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

№	Публикация	Коригиращ Коефициент	Процент автори от звеното
1	**Atanasova, A.**, **Katrova, V.**, Hristova-Vasileva, T., **Todorov, R.**. Synthesis, microstructure and optical properties of Ag3Sn nanoparticles for plasmonic sensing applications. Optics InfoBase Conference Papers, OSA, 2021, EW4A.13 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	75.00
2	**Atanasova, A.**, **Katrova, V.**, Hristova-Vasileva, T., **Todorov, R.**. Synthesis, microstructure, and optical properties of Ag3Sn nanoparticles for plasmonic sensing applications. Proceedings of SPIE - The International Society for Optical Engineering, 11919, 2021, ISSN:0.192, 1191927. SJR (Scopus):0.192 **SJR, непопадащ в Q категория (Scopus)** Линк	1.000	75.00
3	**Atanasova, A.**, Hristova-Vasileva, T., **Todorov, R.**. Influence of the molecular weight and concentration of PVP on the polyol synthesized silver nanoparticles. Journal of Physics: Conference Series, 1762, IOP, 2021, 012032. SJR (Scopus):0.227 **Q4 (Scopus)** Линк	1.000	66.67
4	**Berberova-Buhova, N.**, **Nedelchev, L.**, **Mateev, G.**, **Stoykova, E.**, **Strijkova, V.**, **Nazarova, D.**. Influence of the size of Au nanoparticles on the photoinduced birefringence and diffraction efficiency of polarization holographic gratings in thin films of azopolymer nanocomposites. Optical Materials, 121, Elsevier, 2021, ISSN:0925-3467, DOI:https://doi.org/10.1016/j.optmat.2021.111560, 111560-1-111560-9. SJR (Scopus):0.6, JCR-IF (Web of Science):3.08 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	100.00
5	**Blagoeva, B.**, **Berberova, N.**, **Nazarova, D.**, **Nedelchev, L.**, **Mateev, G.**, **Stoykova, E.**, Otsetova-Dudin, E, **Sharlandjiev, P.**. Modelling of the diffraction efficiency of surface relief gratings with varying spatial frequencies, height and shape of the relief. Journal of Physics: Conference Series, 1859, IOP Publishing Ltd., 2021, ISSN:1742-6596, DOI:10.1088/1742-6596/1859/1/012003, 012003-1-012003-5. SJR (Scopus):0.21 **Q4 (Scopus)** Линк	1.000	87.50
6	**Blagoeva, B.**, **Nedelchev, L.**, **Nazarova, D.**, **Berberova-Buhova, N.**, **Stoykova, E.**, Park, J.. Chiral Structures Induced by Elliptically Polarized Light in Amorphous and Liquid Crystalline Azopolymers. OSA Technical Digest, DH-2021, OPTICA publishing group (formerly OSA), 2021, ISBN:978-1-943580-89-7, DOI:https://doi.org/10.1364/DH.2021.DM6E.7, DM6E.7-1-DM6E.7-2 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	83.33
7	**Blagoeva, B.**, **Nedelchev, L.**, **Nazarova, D.**, **Stoykova, E.**, Park, J.. Reversible supramolecular chiral structures induced in azopolymers by elliptically polarized light: Influence of the irradiation wavelength and intensity. Applied Optics, 61, 5, OPTICA publishing group (formerly OSA), 2021, ISSN:1559-128X, DOI:https://doi.org/10.1364/AO.444159, B147-B155. SJR (Scopus):0.67, JCR-IF (Web of Science):1.98 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	80.00
8	**Blagoeva, B.**, **Stoilova, A.**, **Dimov, D.**, Yordanov, D., **Nazarova, D.**, **Georgiev, A.**, Antonov, L.. Tautomeric influence on the photoinduced birefringence of 4-substituted phthalimide 2-hydroxy Schiff bases in PMMA matrix. Photochem Photobiol Sci, 20, Springer, 2021, DOI:10.1007/s43630-021-00056-4, 687-697. SJR (Scopus):2.987, JCR-IF (Web of Science):3.982 **Q2 (Scopus)** Линк	1.000	71.43
9	**Buchkov, K.**, **Todorov, R.**, Terziyska, P., Gospodinov, M., **Strijkova, V.**, **Dimitrov, D.**, **Marinova, V.**. Anisotropic Optical Response of WTe2 Single Crystals Studied by Ellipsometric Analysis. Nanomaterials, 11, 9, MDPI, 2021, DOI:https://doi.org/10.3390/nano11092262, 2262. SJR (Scopus):0.919, JCR-IF (Web of Science):5.076 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	71.43

10	**Buchkov, K.**, Galluzzi, A., Blagoev, B., Paskaleva, A., Terziyska, P., Stanchev, T., Mehandzhiev, V., Tzvetkov, P., Kovacheva, D., Avramova, I., Nazarova. E., Polichetti M.. Magneto-optical characterization of ZnO / Ni nano-laminate obtained via Atomic Layer Deposition. Journal of Physics: Conference Series, 1762, 1, IOP Publishing Ltd, 2021, ISSN:1742-6588, DOI:10.1088/1742-6596/1762/1/012041, 012041. SJR (Scopus):0.21 **Q4 (Scopus)** Линк	1.000	8.33
11	**Dimitrov, D.**, Chen Z.F., **Marinova, V.**, **Petrova, D.**, Ho C.Y., Napoleonov, B., Blagoev, B., **Strijkova ,V.**, Hsu K.Y., Lin S.H., Juang J.-Y.. ALD Deposited ZnO:Al Films on Mica for Flexible PDLC Devices. Nanomaterials, 11, 4, Multidisciplinary Digital Publishing Institute (MDPI), 2021, ISSN:2079-4991, DOI:doi.org/10.3390/nano11041011, 1011-1022. JCR-IF (Web of Science):5.34 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	36.36
