

**Публикации на д-р Росица Титоренкова
след придобиване на академична длъжност „доцент”
Професионално направление 4.4. Науки за Земята**

Група Г.7

Реферирани и индексирани:

11. Dimitrov, Ts., **Titorenkova, R.**, Zaichuk, A., Tzvetanova, Y.. Synthesis and study of ferri-diopside ceramic pigments. *Voprosy Khimii i Khimicheskoi Tekhnologii*, 1, 2022, ISSN:ISSN 2413-7987 (Online), <http://dx.doi.org/10.32434/0321-4095-2022-140-1-39-46>, 39-46. SJR (Scopus):0.28 **Q3**

12. **Titorenkova, R.**, Dimitrov, Tz., Tzvetanova, Y. Synthesis and characterization of Cr-doped diopside ceramics, *Review of Bulgarian Geological Society*, vol. 83, part 3, 2022, p. 47–50, ISSN 0007-3938, JCR-IF (Web of Science):0.2 **Q4**
http://bgd.bg/REVIEW_BGS/REVIEW_BGD_2022_3/PDF/09_Titorenkova_Rev_BGS_2022-3.pdf

13. Dimitrov, Ts., **Titorenkova, R.**, Petrov, O., Ibrevva, Ts., Stancheva, M.. Synthesis and characterization of ceramic pigments in the system CaO.NiO.MgO.2SiO₂. *AIP Conference Proceedings*, 2486, 1, 2022, ISSN:1551-7616, 030003-1-030003-7. SJR (Scopus):0.17
<https://doi.org/10.1063/5.0105620>

14. Dimitrov, T., **Titorenkova, R.**, Tzvetanova, Y.. Synthesis of Co-doped ceramics in the system CaO·xCoO·1–xZnO·2SiO₂. *Review of the Bulgarian Geological Society*, 80, 3, Bulgarian geological society, 2019, ISSN:0007-3938, 27-29 (Web of Science)
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15. Ibrevva, Ts., Dimitrov, Ts., **Titorenkova, R.**, Markovska, I., Tacheva, E., Petrov, O.. Synthesis and characterization of willemite ceramic pigments in the system xCoO. (2–x)ZnO. SiO₂. *Bulgarian Chemical Communications*, Vol. 50, Issue F, 2018, ISSN:ISSN: 0324-1130, 31-37. ISI IF:0.238 **Q4** <http://www.bcc.bas.bg/>

16. Nikolov, A., **Titorenkova, R.**, Nikolov, V., Delcheva, Z.. Characterization of a novel geopolymer based on acid-activated fayalite slag from local copper industry. *Bulgarian Chemical Communications*, 50, Special Issue F, 2018, 54-61. ISI IF:0.238 **Q4**
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17. Dimowa, L., Piroeva, I., Atanasova-Vladimirova, S., Petrova, N., Ganev, V., **Titorenkova, R.**, Yankov, G., Petrov, T., Shivachev, B.. Synthesis, structural, thermal and optical properties of TeO₂-Bi₂O₃-GeO₂-Li₂O glasses. *Optical Materials*, 60, Elsevier, 2016, ISSN:0925-3467, 577-583. SJR:0.701, IF:2.183 **Q1**
<https://doi.org/10.1016/j.optmat.2016.09.008>

18. Bakardjieva, S., Mares, J., Koci, E., Tolasz, J., Fajgar, R., Ryukhtin, V., Klementova, M., Michna, S., Bibova, H., Holmestad, R., **Titorenkova, R.**, Caplovicova, M.. Effect of Multiply Twinned Ag(0) Nanoparticles on Photocatalytic Properties of TiO₂ Nanosheets and TiO₂ Nanostructured Thin Films. *Nanomaterials*, 12, 5, MDPI, 2022, ISSN:2079-4991, 750-1-750-24. SJR (Scopus):0.84 **Q1** <https://doi.org/10.3390/nano12050750>

