnO Fibers Fabricated by Electrospinning and Atomic Layer Deposition.. Coatings, 15, 9, MDPI, 2025, ISSN:2079-6412, DOI:https://doi.org/10.3390/coatings15091022, 1022. SJR (Scopus):0.539, JCR-IF (Web of Science):2.8 **Q2 (Scopus)** Линк	1.000	8.33
27	Chiu, Y.-J., Yao, Y.-H., Lin, C.-M., **Dimitrov, D.Z.**, Juang, J.-Y., Jian, S.-R.. Unveiling the deformation behaviors of single-crystal LuVO4 using nanoindentation and finite element analysis. Results in Engineering, 28, Elsevier, 2025, DOI:10.1016/j.rineng.2025.107668, 107668. SJR (Scopus):1.171, JCR-IF (Web of Science):7.9 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	16.67
28	Dimitrov, I., Boycheva, S., Dimitrov, M., Mladenov, B., Kovacheva, D., **Karashanova, D.**, Mitrev, Y., Popova, M. 3D printed nickel-copper modified CaNaX and NaX zeolites obtained from coal fly ash for sustainable levulinic acid hydrogenation. Catalysis Today, 459, Elsevier, 2025, DOI:10.1016/j.cattod.2025.115441, 115441. SJR (Scopus):1.05, JCR-IF (Web of Science):6.562 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	12.50
29	Dimov, A., Ivanov, G., Keil, L., Terfort, A., Liu, J, **Strijkova, V.**. Langmuir and Langmuir–Blodgett Monolayers from 20 nm Sized Crystals of the Metal–Organic Framework MIL-101(Cr). Coatings, 15, 12, MDPI, 2025, ISSN:2079-6412, DOI:10.3390/coatings15121449, 1449. SJR (Scopus):0.539, JCR-IF (Web of Science):2.8 **Q2 (Scopus)** Линк	1.000	16.67
30	Eftimov, T., **Dyankov, G.**, **Kolev, P.**, Nikolov, K., Vladev, V.. A Simple and Affordable Solution for Current Measurement Using a Polarimetric Fiber Sensor with Temperature Correction.. Current Research Progress in Physical Science Vol. 5, 1–40., 5, BP International, 2025, ISBN:978-93-48388-55-1, DOI:https://doi.org/10.9734/bpi/crpps/v5/2656 Ed.Prof. Jelena Purenovic, 40, 1-40 **Международно академично издателство** Линк	1.000	40.00
31	Eftimov, T., **Dyankov, G.**, Nikolov, K., **Kolev, P.**, Brabant, D., Sow, A. An affordable smartphone interrogatable polarimetric fiber optic current sensor. Results in Optics, 18, Elsevier B.V., 2025, ISSN:26669501, DOI:10.1016/j.rio.2024.100767, 100767. SJR (Scopus):0.393, JCR-IF (Web of Science):3 **Q3 (Scopus)** Линк	1.000	33.33
32	Eftimov, T., Ghaffari, S., **Dyankov, G.**, Vladev, V., Arapova, A.. Pulsed CO2 Laser-Fabricated Cascades of Double Resonance Long Period Gratings for Sensing Applications. Micromachines, 16(8), 959, MDPI, 2025, ISSN:2072-666X, DOI:10.3390/mi16080959, 1-14. SJR (Scopus):0.575, JCR-IF (Web of Science):3 **Q2 (Web of Science)** Линк	1.000	20.00
33	Gancheva, M., Iordanova, R., **Ivanov, P.**, Yordanova, A.. Effect of Ball Milling Speeds on the Phase Formation and Optical Properties of α-ZnMoO4 and β-ZnMoO4 Nanoparticles. Journal of Manufacturing and Materials Processing, 9, 4, MDPI, 2025, ISSN:2504-4494, DOI:https://doi.org/10.3390/jmmp9040118, 118. SJR (Scopus):0.724, JCR-IF (Web of Science):3.3 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	25.00
