

Jan Alfuth

Lista Publikacji

1. Alfuth, J., Kazimierczuk, K., Połośki, T., & Olszewska, T. (2023). Self-assembly of secondary aryl amides in cocrystals with perfluoroaryl cofomers: structural analysis and synthon preferences. *CrystEngComm*, 25(9), 1403-1410.
2. Alfuth, J., Kazimierczuk, K., Połośki, T., Olszewska, T. (2023). Intermolecular Hydrogen Bonding Directed by Aryl–Perfluoroaryl π – π Stacking Interactions, *Cryst. Growth Des.* 23(9), s. 6830–6839. DOI: 10.1021/acs.cgd.3c00676
3. Alfuth, J., Jeannin, O., Fourmigué, M. (2022). Topochemical, Single-Crystal-to-Single-Crystal [2+2] Photocycloadditions Driven by Chalcogen-Bonding Interactions, *Angew. Chem. Int. Ed.* 61(36), e202206249. DOI: 10.1002/anie.202206249
4. Alfuth, J., Chojnacki, J., Połośki, T., Herman, A., Milewska, M. J., Olszewska, T. (2022). Interplay between Aryl...Perfluoroaryl and Hydrogen Bonding Interactions in Cocrystals of Pentafluorophenol with Molecules of Trigonal Symmetry, *Cryst. Growth Des.* 22(5), s. 3493–3504. DOI: 10.1021/acs.cgd.2c00276
5. Alfuth, J., Zadykowicz, B., Wicher, B., Kazimierczuk, K., Połośki, T., Olszewska, T. (2022). Cooperativity of Halogen- and Chalcogen-Bonding Interactions in the Self-Assembly of 4-Iodoethynyl- and 4,7-Bis(iodoethynyl)benzo-2,1,3-chalcogenadiazoles: Crystal Structures, Hirshfeld Surface Analyses, and Crystal Lattice Energy Calculations, *Cryst. Growth Des.* 22(2), s. 1299–1311. DOI: 10.1021/acs.cgd.1c01266