19. Fujiwara, K., Tamaki, T., Kishimori, C., **Titorenkova, R.**, Nakatsuka, A., Nakayama, N..Crystal Structures of Cobalt-Exchanged Sodium GTS-type Titanosilicates and the Elution Test by Acid Solution..Transactions of the Materials Research Society of Japan, 38, 3, 2013, IF 0.2 [https://www.jstage.jst.go.jp/article/tmrsj/38/3/38_455/ article](https://www.jstage.jst.go.jp/article/tmrsj/38/3/38_455/article)
20. Georgieva, I., Kossev, K., **Titorenkova, R.**, Petrova, N., Zahariev, Ts., Nikolova, R.. Effect of urea on arrangement of novel Mg(II) perrhenate crystal structures and their optical properties: Experimental and theoretical insight. Journal of Solid State Chemistry, 312, 2022, 123263-1-123263-11. SJR (Scopus): 0.58 **Q2** <https://doi.org/10.1016/j.jssc.2022.123263>
21. Kosev, K., Petrova, N., Georgieva, I., **Titorenkova, R.**, Nikolova, R.. Crystalline adducts of urea with magnesium iodide. Journal of Molecular Structure, 1224, Elsevier, 2021, ISSN:0022-2860, <https://doi.org/10.1016/j.molstruc.2020.129009>, SJR (Scopus):0.471, JCR-IF (Web of Science):3.196 **Q2**
22. Nikolova R., Mankov Sl., Petrova N., **Titorenkova R.** Fluorwavellite from Petrosnitsa river valley, Republic of Macedonia. Bulgarian Chemical Communications, 50, 2018, ISSN:0324-1130, 200-208. ISI IF:0.238 **Q4** <http://www.bcc.bas.bg/>
23. Tarassov, M., Tarassova, E., Nikolova, R., **Titorenkova, R.**, Chapevov, K., Janakieva, J.. Libethenite from the Sarnenshko Kladenche copper-polymetallic deposit, Eastern Srednogorie, Bulgaria. Comptes rendus de l'Académie bulgare des Sciences, 73, 12, BAS, 2020, ISSN:1310-1331, 1703-1710. SJR (Scopus):0.218, JCR-IF (Web of Science):0.343 **Q2** http://www.proceedings.bas.bg/DOI/doi2020_c_10.html
24. Tarassova, E., Tarassov, M., **Titorenkova, R.** Ancient pigments from the Early Hellenistic Documaci Tomb (4-3 BC) near the town Mangalia, Romania: mineralogical and chemical characteristics. Review of the Bulgarian Geological Society, Geosciences 2019, 80, 3, Bulgarian Geological Society, Bulgarian Academy of Sciences, 2019, ISSN:0007-3938, 256-258. Web of Science http://bgd.bg/REVIEW_BGS/REVIEW_BGD_2019_3/PDF/78_Tarassova_GeoSci_2019.pdf
25. Tarassova, E., Tarassov, M., **Titorenkova, R.** Ancient plasters from the Early Hellenistic Documaci Tomb (4-3 BC) near the town Mangalia, Romania: mineralogical and chemical characteristics. Review of the Bulgarian Geological Society, Geosciences 2019, 80, 3, Bulgarian Geological Society, Bulgarian Academy of Sciences, 2019, ISSN:0007-3938,253-255. (Web of Science) http://bgd.bg/REVIEW_BGS/REVIEW_BGD_2019_3/PDF/77_Tarassova_GeoSci_2019.pdf
26. Georgieva, M, Krumov, S., Ivanova, T., Dimitrova, D., Titorenkova, R.. Phenolic Compounds and Antioxidant Activity of Seven Bulgarian Cultivars Sweet Cherry (Prunus avium L.). BJAS, 29, 3, 2023, ISSN:ISSN 1310-0351 (Print), 446-451. SJR (Scopus):0.25 **Q3** https://journal.agrojournal.org/page/en/details.php?article_id=4277
27. Georgieva, M, **Titorenkova, R.**, Kozhukharov, S.. A simplified spectrophotometric procedure for the detection of mercury ions. REVIEW OF THE BULGARIAN GEOLOGICAL SOCIETY, 84, 3, 2023, ISSN: 0007-3938, 241-244. JCR-IF (Web of Science):0.2 **Q4** http://bgd.bg/REVIEW_BGS/REVIEW_BGD_2023_3/PDF/55_Georgieva-M_Rev_BGS_2023-3.pdf