34	Gancheva, M., Iordanova, R., Avdeev, G., Piroeva, I., **Ivanov, P.**. Direct mechanochemical synthesis of SrMoO4: structural and luminescence properties. RSC Mechanochemistry, 2, Royal Society of Chemistry, 2025, ISSN:2976-8683, DOI:https://doi.org/10.1039/D4MR00122B, 459-467 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	20.00
35	Gancheva, M., Iordanova, R., Koseva, I., Piroeva, I., **Ivanov, P.**. Structural and Optical Properties of BaWO4 Obtained by Fast Mechanochemical Treatment. Inorganics, 13, MDPI, 2025, ISSN:2304-6740, DOI:https:// doi.org/10.3390/inorganics13050172, 172. SJR (Scopus):0.509, JCR-IF (Web of Science):3 **Q2 (Scopus)** Линк	1.000	20.00
36	Genova-Kalou, P., **Hikova, E.**, Kereziev, T., **Kolev, P.**, **Mankov, V.**, **Veselinov, P.**, Valkov, T., **Dyankov, G.**. Does a SPR-Based Cell-Based Assay Provide Reliable Results on the Toxicity and Efficacy of Antiviral Drugs?. Sensors, 25, 3905, MDPI, 2025, ISSN:1424-8220, DOI:10.3390/s25133905, 1-13. SJR (Scopus):0.764, JCR-IF (Web of Science):3.5 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	62.50
37	Hsieh, J.-P., Chang, J.-G., Tu, C.-Y., Chen, K.-Y., Chen, Y.-Y., Tseng, C.-H., **Marinova, V.**, Lin, S.-H., Hsiao, H.-H., Luo, C.-W., Tsung, J.-W.. Selective Color Appearance of Liquid-Crystal-Aided Laser-Induced Periodic Surface Structures. Advanced Optical Materials, Wiley, 2025, ISSN:2195-1071, DOI:10.1002/adom.202402952, 2402952. SJR (Scopus):1.995, JCR-IF (Web of Science):10 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	9.09
38	Husremović, T., Meier, V., Pïech, L., Siess, K. M., Antonioli, S., Grishkovskaya, I., **Kircheva, N.**, **Angelova, S.**, Wenzl, K., Brandstätter, A., Veis, J., Miočić-Stošić, F., Anrather, D., Hartl, M., Truebestein, L., Cerron-Alvan, L. M., Leeb, M., Žagrović, B., Hann, S., Bock, C., Ogris, E., Dudev, T., Irwin, N. A. T., Haselbach, D., Leonard, T. A. PHLPP2 is a pseudophosphatase that lost activity in the metazoan ancestor. Proc. Natl. Acad. Sci. U. S. A., 122, 14, National Academy of Sciences, 2025, ISSN:0027-8424, DOI:10.1073/pnas.2417218122, e241721812. SJR (Scopus):3.737, JCR-IF (Web of Science):9.4 **Q1 - оглавява ранглистата (Scopus)** Линк	1.000	8.00
39	Ilcheva, V., Boev, V., Dimitrova, M., Mladenova, B., **Karashanova, D.**, Lefterova, E., Rey-Raap, N., Arenillas, A., Stoyanova, A.. Influence of Synthesis Conditions on the Capacitance Performance of Hydrothermally Prepared MnO2 for Carbon Xerogel-Based Solid-State Supercapacitors. Gels, 11, 1, MDPI, 2025, ISSN:23102861, DOI:10.3390/gels11010068, 68. SJR (Scopus):0.847, JCR-IF (Web of Science):5 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	11.11

40	Iordanova, R., Gancheva, M., Koseva, I., Avdeev, G., **Ivanov, P.**. Synthesis, Characterization and Optical Behavior of Nanocrystalline CoWO4. Molecules, 30, MDPI, 2025, ISSN:1420-3049, DOI:10.3390/ molecules30193843, 3843. SJR (Scopus):0.865, JCR-IF (Web of Science):4.6 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	20.00
