

**Публикации на д-р Росица Титоренкова
Група В4**

1. Jegova, G., Titorenkova, R. , Rashkova, M., Mihailova, B.. Raman and IR reflection micro-spectroscopic study of Er:YAG laser treated permanent and deciduous human teeth. <i>Journal of Raman Spectroscopy</i> , 44, 11, 2013, ISSN:0377-0486, https://doi.org/10.1002/jrs.4373 , 1483-1490. SJR:1.047, IF:2.359. Q1
2. Titorenkova, R. , E. Duylgerova, V. Petkova, R. Illieva. Carbonation and dehydroxylation of apatite during high energy milling of biphasic Ca-phosphate ceramics, <i>Ceramics International</i> , 45, 6 (2019) 7025-7033. ISSN 0272-8842, https://doi.org/10.1016/j.ceramint.2018.12.204 , SJR (Scopus):0.94, JCR-IF (Web of Science):3.45 Q1
3. Rabadjieva, D., Sezanova, K., Gergulova, R., Titorenkova, R. , Tepavicharova, S.. Precipitation and Phase Transformation of Dicalcium Phosphate Dihydrate in Electrolyte Solutions of Simulated Body Fluids. Thermodynamic Modeling and Kinetic Studies. <i>Journal of biomedical materials research Part A</i> , 108, 8, Wiley, 2020, ISSN:1552-4965, https://doi.org/10.1002/jbm.a.36929 , 1607-1616. SJR (Scopus):3.22, JCR-IF (Web of Science):3.525. Q1
4. Bonchev, A., Simeonov, M., Shestakova, P., Vasileva, R., Titorenkova, R. , Apostolov, A., Duylgerova, E., Vassileva, E.. Bioinspired Remineralization of Artificial Caries Lesions Using PDMAEMA/Carbomer/Calcium Phosphates Hybrid Microgels. <i>Gels</i> , 8, 10, MDPI, 2022, 681-1-681-21. SJR (Scopus):0.69, JCR-IF (Web of Science):4.7. Q2 https://doi.org/10.3390/gels8100681
5. Rabadjieva D, Gergulova R, Ruseva K, Bonchev A, Shestakova P, Simeonov M, Vasileva R, Tatchev D, Titorenkova R , Vassileva E. Polycarboxy/Sulfo Betaine—Calcium Phosphate Hybrid Materials with a Remineralization Potential. <i>Materials</i> . 2023; 16(20):6640. https://doi.org/10.3390/ma16206640 Q2
6. Rabadjieva D, Gergulova R, Sezanova K, Kovacheva D, Titorenkova R . Mg, Zn Substituted Calcium Phosphates—Thermodynamic Modeling, Biomimetic Synthesis in the Presence of Low-Weight Amino Acids and High Temperature Properties. <i>Materials</i> . 2023; 16(20):6638. https://doi.org/10.3390/ma16206638 Q2
7. Ferdov, S., Lopes, A., Araujo, J., Shivachev, B., Titorenkova, R. , Petrova, N., Nikolova, R.. Three-Dimensional (3D) Microporous Iron Silicate with an Imandrite Type of Structure. <i>Inorganic Chemistry</i> , 60, 7, American Chemical Society, 2021, ISSN:0020-1669, https://doi.org/10.1021/acs.inorgchem.0c03487 , 4563-4568. SJR (Scopus):1.25, JCR-IF (Web of Science):5.165 Q1
8. Ferdov, S., Shivachev, B., Titorenkova, R. , Petrova, N., Tarassov, M., Nikolova, R.. Indium silicate with an imandrite-type structure. <i>RSC Advances</i> , 12, 20, RSC, 2022, ISSN:2046-2069, 12531-12536. SJR (Scopus):0.67, JCR-IF (Web of Science):4.036, https://doi.org/10.1039/D2RA00864E , Q2
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10. Titorenkova, R. , Kostov-Kytin, V., Dimitrov, Ts.. Synthesis, phase composition and characterization of Co-diopside ceramic pigments. <i>Ceramics International</i> , 48, 24, Elsevier, 2022, ISSN:0272-8842, https://doi.org/10.1016/j.ceramint.2022.08.242 , 36781-36788. SJR (Scopus):0.89, JCR-IF (Web of Science):5.532 Q1