

Maja Szymczak

Lista publikacji

1. Szymczak, M., Wozny, P., Runowski, M., Pieprz, M., Lavín, V., Marciniak, L. (2023). Temperature invariant ratiometric luminescence manometer based on Cr³⁺ ions emission, Chemical Engineering Journal, 453, 139632.
2. Szymczak, M., Runowski, M., Lavín, V., Marciniak, L. (2023). Highly Pressure-Sensitive, Temperature Independent Luminescence Ratiometric Manometer Based on MgO:Cr³⁺ Nanoparticles, Laser & Photonics Reviews, 17(4), 2200801.
3. Szymczak, M., Runowski, M., Brik, M.G., Marciniak, L. (2023). Multimodal, super-sensitive luminescent manometer based on giant pressure-induced spectral shift of Cr³⁺ in the NIR range, Chemical Engineering Journal, 466, 143130.
4. Szymczak, M., Jaśkielewicz, J., Runowski, M., Xue, J., Mahlik, S., Marciniak, L. (2024). Highly-Sensitive, Tri-Modal Luminescent Manometer Utilizing Band-Shift, Ratiometric and Lifetime-Based Sensing Parameters, Advanced Functional Materials, 34(22), 2314068.
5. Szymczak, M., Mauri, A., Galli, S., Marciniak, L., Fandzloch, M. (2024). Highly sensitive, multiparametric thermal history phosphor based on an Eu(BTC) architecture, Advanced Functional Materials, 34(19), 2313045.