12	**Dionisiev, I.**, **Minev, N.**, **Dimitrov, D.**, **Videva, V.**, **Buchkov, K.**, Dikov, H., Rafailov, P., **Marinova, V.**. 2D WSe2 films synthesized by thermally assisted conversion method. IEEE Xplore, Institute of Electrical and Electronics Engineers Inc., 2021, ISBN:978-166544518-4, DOI:10.1109/ET52713.2021.9580033, SJR (Scopus):0.11 **SJR, непопадащ в Q категория (IEEE Xplore)** Линк	1.000	75.00
13	**Georgiev, A**, Yordanov, D, Ivanova, N, Deneva, V, Vassilev, N, Kamounah, FS, Pittelkow, M, Crochet, A, Fromm, KM, Antonov, L. 7-OH quinoline Schiff bases: are they the long awaited tautomeric bistable switches?. Dyes and Pigments, 195, Elsevier, 2021, DOI:https://doi.org/10.1016/j.dyepig.2021.109739, 109739. SJR (Scopus):4.889, JCR-IF (Web of Science):0.83 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	10.00
14	**Georgiev, A**, Yordanov, D, Vassilev, N, Deneva, V, Nedeltcheva, D, Angelov, A, Antonov, L. A single isomer rotary switch demonstrating anti-Kasha behaviour: Does acidity function matter?. Physical Chemistry Chemical Physics, 23, Royal Society of Chemistry, 2021, DOI:https://doi.org/10.1039/D1CP01378E, 13760-13767. SJR (Scopus):1.05, JCR-IF (Web of Science):3.676 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	14.29
15	**Georgiev, R**, Chorbadzhiyska, Y, Pavlov, V, **Georgieva, B**, **Babeva, T**. Optical Detection of VOC Vapors Using Nb2O5 Bragg Stack in Transmission Mode. Photonics, 8, 339, MDPI, 2021, ISSN:2304-6732, DOI:10.3390/photonics8090399, 1-11. JCR-IF (Web of Science):2.676 **Q2 (Scopus)** Линк	1.000	60.00
16	**Katrova, V.**, **Atanasova, A.**, Hristova-Vasileva, T., **Todorov, R.**. Ultraviolet plasmonic properties of thin Ag-Sb films for optical biosensing application. Optics InfoBase Conference Papers, OSA, 2021, NTh3A.2 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	75.00
17	**Kircheva, N.**, **Dobrev, S.**, Yakimova, B., Stoineva, I., **Angelova, S.**. Molecular Insights into the Interaction of Angiotensin I-Converting Enzyme (ACE) Inhibitors and HEXXH Motif. Biophysical Chemistry, 276, Elsevier, 2021, ISSN:0301-4622, DOI:https://doi.org/10.1016/j.bpc.2021.106626, 106626. SJR (Scopus):0.564, JCR-IF (Web of Science):1.995 **Q2 (Web of Science)** Линк	1.000	60.00
18	**Kircheva, N.**, Dudev, T.. Competition between abiogenic and biogenic metal cations in biological systems: Mechanisms of gallium‘s anticancer and antibacterial effect. Journal of Inorganic biochemistry, 2021, DOI:https://doi.org/10.1016/j.jinorgbio.2020.111309, JCR-IF (Web of Science):3.21 **Q2** Линк	1.000	50.00
19	**Lazarova, K.**, Boycheva, S., **Vasileva, M.**, Zgureva, D., **Babeva, T.**. Effect of milling time on the sensing properties of fly ash zeolite composite thin films. MDPI, 6 (1), Engineering Proceedings, 2021, 55 **Международно академично издателство** Линк	1.000	60.00
20	**Lazarova, K.**, Boycheva, S., **Vasileva, M.**, Zgureva, D., **Georgieva, B.**, **Babeva, T.**. Acetone-sensitive thin films comprising coal fly ash Na-X zeolites and sol-gel Nb2O5 matrix. Nanomaterials, 11, MDPI, 2021, 2399. SJR (Scopus):0.92 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	66.67
21	**Lazarova, K.**, Bozhilova, S., Ivanova, S., Christova, D., **Babeva, T.**. Flexible and Transparent Polymer-Based Optical Humidity Sensor. MDPI, 21, Sensors, 2021, DOI:https://doi.org/10.3390/s21113674, 3674. SJR (Scopus):0.64 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	40.00
22	**Lazarova, K.**, Bozhilova, S., Ivanova, S., Christova, D., **Babeva, T.**. Optical Characterization of Acetone-Sensitive Thin Films of poly(vinyl alcohol)-g-poly(methyl acrylate). Chemistry Proceedings, 5(1), 41, MDPI, 2021, DOI:https://doi.org/10.3390/CSAC2021-10416 **Международно академично издателство** Линк	1.000	40.00
23	**Lazarova, K.**, Bozhilova, S., Ivanova, S., Christova, D., **Babeva, T.**. Study of the Effect of Bending Deformation on the Performance of Flexible Polymer Layered Humidity Sensor. Engineering Proceedings, 6, MDPI, 2021, 1 **Международно академично издателство** Линк	1.000	40.00
24	**Lovchinov, K.**, Alexieva, G., Georgieva, B., Petrov, M., Gergova, R., Tzoukrovsky, Y., Tyutyundzhiev, N.. Study of the sensitivity of ZrO2 and ZnO layers electrochemically deposited on a quartz resonator. Journal of Physics: Conference Series, 1762, 2021, ISSN:1742-6596, DOI:doi:10.1088/1742-6596/1762/1/012033, 1-5. SJR (Scopus):0.21 **Q4 (Scopus)** Линк	1.000	14.29
25	**Lovchinov, K.**, Slavov, K., Alexieva, G., **Ivanov, P.**, **Marinov, G.**, Gergova, R., **Strijkova, V.**, **Babeva, T.**. Study of ZrO2 nanolayers deposited electrochemically on different conductive substrates. Materials Science in Semiconductor Processing, 131, 105843, 2021, ISSN:1369-8001, DOI:https://doi.org/10.1016/j.mssp.2021.105843, SJR (Scopus):0.665, JCR-IF (Web of Science):3.088 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	62.50