Група Г.8 Неиндексирани

28. **Titorenkova, R.** FTIR microspectroscopy applied for studying biological mineralization. 59-th Annual Scientific Conference of University of Ruse „Angel Kanchev“, 2020, 174-179. <https://conf.uni-ruse.bg/bg/docs/cp20/bp/bp-24.pdf>
29. Kuvandjiev, N., Dimitrov, Ts., **Titorenkova, R.** Synthesis and characterization of V - doped diopside ceramic pigments. Reports Awarded with "Best Paper" Crystal Prize - 60th annual scientific conference of University of Ruse and Union of Scientists „New industries, digital economy, society - projections of the future – II”, University of Ruse, 2021, ISBN:978-954-712-864-4, 256-260. <https://conf.uni-ruse.bg/en/?cmd=dPage&pid=bp-2021>
30. Dimitrov, Ts., Titorenkova, R.. Study of diopside ceramic pigments with rare earth elements. Proceedings University of Ruse “Angel Kanchev”, 60, 10.1, 2021, ISSN:ISSN 1311-3321 (print), 40-44.
31. Jankov, G., **Titorenkova, R.**, Dimitrov, Ts.. Study of Ceramic Pigments with Praseodymium and Erbium Rare Earth Elements. Proceedings University of Ruse “Angel Kanchev”, 61, 10.3, 2022, ISSN:1311-3321, 11-15. <https://conf.uni-ruse.bg/bg/docs/sns/2022/FR.pdf>
32. Dimitrov, Ts., **Titorenkova, R.**, O. Petrov, Diopside ceramic pigments obtained by a sol-gel method with the participation of different chromophore elements, Proceedings University of Ruse “Angel Kanchev”, 2022, vol. 61, book 10.1., ISSN 2603-4123, 74-80. <https://conf.uni-ruse.bg/bg/docs/cp22/10.1/10.1-14.pdf>
33. Georgiev, G., Dimitrov, Ts., **Titorenkova, R.** Synthesis and study of diopside ceramic pigments with iron chromophore obtained by different methods, Proceedings University of Ruse “Angel Kanchev”, 2023, vol. 62, book 10.3, ISSN 2603-4123 (on-line), 19-23.
34. **Titorenkova, R.** Micro-IR and Raman spectroscopy applied for studying ancient earth pigments, University of Ruse “Angel Kanchev”, 2023, vol. 62, ISSN 2603-4123, 109-113. <https://conf.uni-ruse.bg/bg/docs/sns/2023/FR.pdf>

Група Г9

Глава от книга:

35. Rabadjieva, D, S. Tepavitcharova, R. Gergulova, K. Sezanova, R. **Titorenkova**, O. Petrov and E. Dyulgerova. Chapter title: BIOMIMETIC MODIFICATIONS OF CALCIUM ORTHOPHOSPHATE. ON BIOMIMETICS. Book, 2011, pp. 18-28. ISBN 978-953-307-271-5. <https://www.intechopen.com/chapters/18163>
36. Tarassova, E., Tarassov, M., **Titorenkova, R.** Mineralogical study of plasters and pigments. A Monumental Hellenistic Funerary Ensemble at Callatis on the Western Black Sea The Documaci Tumulus: Volume I, I, Archaeopress Publishing Ltd, Summertown Pavilion, 18-24. Middle Way, Summertown, Oxford OX2 7LG, England, 2021, ISBN:978-1-78969-436-9, 13, 246-258. <https://www.archaeopress.com/Archaeopress/Products/9781789694369>