Jakub Zakrzewski

Lista publikacji

1. Wang, J., Zakrzewski, J. J., Heczko, M., Zychowicz, M., Nakagawa, K., Nakabayashi, K., Sieklucka, B., Chorazy, S.* & Ohkoshi, S.* (2020) Proton Conductive Luminescent Thermometer Based on Near-Infrared Emissive {YbCo2} Molecular Nanomagnets. Journal of the American Chemical Society, 142(8), 3970-3979. DOI: https://doi.org/10.1021/jacs.9b13147

2. Zakrzewski, J. J., Kumar, K., Zychowicz, M., Jankowski, R., Wyczesany, M., Sieklucka, B., Ohkoshi, S., & Chorazy, S.* (2021). Combined Experimental and Ab Initio Methods for Rationalization of Magneto-Luminescent Properties of YbIII Nanomagnets Embedded in Cyanido/Thiocyanidometallate-Based Crystals. The Journal of Physical Chemistry Letters, 12(43), 10558-10566. DOI: https://doi.org/10.1021/acs.jpclett.1c02942

3. Wang, J., Zakrzewski, J. J., Zychowicz, M., Xin, Y., Tokoro, H., Chorazy, S.,* & Ohkoshi, S.* (2023) Desolvation-Induced Highly Symmetrical Terbium(III) Single-Molecule Magnet Exhibiting Luminescent Self-Monitoring of Temperature. Angewandte Chemie International Edition, 62(35), e202306372. DOI: https://doi.org/10.1002/anie.202306372

4. Bonarek, P. J., Zychowicz, M., Rzepiela, J., Liberka, M., Baś, S., Zakrzewski, J. J.,* & Chorazy, S.* (2024). Design of DyIII single-molecule magnets with molecularly installed luminescent thermometers based on bridging [PtII(CN)2(C^N)]– complexes. Inorganic Chemistry Frontiers DOI: https://doi.org/10.1039/D4QI02373K

5. Zakrzewski, J. J., Liberka, M., Wang, J., Chorazy, S.,* & Ohkoshi, S.* (2024). Optical Phenomena in Molecule-Based Magnetic Materials. Chemical Reviews, 124(9), 5930-6050. DOI: https://doi.org/10.1021/acs.chemrev.3c00840