26	**Marinova, V**, Petrov, S, Napoleonov, B, Mickovski, J, **Petrova, D**, **Dimitrov, D**, Hsu, K.-Y., Lin, S.-H.. Multilayer Graphene for Flexible Optoelectronic Devices. Matererials Proceedings, 4, 1, 2021, DOI:10.3390/IOCN2020-07900, 65 **Без JCR или SJR – индексиран в WoS или Scopus** Линк	1.000	37.50
27	**Mateev, G.**, **Nedelchev, L.**, **Nazarova, D.**, **Blagoeva, B.**, **Berberova, N.**, **Stoykova, E.**. Photoinduced chirality in azopolymer based nanocomposites with different TiO2 nanoparticles concentrations. Journal of Physics: Conference Series, 1859, IOP Publishing Ltd., 2021, ISSN:1742-6596, DOI:10.1088/1742-6596/1859/1/012010, 012010-1-012010-5. SJR (Scopus):0.21 **Q4 (Scopus)** Линк	1.000	100.00
28	**Minev, N.**, **Buchkov, K.**, Dikov, H., **Videva, V.**, Avramova, I., Rafailov, P., **Dimitrov. D.**, **Marinova, V.**. Properties Analysis of 2D PtSe2 Layers Grown by Thermally Assisted Conversion of Chemical Vapor Deposition. IEEE Xplore, Institute of Electrical and Electronics Engineers Inc., 2021, ISBN:978-166544518-4, DOI:10.1109/ET52713.2021.9579921, 1-4. SJR (Scopus):0.11 **SJR, непопадащ в Q категория (IEEE Xplore)** Линк	1.000	62.50
29	**Nedelchev, L.**, **Mateev, G.**, **Strijkova, V.**, Salgueiriño, V., Schmool, D., **Berberova-Buhova, N.**, **Stoykova, E.**, **Nazarova, D.**. Tunable Polarization and Surface Relief Holographic Gratings in Azopolymer Nanocomposites with Incorporated Goethite (α-FeOOH) Nanorods. Photonics, 8, MDPI, 2021, ISSN:2304-6732, DOI:https://doi.org/10.3390/photonics8080306, 306-1-306-12. SJR (Scopus):0.67, JCR-IF (Web of Science):2.676 **Q2 (Web of Science)** Линк	1.000	75.00
30	**Stoilova, A.**, **Dimov, D.**, Trifonova, Y., Lilova, V., **Blagoeva, B.**, **Nazarova, D.**, **Nedelchev, L.**. Preparation, structural investigation and optical properties determination of composite films based on PAZO polymer doped with GeTe4-Cu chalcogenide particles. The European Physical Journal Applied Physics (EPJ AP), 95, 3, EDP Sciences, 2021, ISSN:1286-0042, DOI:https://doi.org/10.1051/epjap/2021210104, 30301-1-30301-7. JCR-IF (Web of Science):0.993 **Q4 (Web of Science)** Линк	1.000	71.43
31	**Stoilova, A.**, **Mateev, G.**, **Nazarova, D.**, **Nedelchev, L.**, **Stoykova, E.**, **Blagoeva, B.**, **Berberova, N.**, Georgieva, S., Todorov, P.. Polarization holographic gratings in PAZO polymer films doped with particles of biometals. Journal of Photochemistry and Photobiology A: Chemistry, 411, Elsevier, 2021, ISSN:1010-6030, DOI:10.1016/j.jphotochem.2021.113196, 113196-1-113196-6. SJR (Scopus):0.71, JCR-IF (Web of Science):4.291 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	77.78
32	**Stoykova, E.**, **Berberova, N.**, **Blagoeva, B.**, **Nazarova, D.**, **Nedelchev, L.**, Machikhin, A.. Recognition of small areas of activity by the pointwise intensity-based dynamic speckle analysis. Proceedings of SPIE, 11782, SPIE, 2021, ISSN:0277-786X, DOI:10.1117/12.2592600, 117821U-1-117821U-6. SJR (Scopus):0.19 **SJR, непопадащ в Q категория (Scopus)** Линк	1.000	83.33
33	**Stoykova, E.**, **Nazarova, D.**, **Nedelchev, L.**, **Blagoeva, B.**, **Berberova, N.**, Hong, K., Park, J.. Quantization of dynamic speckle patterns with spatially varying statistics. Applied Optics, 60, 4, Optical Society of America (OSA), 2021, ISSN:1559-128X, DOI:https://doi.org/10.1364/AO.405991, A155-A165. SJR (Scopus):0.76, JCR-IF (Web of Science):1.98 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	71.43
34	**Stoykova, E.**, **Nazarova, D.**, **Nedelchev, L.**, **Ivanov, B.**, Machikhin, A.. Dynamic Speckle Metrology with Normalized Processing of Compressed Data. OPTICA Technical Digest, OPTICA Publishing Group, 2021, JW7A.5 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	80.00
35	**Stoykova, E.**, **Nazarova, D.**, **Nedelchev, L.**, Levchenko, M., **Berberova-Buhova, N.**, **Ivanov, B.**. Normalization in dynamic speckle analysis for non-destructive monitoring of speed of processes. Journal of Physics: Conference Series, 2091, IOP Publishing, 2021, ISSN:1742-6596, DOI:http://dx.doi.org/10.1088/1742-6596/2091/1/012002, 012002-1-012002-8. SJR (Scopus):0.21 **Q4 (Scopus)** Линк	1.000	83.33
36	**Stoykova, E.**, **Nazarova, D.**, **Nedelchev, L.**, Park, J.. JPEG Compression Scheme in Dynamic Speckle Imaging. OSA Technical Digest, DH-2021, OPTICA publishing group (formerly OSA), 2021, ISBN:978-1-943580-89-7, DOI:https://doi.org/10.1364/DH.2021.DM1B.5, DM1B.5-1-DM1B.5-2 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	75.00