41	Ivanova, A., Todorova, M., Petrov, D., Petkova, Z., Teneva, O., Antova, G., Angelova-Romova, M., Yanakieva, V., Tsoneva, S., Gledacheva, V., Nikolova, K, **Karashanova, D.**, Nikolova, S.. From Spirulina platensis to Nanomaterials: A Comparative Study of AgNPs Obtained from Two Extracts. Nanomaterials, 15, 18, MDPI, 2025, ISSN:ISSN: 2079-4991, DOI:10.3390/nano15181392, JCR-IF (Web of Science):4.3 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	7.69
42	Ivanova, K., Bachvarova-Nedelcheva, A., Iordanova, R., Stoyanova, A., **Petrova, P.**, Yordanova, L., Ivanova, I.. Synthesis, Luminescent and Antibacterial Properties of Sol-Gel TiO2/TeO2/Nb2O5 Powders. Materials, 18, 5, MDPI, 2025, DOI:https://doi.org/10.3390/ma18050946, 946. SJR (Scopus):0.614, JCR-IF (Web of Science):3.2 **Q2 (Scopus)** Линк	1.000	14.29
43	Jassim J. M., Al-samak M. S., Younes W. T., **Kisov Hristo**. Near-Infrared Plasmonic Random Laser Emission Employing Gold Nanorods and LDS-821 Dye. Plasmonics, Springer, 2025, DOI:10.1007/s11468-025-02765-3, SJR (Scopus):0.47, JCR-IF (Web of Science):4.3 **Q3 (Scopus)** Линк	1.000	25.00
44	Kolev, K, Dimitrov, O, Dimitrova, M, Shipochka, M, **Karashanova, D**, Petkova, T. Structural and Morphological Characterization of Gd-Doped Ceria (Ce1−xGdxO2−x/2) Synthesized by an Optimized Hydrothermal Method. Materials, 18, 21, MDPI, 2025, ISSN:1996-1944, DOI:10.3390/ma18214957, JCR-IF (Web of Science):3.2 **Q2 (Web of Science)** Линк	1.000	16.67
45	Komsa-Penkova, R., Alexandrova-Watanabe, A., Todinova, S., Ivanova, V., Stoycheva, S., Temnoshki, P., Dimitrov, B., Dimitrov, D., Tonchev, P., Georgieva, G., Kukov, A., Ivanova, I., Tiankov, T., Abadjieva, E., **Strijkova, V.**, Altankov, G.. Adhesion of Mesenchymal Stem Cells to Glycated Collagen—Comparative Analysis of Dynamic and Static Conditions. Polymers, 17, 6, Multidisciplinary Digital Publishing Institute (MDPI), 2025, ISSN:20734360, DOI:10.3390/polym17060821, 821. SJR (Scopus):0.92, JCR-IF (Web of Science):4.9 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	6.25
46	Milanova, M., Yordanova, A., Aleksandrov, L., Iordanova, R., **Petrova, P.**. Synthesis and Photoluminescent Properties of Dy3+-Doped and Dy3+/Eu3+ Co-Doped 50ZnO:40B2O3:5WO3:Nb2O5 Glass. Molecules, 30, 10, MDPI, 2025, DOI:https://doi.org/10.3390/ molecules30102229, 2229. SJR (Scopus):0.865, JCR-IF (Web of Science):4.6 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	20.00
47	Milenov, T., Avramova, I., Mehandziev, V., Zahariev, I., Avdeev, G., **Karashanova, D.**, **Georgieva, B.**, Blagoev, B., Kirilov, K., Rafailov, P., Kolev, S., Dimov, D., Karaivanova, D., Kalchevski, D., Trifonov, D., Grozev, I., Popov, V. A Comparative Study on Synthesizing SiC via Carbonization of Si (001) and Si (111) Substrates by Chemical Vapor Deposition. Materials, 18, 3239, MDPI, 2025, ISSN:1996-1944, DOI:10.3390/ma18143239, SJR (Scopus):0.614, JCR-IF (Web of Science):3.2 **Q2 (Web of Science)** Линк	1.000	11.76
