Adam Kabański

Lista Publikacji

1. Kabański A*, Ptak M., and Stefańska D.* (2023). Metal–Organic Framework Optical Thermometer Based on Cr3+ Ion Luminescence, ACS Applied Materials & Interfaces 15(5), 7074-7082

2. Kabański A.*, Ptak M, Carlos L.D., Stefańska D.* (2025). Real-Time Temperature Monitoring with Cr3+-Based Hybrid Formate Perovskites: Insights into the Relation Between Chemical Composition and Thermometric Performance, Advanced Optical Materials 13, e01057

3. Kabański A.*, Caputa K., Stefańska D.* (2025) High-sensitivity optical thermometry with Cr3+-doped hybrid formate perovskites: comparative analysis of ratiometric and lifetime-based approaches, Dalton Transactions 54, 15899–15908

4. Kabański A.*, Caputa K., Stefańska D.* (2025) Multimodal temperature sensing in hybrid perovskites doped with Cr3+: strategy for optimizing luminescence thermometers, Journal of Materials Chemistry C 2025 [oczekuje na publikację - praca zaakceptowana]

5. Ptak M.*, Kabański A., Dziuk B., Balciunas S., Usevicius G., Zeręba J., Banys J., Simenas M.*, Sieradzki A., Stefańska D. (2024) Mechanism of isosymmetric polar order–disorder phase transition in pyroelectric [CH3CH2NH3]2NaGa(HCOO)6 double perovskite, Journal of Materials Chemistry C 12(13), 4663-4675,