

1. Lazarova, H. , Rusew, R., Kostadin, I., Tsvetanova, L., Barbov, B., Shivachev, B.. Photodegradation of Methylene Blue and Crystal Violet by Zr-Modified Engelhard Titanium Silicate 10. <i>Water</i> , 15, 23, 2023, ISSN:2073-4441, https://doi.org/10.3390/w15234186 , SJR (Scopus):0.72, JCR-IF (Web of Science):3.4. Q1
2. Nikolov, A., Kostov-Kytin, V., Tarassov, M., Tsvetanova, L., Lazarova, H. , Tasheva, T.. Products of carbonation of cement kiln dust, Review of the Bulgarian Geological Society, 85, 3, Bulgarian Geological Society, Bulgarian Academy of Sciences, 2024, ISSN:0007-3938, https://doi.org/10.52215/rev.bgs.2024.85.3.163 , 163-166. JCR-IF (Web of Science):0.2. Q4
3. Lazarova, H. , Rusew, R., Tsvetanova L., Barbov, B., Tacheva, E., Shivachev, B.. Elaboration and Characterization of Different Zirconium Modified ETS Photocatalysts for the Degradation of Crystal Violet and Methylene Blue, Wiley-VCH GmbH, <i>ChemistryOpen</i> , 14, 3, Wiley-VCH GmbH, 2025, ISSN:2191-1363, https://doi.org/10.1002/open.202400348 , e202400348. SJR (Scopus):0.55, JCR-IF (Web of Science):2.5. Q2
4. Angelova, M., Lazarova, H. , Kurteva, V., Nikolova, R., Rusew, R., Shivachev, B.. A Novel Zinc-Based MOF Featuring 2,4,6-Tris-(4-carboxyphenoxy)-1,3,5-triazine: Structure, Adsorption, and Photocatalytic Activity, <i>Crystals</i> , 15 (4), 348 MDPI, 2025, ISSN:2073-4352, https://doi.org/10.3390/cryst15040348 , SJR (Scopus):0.75, JCR-IF (Web of Science):2.4. Q2
5. Lakiss, L., Hamoud, H. I., Cruchade, H., Lazarova, H. , Qassab, M., Desmurs, M., Roz, M. El, Valtchev, V., Gilson, J.-P.. Zeolite Catalysts for Hydrogen Harvesting from Polyethylene: A Sustainable Approach to Plastic Waste Upgrading, <i>ChemCatChem</i> , Wiley-VCH GmbH, 2025, ISSN:1867-3880, https://doi.org/10.1002/cctc.202500592 , SJR (Scopus):0.941, JCR-IF (Web of Science):3.8. Q2
6. Kalvachev, Yu., Todorova, T., Nihtianova, D., Lazarova, H. , Popova, M.. Fluoride etching of mordenite and its influence on catalytic activity, <i>Journal of Materials Science</i> , 52 (9), Springer, 2017, ISSN:0022-2461, https://doi.org/10.1007/s10853-017-0769-3 , 5297-5308. SJR (Scopus):0.84, JCR-IF (Web of Science):2.30. Q1