37	**Stoykova, E.**, **Nazarova, D.**, Nenchev, M., Deneva, M.. Modelling of transmission for a stack of two Fizeau wedges with matched parameters. Proc. SPIE, 11783, SPIE, 2021, DOI:0.1117/12.2592651, 117830A-1-117830A-7. SJR (Scopus):0.192 **SJR, непопадащ в Q категория (Scopus)** Линк	1.000	50.00
38	**Todorov, R.**, Hristova-Vasileva, T., **Atanasova, A.**, **Katrova, V.**, **Milushev, G.**. Structural and optical properties of Au – In films for plasmonic applications. Journal of Physics: Conference Series, 1762, IOP, 2021, 012022. SJR (Scopus):0.227 **Q4 (Scopus)** Линк	1.000	80.00
39	**Todorov, R.**, Hristova-Vasileva, T., **Atanasova, A.**, **Katrova, V.**, **Strijkova, V,**, **Milushev, G.**, Milanov, E.. Optical properties of thin Ag – In films prepared byinterdiffusion in bimetallic nanolayered stacks. Journal of Physics: Conference Series, 1762, IOP, 2021, 012023. SJR (Scopus):0.227 **Q4 (Scopus)** Линк	1.000	71.43
40	**Todorov, R.**, Hristova-Vasileva, T., **Katrova, V.**, **Atanasova, A.**. Optical properties and UV Plasmon-Enhanced Fluorescence activity of thin Ag-In films. Optics InfoBase Conference Papers, OSA, 2021, DOI:https://doi.org/110.1364/IPRSN.2021.JTu1A.36, JTu1A.36 **Без JCR или SJR – индексиран в WoS или Scopus (Scopus)** Линк	1.000	75.00
41	**Кирчева, Н.**. ТЕОРЕТИЧНО ИЗСЛЕДВАНЕ НА МЕХАНИЗМА НА ДЕЙСТВИЕ НА АБИОГЕННИЯ МЕТАЛЕН КАТИОН ГАЛИЙ (III) С ПРИЛОЖЕНИЕ В МЕДИЦИНАТА. 2021, ISSN:1314-8931 **Друго**	1.000	100.00

42	Aleksandrov, L., Milanova, M., Iordanova, R., **Tomova, R.**, **Petrova, P.**, Nedyalkov, N.. STRUCTURE AND LUMINESCENT PROPERTIES OF Eu3+ DOPED GLASS IN THE SYSTEM WO3-La2O3-B2O3-Nb2O5. ournal of Chemical Technology and Metallurgy, 56, 1, 2021, ISSN:1314-7978, 67-74. SJR (Scopus):0.331 **Q3 (Scopus)** Линк	1.000	33.33
43	Aleksandrova M., Ivanova T., **Stijkova V.**, Tsanev T., Singh A. K., Singh J., Gesheva K.. Ga-doped zno coating—a suitable tool for tuning the electrode properties in the solar cells with cds/zns core-shell quantum dots. Crystals, 11, MDPI AG, 2021, ISSN:20734352, DOI:10.3390/cryst11020137, 1-11. SJR (Scopus):0.538, JCR-IF (Web of Science):2.4 **Q2 (Scopus)** Линк	1.000	14.29
44	Angelova, G, Brazkova, M, Stefanova, P, Blazheva, D, Vladev, V, Petkova, N, Slavov, A, Denev, P, **Karashanova, D**, Zaharieva, R, Enev, A, Krastanov, A. Waste Rose Flower and Lavender Straw Biomass-An Innovative Lignocellulose Feedstock for Mycelium Bio-Materials Development Using Newly Isolated Ganoderma resinaceum GA1M. JOURNAL OF FUNGI, 7, 10, 2021, ISSN:2309-608X, DOI:10.3390/jof7100866, 866. JCR-IF (Web of Science):5.816 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	8.33
45	Atanassova, M., **Angelov, R.**, Gerginova, D., **Karashanova, D.**. Neutral organophosphorus ligands as a molecular lab for simultaneous detecting of Ag(I) ions,. Journal of Molecular Liquids, 335, 1, Elsevier, 2021, ISSN:0167-7322, DOI:10.1016/j.molliq.2021.116287, SJR (Scopus):0.883, JCR-IF (Web of Science):5.065 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	50.00
46	Beshkova M., Blagoev B., Mehandzhiev V., Yakimova R., Avramova I., Terziyska P., Kovacheva D., **Strijkova V.**. Optimization of AlN films grown by atomic layer deposition. Journal of Physics: Conference Series, 1762, IOP, 2021, ISSN:17426588, DOI:10.1088/1742-6596/1762/1/012035, SJR (Scopus):0.21 **Q4 (Scopus)** Линк	1.000	12.50
47	Blagoev, B, Terziyska, P, Tzvetkov, P, Kovacheva, D, Ivanov, P, Mehandzhiev, V, **Dimitrov, D**. Low Temperature ALD Films on Transparent and Flexible Substrates. 2021, DOI:10.1109/ET52713.2021.9580070, SJR (Scopus):0.11 **SJR, непопадащ в Q категория (IEEE Xplore)** Линк	1.000	14.29
48	Damyanov, D., Nikolova, V., **Angelova, S.**, Dudev, T.. Halide anion solvation and recognition by bambusurils: a DFT study. Journal of Molecular Liquids, 335, Elsevier, 2021, ISSN:0167-7322, DOI:https://doi.org/10.1016/j.molliq.2021.116160, 116160. SJR (Scopus):0.883, JCR-IF (Web of Science):5.065 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	25.00
49	Dimitrov, O., Stambolova, I., Vassilev, S., **Lazarova, K.**, Simeonova, S.. Surface and Optical Properties of Gd-Doped ZrO2 Nano Films.. Materials Proceedings, 4(1), MDPI, 2021, ISSN:2673-4605, DOI:https://doi.org/10.3390/IOCN2020-07841 **Друго (Друга база (не влиза в К2))** Линк	1.000	20.00
50	Elenkova, D, Lyapchev, R, Romanova, J, Morgenstern, B, Dimitrova, Y, **Dimov, D**, Tsvetkov, M, Zaharieva, J. Luminescent Complexes of Europium (III) with 2-(Phenylethynyl)-1,10-phenanthroline: The Role of the Counterions. Molecules, MDPI Multidisciplinary Digital Publishing Institute, 2021, DOI:https://doi.org/10.3390/molecules26237272, JCR-IF (Web of Science):4.4 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	12.50