48	Milenov, T., Mehandziev, V., Rafailov, P., Avramova, I., Zahariev, I., Avdeev, G., **Karashanova, D.**, **Georgieva, B.**, **Terziyska, P.**, Kirilov, K., Blagoev, B., Kolev, S., Dimov, D., Kalchevski, D., Karaivanova, D., Popov, V.. The Study of the Synthesis of SiC by the Carbonization of Si(111) Substrates: The Role of Native Silicon Oxide. Applied sciences, 15(13), 7078, MDPI, 2025, ISSN:2076-3417, DOI:10.3390/app15137078, JCR-IF (Web of Science):2.5 **Q2 (Web of Science)** Линк	1.000	18.75
49	Muñiz, B., Calleja, F., Dai, J., Tallarida, M., **Marinova, V.**, Barla, A., Cuxart, M.G., Gargiani, P., Molina, G.N., Silva-Guillén, J.A., Figueroa, A.I., García-Díez, K., Valenzuela, S.O., Mugarza, A., Vázquez de Parga, A.L., Miranda, R., Guinea, F., Garnica, M., Valbuena, M.A.. Microscopic Insights into Magnetic Warping and Time-Reversal Symmetry Breaking in Topological Surface States of Rare-Earth-Doped Bi2Te3. Advanced Materials, Wiley-Blackwell, 2025, ISSN:15214095, DOI:10.1002/adma.202510877, e10877. SJR (Scopus):8.851, JCR-IF (Web of Science):26.8 **Q1 - оглавява ранглистата (Web of Science)** Линк	1.000	5.26
50	Nikolov, V., Koseva, I., Tzvetkov, P., Nikolova, R., Petrova, N., Kukeva, R., **Karashanova, D**. Optimal conditions for synthesis of Cr4+ doped Li2CaGeO4 glass-ceramics for laser emission in the near IR region. Ceramics International, 51, 6, Elsevier, 2025, ISSN:0272-8842, DOI:10.1016/j.ceramint.2024.12.233, 7964-7976. SJR (Scopus):1.034, JCR-IF (Web of Science):5.1 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	14.29
51	Pavlova, E., Atanasov, P., Ivanov, I., **Dyankov, G.**. Biomarkers of Oxidative Stress in COVID-19 Patients. Int. J. Mol. Sci., 26, 3869, MDPI, 2025, ISSN:1422-0067, DOI:https://doi.org/10.3390/ijms26083869, 1-14. SJR (Scopus):1.273, JCR-IF (Web of Science):4.9 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	25.00
52	Popova, M., Mladenov, B., Dimitrov, I., Dimitrov, M., Mitova, V., Mitrev, Y., Kovacheva, D., Velinov, N., **Karashanova, D.**, Boycheva, S. 3D Printed Ni–Cu Sodalite Catalysts for Sustainable γ-Valerolactone Production from Levulinic Acid—Effect of the Copper Content and the Method of Preparation. Processes, 13, 1, MDPI, 2025, ISSN:2227-9717, DOI:10.3390/pr13010072, 1-22. SJR (Scopus):0.554, JCR-IF (Web of Science):2.8 **Q2 (Web of Science)** Линк	1.000	10.00
53	Rabadzhiyska, S., Dechev, D., Ivanov, N., Shipochka, M., Atanasova, G., **Strijkova, V.**, **Katrova, V.**, Dimcheva, N. Mechanical, Tribological, and Corrosion Behavior of Magnetron-Sputtered VN Coatings Deposited at Different Substrate Temperatures. Metals, 15, 9, MDPI, 2025, ISSN:2075-4701, DOI:https://doi.org/10.3390/met15090955, 955. SJR (Scopus):0.586, JCR-IF (Web of Science):2.5 **Q2 (Scopus)** Линк	1.000	25.00

