

Yizhi Xu

Lista Publikacji

1. Leonel, G. J., Lenox, C. B., Xu, Y., Arhangelskis, M., Friščić, T., Navrotsky, A. (2023). Experimental and Theoretical Evaluation of the Thermodynamics of the Carbonation Reaction of ZIF-8 and Its Close-Packed Polymorph with Carbon Dioxide., *The Journal of Physical Chemistry C* 127 (39), 19520–19526. DOI: 10.1021/acs.jpcc.3c04135.
2. Xu, Y., Chodkiewicz, M. L., Woińska, M., Trzybiński, D., Brekalo, I., Topić, F.; Woźniak, K., Arhangelskis, M. (2023). Hirshfeld Atom Refinement of Metal–Organic Frameworks for Accurate Positioning of Hydrogen Atoms and Disorder Analysis, *Chemical Communications* 59 (57), 8799–8802. DOI: 10.1039/D3CC01369C.
3. Xu, Y., Marrett, J. M., Titi, H. M., Darby, J. P., Morris, A. J., Friščić, T., Arhangelskis, M. (2023). Experimentally Validated Ab Initio Crystal Structure Prediction of Novel Metal–Organic Framework Materials, *Journal of the American Chemical Society* 145 (6), 3515–3525. DOI: 10.1021/jacs.2c12095.
4. Parakatawella, S., Gogoi, D., Deka, P., Xu, Y., Sandaruwan, C., Jayasundera, A. C. A., Arhangelskis, M., Thakuria, R., Adassooriya, N. M. Mechanochemical Synthesis of Polymorphic Urea · Adipic Acid Cocrystal as a Sustained-Release Nitrogen Source. (2022). *ChemSusChem*, 15 (3), e202102445. DOI: 10.1002/cssc.202102445.