51	Galluzzi, A., **Buchkov, K.**, Tomov, V., Nazarova, E., Leo, A., Grimaldi, G., Polichetti, M.. High Pinning Force Values of a Fe (Se, Te) Single Crystal Presenting a Second Magnetization Peak Phenomenon. Materials, 14, MDPI, 2021, ISSN:00218979, DOI:10.3390/ma14185214, 5214. SJR (Scopus):0.682, JCR-IF (Web of Science):3.623 **Q2 (Scopus)** Линк	1.000	14.29
52	Genova-Kalou P., **Dyankov G.**, Marinov R., **Mankov V.**, **Belina E.**, **Kisov H.**, **Strijkova-Kenderova V.**, Kantardjiev T.. Spr-based kinetic analysis of the early stages of infection in cells infected with human coronavirus and treated with hydroxychloroquine. Biosensors, 11, 8, 2021, ISSN:20796374, DOI:10.3390/bios11080251, SJR (Scopus):0.91, JCR-IF (Web of Science):5.519 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	62.50
53	Georgieva, S, Bezfamilnyi, A, **Georgiev, A**, Varbanov, M. Complex Activity and Sensor Potential toward Metal Ions in Environmental Water Samples of N-Phthalimide Azo-Azomethine Dyes. Molecules, 26, 19, MDPI, 2021, DOI:https://doi.org/10.3390/molecules26195885, 5885. SJR (Scopus):0.78, JCR-IF (Web of Science):4.411 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	25.00
54	Gyurova, AY, 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 Medium. Materials, 14, 24, MDPI, 2021, ISSN:1996-1944, DOI:10.3390/ma14247659, 7659. SJR (Scopus):0.68, JCR-IF (Web of Science):3.623 **Q1, не оглавява ранглистата** Линк	1.000	16.67
55	Hristova-Avakumova, N., Valcheva, E. P., Anastassova, N. O., Nikolova-Mladenova, B. I., Atanasova, L. A., **Angelova, S.**, Yancheva, D. Y.. In vitro and in silico studies of radical scavenging activity of salicylaldehyde benzoylhydrazones. Journal of Molecular Structure, 1245, 5, Elsevier, 2021, ISSN:0022-2860, DOI:https://doi.org/10.1016/j.molstruc.2021.131021, 131021. JCR-IF (Web of Science):3.196 **Q2** Линк	1.000	14.29
56	Iliev, MT, Koduru, HK, Marino, L, Marinov, YG, **Karashanova, D**, Scaramuzza, N. Studies on conductivity and dielectric properties of peo/pvp nanocomposite electrolytes for energy storage device applications. Bulgarian Chemical Communications, 53, 1, Bulgarska Akademiya na Naukite, 2021, ISSN:0861-9808, DOI:10.34049/bcc.53.1.4429, 5-9. SJR (Scopus):0.18 **Q4** Линк	1.000	16.67

57	Ilieva, L, Ivanov, I, Sobczak, JW, Lisowski, W, **Karashanova, D**, Kaszkur, Z, Petrova, P, Tabakova, T. Effect of support preparation method on water-gas shift activity of copper-based catalysts. International Journal of Hydrogen Energy, Elsevier, 2021, ISSN:0360-3199, DOI:https://doi.org/10.1016/j.ijhydene.2021.11.207, SJR (Scopus):1.21, JCR-IF (Web of Science):5.816 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	12.50
58	Ivanov G., Avramov I., **Strijkova V.**, Marinov Y., Vlakhov T., Bogdanova E., Hadjichristov G.. Mass sensitivity of Langmuir-Blodgett monolayer film coated surface acoustic wave resonators to volatile organic solvents. Journal of Physics: Conference Series, 1762, IOP, 2021, ISSN:17426588, DOI:10.1088/1742-6596/1762/1/012002, SJR (Scopus):0.21 **Q4 (Scopus)** Линк	1.000	14.29
59	Kancheva, V. D., Dettori, M. A., Fabbri, D., Alov, P., **Angelova, S.**, Slavova-Kasakova, A., Carta, P., Menshov, V., Yablonskaya, O., Trofimov, A., Tsakovska, I., Saso, L.. Natural chain-breaking antioxidants and their synthetic analogs as modulators of oxidative stress. Antioxidants, 10, MDPI, 2021, ISSN:2076-3921, DOI:https://doi.org/10.3390/antiox10040624, 624. SJR (Scopus):1.1, JCR-IF (Web of Science):5.014 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	8.33
60	Koseva, I., Nikolov, V., Tzvetkov, P., Gancheva, M., **Ivanov, P.**, **Petrova, P.**, **Tomova, R.**. Glass formation and glass ceramics in the system CaO-GeO2-Li2O-B2O3-Re2O3(Re=Eu3+, Tb3+, Dy3+). Journal of Non-Crystalline Solids, 552, Elsevier, 2021, DOI:https://doi.org/10.1016/j.jnoncrysol.2020.120442, SJR (Scopus):0.71 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	42.86
61	Koseva, I., V. Nikolov, P. Tzvetkov, M. Gancheva, **P. Ivanov**, **P. Petrova**, **R. Tomova**. PRELIMINARY INVESTIGATIONS ON PREPARATION OF CA2GEO4 AND CA5GE3O11 GLASS-CERAMICS DOPED BY RARE EARTH IONS FOR LED APPLICATION (RE3+ = TB3+, EU3+ AND DY3+). Journal of International Scientific Publications, 15, 2021, ISSN:ISSN 1314-7269, 151-161 **Международно академично издателство (Друга база (не влиза в К2))** Линк	1.000	42.86
62	Liu, J., Cao, L., **Stoykova, E.**, Ferarro, P., Blanche, P.. Digital Holography and 3D Imaging 2020: introduction to the feature issue. JOSA A, 38, 2, OPTICA Publishing, 2021, DOI:10.1364/JOSAA.419210, DH1-DH2. JCR-IF (Web of Science):2.129 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	20.00