54	Rosmini, C., Kolev, H., Velinov, N., **Karashanova, D.**, Kovacheva, D., Sebastián, D., Lázaro, M. J., Gebreslase, G. A., Tsyntsarski, B., Dimitrov, M. Coking-driven activation of NixFe3-xO4 doped waste-derived carbon: From methanol decomposition to enhanced alkaline OER catalysis. Catalysis Today, 458, Elsevier, 2025, ISSN:09205861, DOI:10.1016/j.cattod.2025.115365, SJR (Scopus):1.05, JCR-IF (Web of Science):5.2 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	10.00
55	Sierra, J.F., Světlík, J., Torres, W.S., Camosi, L., Herling, F., Guillet, G., Xu, K., Reparaz, J.S., **Marinova, V.**, **Dimitrov, D.**, Valenzuela, S.O.. "Room-temperature anisotropic in-plane spin dynamics in graphene induced by PdSe2 proximity". Nature Materials, 24, Nature, 2025, ISSN:14764687, DOI:10.1038/s41563-024-02109-2, 876-882. SJR (Scopus):18.288, JCR-IF (Web of Science):38.5 **Q1 - оглавява ранглистата (Web of Science)** Линк	1.000	18.18
56	Smolík, J., Knotek, P., Schwarz, J., Kostka, P., **Todorov, R.**, Yatskiv, R., Kutálek, P., Černošková, E.. Influence of ZnO/ZnS on the Photoinduced Response of Heavy-metal Sb2O3-based Glasses. Optics, Photonics and Lasers, IFSA Publishing, 2025, ISBN:978-84-09-72042-2, 66-69 **Друго** Линк	1.000	12.50
57	Smolík, J., Kutálek, P., Samsonova, E., Černošková, E., Knotek, P., Černošek, Z., **Todorov, R.**, Plecháček, T., Schwarz, J., Tichý, L. Local topographical changes of Ge-(Sb)-Se thin films induced by direct electron beam writing. Ceramics International, 51, 18, Elsevier, 2025, ISSN:0272-8842, DOI:10.1016/j.ceramint.2025.03.128, 24450-24458. SJR (Scopus):1.034, JCR-IF (Web of Science):5.6 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	10.00
58	Stoyanova, M., Gledacheva, V., Milusheva, M., Todorova, M., **Kircheva, N.**, **Angelova, S.**, Stefanova, I., Pencheva, M., Tumbarski, Y., Vasileva, B., Hristova-Panusheva, K., Gospodinova, Z., Krasteva, N., Miloshev, G., Georgieva, M., Nikolova, S. Functionalized Silver Nanoparticles as Multifunctional Agents Against Gut Microbiota Imbalance and Inflammation. Nanomaterials, 15, 11, MDPI, 2025, ISSN:2079-4991, DOI:10.3390/nano15110815, 815-839. SJR (Scopus):0.81, JCR-IF (Web of Science):4.3 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	12.50
59	Stoyanova, M., Milusheva, M., Gledacheva, V., Todorova, M., **Kircheva, N.**, **Angelova, S.**, Stefanova, I., Pencheva, M., Vasileva, B., Hristova-Panusheva, K., Krasteva, N., Miloshev, G., Tumbarski, Y., Georgieva, M., Nikolova, S. Silver Nanoparticles with Mebeverine in IBS Treatment: DFT Analysis, Spasmolytic, and Anti-Inflammatory Effects. Pharmaceutics, 17, 5, MDPI, 2025, ISSN:1999-4923, DOI:10.3390/pharmaceutics17050561, 561. SJR (Scopus):1.075, JCR-IF (Web of Science):5.5 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	13.33
60	Tchekalarova, J., Rangelov, M., Iliev, I., Todorova, N., Stoyanova, Ts., **Nedelchev, L.**, Todorov, P. Anticonvulsant Profiles of Three Hemorphin-4 Analogs with Rhodamine B in Mice. Pharmaceuticals, 18, 5, MDPI, 2025, ISSN:1424-8247, DOI:https://doi.org/10.3390/ph18050673, 673-1-673-17. SJR (Scopus):1.02, JCR-IF (Web of Science):4.8 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	14.29
