Patrycja Zdeb-Stańczykowska

Lista Publikacji

1. Zdeb, P., Rebrova, N., Dereń, P.J. (2024). Discovering the Potential of High Phonon Energy Hosts in the Field of Visible-to-Ultraviolet C Upconversion. The Journal of Physical Chemistry Letters, 15 (37), 9356–9360, doi: 10.1021/acs.jpclett.4c02053.

2. Zdeb-Stańczykowska, P., Rebrova, N., Zorenko, Y., Voloshinovskii, A., Pushak, A., Dereń, P.J. (2025). Multifunctional Pr3+-doped LiNaY2F8 phosphor for visible-to-UVC and X-ray-to-UVC conversion. Journal of Alloys and Compounds, 1016, 178807, doi: 10.1016/j.jallcom.2025.178807.

3. Zdeb-Stańczykowska, P., Grippa, A., Dereń, P.J., Voloshinovskii, A., Pushak, A., Smortsova, Y., Rebrova, N. (2025). Luminescent Properties of Pr3+-Doped LiBaF3 Crystallites. Inorganic Chemistry, 64 (3), 1379–1388, doi: 10.1021/acs.inorgchem.4c04443.

4. Zdeb, P., Rebrova, N., Lisiecki, R., Dereń, P.J. (2024) Luminescence properties of an orthorhombic KLaF4 phosphor doped with Pr3+ ions under vacuum ultraviolet and visible excitation. Materials, 17 (6), 1410, doi:10.3390/ma17061410.

5. Rebrova, N., Zdeb, P., Lemański, K., Macalik, B., Bezkrovnyi, O., Dereń, P.J. (2024) Upconversion Luminescence properties of Pr3+-doped BaYF5 nanoparticles prepared by microwave hydrothermal method. Inorganic Chemistry, 63 (6), 3028–3036, doi:10.1021/acs.inorgchem.3c03821.