

Karolina Trejgis

Lista publikacji

1. Trejgis, K., Maciejewska, K., Bednarkiewicz, A., Marciniak, L. (2020). Near-infrared-to-near-infrared excited-state absorption in LaPO₄: Nd³⁺ nanoparticles for luminescent nanothermometry. *ACS Applied Nano Materials*, 3(5), 4818-4825.
2. Trejgis, K., Bednarkiewicz, A., Marciniak, L. (2020). Engineering excited state absorption based nanothermometry for temperature sensing and imaging. *Nanoscale*, 12(7), 4667-4675.
3. Marciniak, L., Trejgis, K. (2018). Luminescence lifetime thermometry with Mn³⁺–Mn⁴⁺ co-doped nanocrystals. *Journal of Materials Chemistry C*, 6(26), 7092-7100. DOI: 10.1039/c8tc01981.
4. Trejgis, K., Marciniak, L. (2018). The influence of manganese concentration on the sensitivity of bandshape and lifetime luminescent thermometers based on Y₃Al₅O₁₂: Mn³⁺, Mn⁴⁺, Nd³⁺ nanocrystals. *Physical Chemistry Chemical Physics*, 20(14), 9574-9581. DOI: 10.1039/c8cp00558c.
5. Bednarkiewicz, A., Trejgis, K., Drabik, J., Kowalczyk, A., Marciniak, L. (2017). Phosphor-assisted temperature sensing and imaging using resonant and nonresonant photoexcitation scheme. *ACS applied materials & interfaces*, 9(49), 43081-43089. DOI: 10.1021/acsami.7b13649