63	Machikhin, A., Polschikova, O., Gorevoy, A., **Stoykova, E.**. Single-shot multi-spectral digital holographic imaging through acousto-optic wavelength scanning. Proc. SPIE, 11786, SPIE, 2021, DOI:10.1117/12.2592592, 117860J -1-117860J -6. SJR (Scopus):0.192 **SJR, непопадащ в Q категория (Scopus)** Линк	1.000	25.00
64	Marinov R., **Belina E.**, Genova-Kalou P, **Dyankov G**, Kantardjiev T.. Kinetic analysis of bimolecular “virus-host-cell” interaction by surface plasmon resonans (SPR) method.. Proceeding of University of Ruse – 2020, 192 – 197, FRI-ONLINE-1-BFT(R)-01, 2021 **Национално академично издателство**	1.000	40.00
65	Milenov, T, Avramova, I, Dikovska, A, Karaivanova, D, Terziyska, P, Kolev, S, **Karashanova, D**, **Georgieva, B**, Dimov, D, Atanasov, V, Valcheva, E. Modification of graphene-like, hydrogenated amorphous, hydrogenated tetrahedral amorphous carbon and amorphous carbon thin films by UV-C light. Surfaces and Interfaces, 24, 101073, Elsevier, 2021, ISSN:2468-0230, JCR-IF (Web of Science):4.837 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	18.18
66	Milenov, T, Dimov, D, Nikolov, A, Stankova, N, Avramova, I, **Karashanova, D**, **Georgieva, B**, Avdeev, G, Karaivanova, D, Valcheva, E. Synthesis of graphene-like phases by laser ablation of micro-crystalline graphite in water suspension. SURFACES AND INTERFACES, 27, ELSEVIER, RADARWEG 29, 1043 NX AMSTERDAM, NETHERLANDS, 2021, ISSN:2468-0230, DOI:10.1016/j.surfin.2021.101491, 101491. JCR-IF (Web of Science):4.837 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	20.00
67	Milenov, T., Dikovska, A., Avramova, I., Karaivanova, D., Avdeev, G., Tersiyska, P., Dimov, D., **Karashanova, D.**, **Georgieva, B.**, Kolev, S., Valcheva, E.. Modification of thin carbon films by UVC light. Journal of physics: Conference series, 1859, 012008, IOP, 2021, ISSN:1742-6588, DOI:10.1088/issn.1742-6596, SJR (Scopus):0.227 **Q4 (Scopus)** Линк	1.000	18.18
68	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. Journal of physics: Conference series, 1859, IOP, 2021, ISSN:1742-6588, DOI:10.1088/issn.1742-6596, SJR (Scopus):0.227 **Q4 (Scopus)** Линк	1.000	15.38
69	Nakashima, K, Petek, A, Hori, Y, **Georgiev, A**, Hirashima, Si, Matshushima, Y, Yordanov, D, Miura, T, Antonov, L. Acylhydrazone Subunits as a Proton Cargo Delivery System in 7-Hydroxyquinoline. Chemistry - A European Journal, 27, 45, Wiley-Blackwell, 2021, DOI:https://doi.org/10.1002/chem.202101650, 11559-11566. SJR (Scopus):1.69, JCR-IF (Web of Science):5.236 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	11.11
70	Nedyalkov, N, Nikov, R, Nikov, Ru, Dikovska, A, **Karashanova, D**, Grochowska, K, Karczewski, J, Sliwinski, G, Terakawa, M. Pulsed laser deposition of plasmonic structures in air by irradiation through the substrate. THIN SOLID FILMS, 734, ELSEVIER SCIENCE SAPO BOX 564, 1001 LAUSANNE, SWITZERLAND, 2021, ISSN:0040-6090, DOI:10.1016/j.tsf.2021.138836, 138836. SJR (Scopus):0.54, JCR-IF (Web of Science):2.183 **Q2 (Web of Science)** Линк	1.000	11.11
71	Nguyen Hong Minh Chau, Chih-Yao Ho, **Marinova, V**, Ken Yuh Hsu, Shiuan Huei Lin. “Tunable geometric phase retarders using photo-aligned liquid crystal devices”. SPIE Holography: Advances and Modern Trends VII, 11774, SPIE, 2021, ISBN:1996756X, 0277786X, DOI:10.1117/12.2590673, 117740M. SJR (Scopus):0.2 **SJR, непопадащ в Q категория (Web of Science)** Линк	1.000	20.00

72	Nikolov, AS, Stankova, NE, **Karashanova, DB**, Nedyalkov, NN, Pavlov, EL, Koev, KT, Najdenski, H, Kussovski, V, Avramov, LA, Ristoscu, C, Badiceanu, M, Mihailescu, IN. Synergistic effect in a two-phase laser procedure for production of silver nanoparticles colloids applicable in ophthalmology. OPTICS AND LASER TECHNOLOGY, 138, ELSEVIER SCI LTDTHE BOULEVARD, LANGFORD LANE, KIDLINGTON, OXFORD OX5 1GB, OXON, ENGLAND, 2021, ISSN:0030-3992, DOI:10.1016/j.optlastec.2020.106850, 106850. JCR-IF (Web of Science):3.867 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	8.33
73	Nikolova, V., Velinova, A., **Dobrev, S.**, **Kircheva, N.**, **Angelova, S.**, Dudev, T.. Host-guest complexation of cucurbit[7]uril and cucurbit[8]uril with the antineoplastic and multiple sclerosis (MS) agent mitoxantrone (Novantrone). J. Phys. Chem. A, 125, 2, ACS, 2021, ISSN:1089-5639, DOI:10.1021/acs.jpca.0c08544, 536-542. SJR (Scopus):0.75, JCR-IF (Web of Science):2.6 **Q2 (Web of Science)** Линк	1.000	50.00