61	Theochari, G., Trendafilova, I., Mladenov, B., Kovacheva, D., **Karashanova, D.**, Atanasova, G., Mitova, V., Popova, M. Design of 3D printed Mg doped Ni-Co-containing biowaste-derived porous silica as highly-effective catalysts for CO2 methanation. Catalysis Today, 459, Elsevier, 2025, ISSN:0920-5861, DOI:10.1016/j.cattod.2025.115405, JCR-IF (Web of Science):5.2 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	12.50
62	Trifonova, Y., **Stoilova, A.**, **Dimov, D.**, **Mateev, G.**, **Nazarova, D.**, **Nedelchev, L.**, Ivanova, V., Liliva, V. The Synthesis of New Chalcogenides from the System GeTe6-Cu and a Layered Structure Based on Them and an Azo Polymer for Application in Optoelectronics. Materials, 18, 14, MDPI, 2025, ISSN:1996-1944, DOI:https://doi.org/10.3390/ma18143387, 3387-1-3387-13. SJR (Scopus):0.614, JCR-IF (Web of Science):3.2 **Q2 (Web of Science)** Линк	1.000	62.50
63	Trifonova, Y., **Stoilova, A.**, **Dimov, D.**, **Mateev, G.**, Ivanova, V., Mitov, I., Surleva, O. Photo-Induced Birefringence in Layered Composite Materials Based on Ge–Te–In and Azo Polymer Prepared Through Different Methods. Materials, 18, 16, MDPI, 2025, ISSN:19961944, DOI:10.3390/ma18163837, 3837. SJR (Scopus):0.614, JCR-IF (Web of Science):3.2 **Q2 (Scopus)** Линк	1.000	42.86
64	Tsanev, I., Petrov, P., **Petrova, P.**, Kostadinova, O., Marinova, K., Pristavova, S., Titorenkova, R.. Optical spectroscopic characterization of Cr3+- bearing corundum from Mishevsko village, Eastern Rhodopes, Bulgaria. REVIEW OF THE BULGARIAN GEOLOGICAL SOCIETY, 86, 2, Българско геологическо дружество и Българска академия на науките, 2025, ISSN:0007-3938, DOI:https://doi.org/10.52215/rev.bgs.2025.86.2.54, 54-58. JCR-IF (Web of Science):0.3 **Q4 (Web of Science)** Линк	1.000	14.29
65	Yordanova, A., Milanova, M., Aleksandrov, L., Iordanova, R., Tzvetkov, P, Markov, P., **Petrova, P.**. Preparation of Glass-Ceramic Materials by Controlled Crystallization of Eu2O3-Doped WO3-B2O3-La2O3 Glasses and Their Luminescent Properties. Molecules, 30, 4, MDPI, 2025, DOI:https://doi.org/10.3390/molecules30040832, 832. SJR (Scopus):0.865, JCR-IF (Web of Science):4.6 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	14.29
66	Zaharieva, J., **Videva, V.**, Kolarski, M., Lyapchev, R., Morgenstern, B., Tsvetkov, M.. A Para-Substituted 2-Phenoxy-1,10-Phenanthroline Ligand for Lanthanide Sensitization: Asymmetric Coordination and Enhanced Emission from Eu3+, Tb3+, Sm3+ and Dy3+ Complexes. Molecules, 30, 17, MDPI, 2025, ISSN:1420-3049, DOI:10.3390/molecules30173548, 3548. SJR (Scopus):0.865, JCR-IF (Web of Science):4.6 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	16.67
67	Zorin, I., **Viqar, M.**, **Madjarova, V.**, **Stoykova, E.**, Heise, B., Gattinger, P. Dispersion compensation in nonlinear interferometry for mid infrared OCT imaging. Sensing with quantum light 845.WE-Heraeus-Seminar, 845, Wilhelm und Else Heraeus-Stiftung, 2025, 86-86 **Друго** Линк	1.000	50.00

Коригиран брой: 67.000