74	Nikov, RG, Dikovska, AO, Avdeev, GV, Atanasova, GB, **Karashanova, DB**, Amoruso, S, Ausanio, G, Nedyalkov, NN. Single-step fabrication of oriented composite nanowires by pulsed laser deposition in magnetic field. MATERIALS TODAY COMMUNICATIONS, 26, ELSEVIERRADARWEG 29, 1043 NX AMSTERDAM, NETHERLANDS, 2021, ISSN:2352-4928, DOI:10.1016/j.mtcomm.2020.101717, 101717. SJR (Scopus):0.62, JCR-IF (Web of Science):3.383 **Q2 (Web of Science)** Линк	1.000	12.50
75	Nikov, Ro, Dikovska, A, Nedyalkov, N, **Nikova, T**, **Karashanova, D**. Nanosecond laser ablation of composite thin films in liquid. Journal of Physics: Conference Series, 1859, 012012, IOP Publishing, 2021, ISSN:1742-6588, DOI:10.1088/1742-6596/1859/1/012012, 1-5. SJR (Scopus):0.21 **Q4 (Web of Science)** Линк	1.000	40.00
76	Paskaleva, V., **Dobrev, S.**, Kochev, N., **Angelova, S.**, Antonov, L.. Unusual Para-Substituent Effects on the Intramolecular Hydrogen Bond in Hydrazone-Based Switches: Insights from Chemical Landscape Analysis and DFT Calculations. PhysChem, 1, 2, MDPI, 2021, ISSN:2673-7167, DOI:https://doi.org/10.3390/physchem1020013, 189-201 **Друго** Линк	1.000	40.00
77	Pen-Ying Liao, Zih-Fan Chen, **Marinova, V**, Shiuan-Huei Lin, Ken Y. Hsu. “Space division multiplexing of communication channels in a multimode fiber using holographic correlator method“. SPIE Holography: Advances and Modern Trends VII, 11774, 11774, SPIE, 2021, ISSN:1996756X, 0277786X, DOI:10.1117/12.2590960, 117740U. SJR (Scopus):0.2 **SJR, непопадащ в Q категория (Web of Science)** Линк	1.000	20.00
78	Pereva, S., Sarafska, T., Petrov, V., **Angelova, S.**, Spassov, T.. Inclusion complexes of (S)-naproxen and native cyclodextrins: supramolecular structure and stability. Journal of Molecular Structure, 1235, Elsevier, 2021, DOI:10.1016/j.molstruc.2021.130218, 130218. SJR (Scopus):0.45, JCR-IF (Web of Science):2.463 **Q2 (Scopus)** Линк	1.000	20.00
79	Petrov, M., **Lovchinov, K.**, Slavov, L., Hikov, T., Tyutyundzhiev, N.. Electrochemically-stabilized carbon materials for supercapacitor prototypes. Journal of Physics: Conference Series, 1859, 012065, 2021, ISSN:1742-6596, DOI:doi:10.1088/1742-6596/1859/1/012065, 1-6. SJR (Scopus):0.21 **Q4 (Scopus)** Линк	1.000	20.00
80	Petrov, M., **Lovchinov, K.**, Slavov, L., Stankulov, T., Nichev, H., Hikov, T., Tyutyundzhiev, N.. Thermally Stabilized Soot for Supercapacitors. Phys. Status Solidi A, 2000617, 2021, ISSN:1862-6300, 1862-6319, DOI:https://doi.org/10.1002/pssa.202000617, SJR (Scopus):0.527, JCR-IF (Web of Science):2.291 **Q2 (Scopus)** Линк	1.000	14.29
81	Petrov, S., **Marinova, V.**, Ching-Cherng Sun, Ken Yuh Hsu, Shiuan Huei Lin. “Inch-scale graphene-based LC tunable phase retarders: experimental study of surface interaction between liquid crystal-polyamide-graphene layers”. Appl. Surface Science, 566, Elsevier, 2021, ISSN:0169-4332, DOI:DOI: 10.1016/j.apsusc.2021.150646, 150646. JCR-IF (Web of Science):6.707 **Q1 - оглавява ранглистата (Web of Science)** Линк	1.000	20.00
82	Polichetti, M., Galluzzi, A., **Buchkov, K.**, Tomov, V., Nazarova, E., Leo, A., Grimaldi, G., Pace, S.. precursor mechanism triggering the second magnetization peak phenomenon in superconducting materials. Scientific Reports, 11, 1, Nature, 2021, ISSN:20452322, DOI:10.1038/s41598-021-86728-8, 7247. SJR (Scopus):1.24, JCR-IF (Web of Science):4.379 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	12.50
83	Popova, M, Szegedi, A, Oykova, M, Lazarova, H, Koseva, N, Mihályi, MR, **Karashanova, D**, Mitrev, Y, Shestakova, P. Hydrodemethoxylation/Dealkylation on Bifunctional Nanosized Zeolite Beta. Molecules, 26, 7694, MDPI, 2021, ISSN:1420-3049, DOI:https://doi.org/10.3390/molecules26247694, SJR (Scopus):0.78, JCR-IF (Web of Science):4.412 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	11.11
84	Rafailov, P M, **Marinova, V**, **Todorov, R**, Boyadjiev, S. An optical excitation study of pure and Ru-doped Bi12SiO20 crystals with graphene coating. Journal of Physics: Conference Series, 1762, 2021, 012024. SJR (Scopus):0.21 **Q4 (Scopus)** Линк	1.000	50.00
85	Slavova-Kazakova, A., **Angelova, S.**, Fabbri, D., Dettori, M. A., Kancheva, V. D., Delogu, G.. Antioxidant properties of novel curcumin analogues: a combined experimental and computational study. Journal of Food Biochemistry, 45, 1, Wiley-Blackwell, 2021, ISSN:1745-4514, DOI:10.1111/jfbc.13584, e13584. SJR (Scopus):0.399, JCR-IF (Web of Science):1.662 **Q3 (Web of Science)** Линк	1.000	16.67
86	Solovjov A L, Petrenko E V, Omelchenko L V, Nazarova E, **Buchkov K**, Rogacki K. Fluctuating Cooper pairs in FeSe at temperatures exceeding double Tc. Superconductor Science and Technology, 31, 1, IOP, 2021, ISSN:0953-2048, DOI:https://doi.org/10.1088/1361-6668/abc2ac, 015013. SJR (Scopus):0.991, JCR-IF (Web of Science):3.07 **Q2 (Scopus)** Линк	1.000	16.67

87	Staneva, A, Martinov, B, Slavov, S, **Karashanova, D**, Mateeva, J, Melo, BMG, Costa, LC. DIELECTRIC PROPERTIES OF NEW COMPOSITES BASED ON GRAPHENE OXIDE AND NANO-SIZED ZnO. Journal of Chemical Technology & Metallurgy, 56, 1, 2021, ISSN:1314-7471, 54-66. SJR (Scopus):0.22 **Q3** Линк	1.000	14.29
88	Stankova, N, Nikolov, A, Iordanova, E, Yankov, G, Nedyalkov, N, Atanasov, P, Tatchev, D, Valova, E, Kolev, K, Armyanov, S, **Karashanova, D**, Fukata, N. New Approach toward Laser-Assisted Modification of Biocompatible Polymers Relevant to Neural Interfacing Technologies. POLYMERS, 13, 17, MDPIST ALBAN-ANLAGE 66, CH-4052 BASEL, SWITZERLAND, 2021, ISSN:2073-4360, DOI:10.3390/polym13173004, 3004. JCR-IF (Web of Science):4.329 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	8.33
89	Stankova, NE, Nikolov, A, **Karashanova, D**, Nedyalkov, N, Dikovska, A, Milenov, T, Ristoscu, C, Badiceanu, M, Mihailescu, IN. Fabrication of aqueous colloids of TixO2x-1 and Ag composite nanostructures by means of pulsed laser processing. Journal of Physics: Conference Series, 1859, IOP PUBLISHING LTDDIRAC HOUSE, TEMPLE BACK, BRISTOL BS1 6BE, ENGLAND, 2021, ISSN:1742-6588, DOI:10.1088/1742-6596/1859/1/012013, 012013. SJR (Scopus):0.21 **Q4 (Web of Science)** Линк	1.000	11.11
90	Todorova, S, Blin, JL, Naydenov, A, Lebeau, B, **Karashanova, D**, Kolev, H, Gaudin, P, Velinova, R, Vidal, L, Michelin, L, Josien, L, Filkova, D, Ivanova, I, Dotzeva, A, Tenchev, K. Co-Mn oxides supported on hierarchical macro-mesoporous silica for CO and VOCs oxidation. CATALYSIS TODAY, 361, ELSEVIERRADARWEG 29, 1043 NX AMSTERDAM, NETHERLANDS, 2021, ISSN:0920-5861, DOI:10.1016/j.cattod.2020.01.019, 94-101. JCR-IF (Web of Science):6.766 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	6.67
91	Tseng, Y.-C., Li, C.-M., Jian, S.-R., Lee, P.H., Gospodinov, M.M., **Marinova, V**, **Dimitrov, D.Z.**, Luo, C.W., Wu, K.-H., Zha, D.-Z., Juang , J.-Y.. Structural and electronic phase transition in Bi2Se2.1Te0.9 under pressure. Journal of Physics and Chemistry of Solids, 156, 2021, 110123. JCR-IF (Web of Science):3.995 **Q2 (Web of Science)** Линк	1.000	18.18
92	Tsoncheva, T, Ivanova, R, Velinov, N, Kovacheva, D, Spassova, I, **Karashanova, D**, Petrov, N. Design and Catalytic Behaviour of Hosted in Activated Carbon Foam CoxZn1-xFe2O4 Ferrites. SYMMETRY, 13, 8, MDPIST ALBAN-ANLAGE 66, CH-4052 BASEL, SWITZERLAND, 2021, ISSN:2073-8994, DOI:10.3390/sym13081532, 1532. SJR (Scopus):0.32, JCR-IF (Web of Science):2.713 **Q2 (Web of Science)** Линк	1.000	14.29
93	Tyutyundzhiev, N., Angelov, Ch., Arsov, T., **Lovchinov, K.**, Nitchev, H., Alexieva, G.. Development of Cost-efficient Wireless Network for Solar UV Irradiation Monitoring in Bulgaria. Journal of Physics: Conference Series, 1762, 2021, ISSN:1742-6596, DOI:doi:10.1088/1742-6596/1762/1/012040, 1-8. SJR (Scopus):0.21 **Q4 (Scopus)** Линк	1.000	16.67
94	Vologzhannikova, A., Shevelyova, M., Kazakov, A., Sokolov, A., Borisova, N., Permyakov, E., **Kircheva, N.**, Nikolova, V., Dudev, T., Permyakov, S.. Strontium Binding toα-Parvalbumin, a CanonicalCalcium-Binding Protein of the “EF-Hand” Family. Biomolecules, 11, 8, MDPI, 2021, ISSN:2218273X, DOI:10.3390/biom11081158, 1158. SJR (Scopus):1.13, JCR-IF (Web of Science):4.879 **Q2 (Web of Science)** Линк	1.000	10.00
95	Wubetu, G.A., **Marinova, V.**, Goovaerts , E .. Optical study of relaxation dynamics of photo-induced absorption of Cr-doped Bi12SiO20 crystals. Physica B: Condensed Matter, 608, 2021, 412778. SJR (Scopus):0.49, JCR-IF (Web of Science):2.436 **Q2 (Scopus)** Линк	1.000	33.33
96	Yordanov, D, Deneva, V, **Georgiev, A**, Vassilev, N, Vala, M, **Zhivkov, I**, Antonov, L. 4-OH coumarin based rotary switches: tautomeric state and effect of the stator. Dyes and Pigments, 184, Elsevier, 2021, DOI:https://doi.org/10.1016/j.dyepig.2020.108861, 108861. SJR (Scopus):0.83, JCR-IF (Web of Science):4.889 **Q1, не оглавява ранглистата (Web of Science)** Линк	1.000	28.57
97	Zagranyarski, Y., Mutovska, M., **Petrova, P.**, **Tomova, R.**, **Ivanov, P.**, Stoyanov, S.. Dioxin-annulated 1,8-naphthalimides – Synthesis, spectral and electrochemical properties, and application in OLED(. Dyes and Pigments, 184, elsevier, 2021, DOI:https://doi.org/10.1016/j.dyepig.2020.108585, SJR (Scopus):0.83, JCR-IF (Web of Science):4.889 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	50.00
98	Zhou, H., **Stoykova, E.**, Hussain, M., Banerjee, P.. Performance analysis of phase retrieval using transport of intensity with digital holography. Applied Optics, 60, 4, OSA Publishing, 2021, DOI:doi.org/10.1364/AO.404390, A83-A94. SJR (Scopus):0.749, JCR-IF (Web of Science):2.18 **Q1, не оглавява ранглистата (Scopus)** Линк	1.000	25.00
Коригиран брой: 98.000			