

**Mateusz Brela**  
**Lista wybranych publikacji**  
z dnia 31 października 2016

**Publikacje w czasopismach**

1. Brela M., Michalak A., Power P. P., Ziegler T., 2014, ***Analysis of the Bonding between Two  $M(\mu\text{-NAr}^\#)$  Monomers in the Dimeric Metal(II) Imido Complexes  $\{M(\mu\text{-NAr}^\#)\}_2$  [ $M = \text{Si, Ge, Sn, Pb}$ ;  $\text{Ar}^\# = \text{C}_6\text{H}_3\text{-2,6-(C}_6\text{H}_2\text{-2,4,6-R}_3)_2$ ]. The Stabilizing Role Played by  $R = \text{Me}$  and  $i\text{Pr}$*** ; *Inorganic Chemistry*, 53: s. 2325–2332.
2. Henkensmeier D., Cho H., Brela M., Michalak A., Dyck A., Germer W., Duong N. M. H., Jang J. H., Kim H.-J., Woo N.-S., Lim T.-H., 2014, ***Anion conducting polymers based on ether linked polybenzimidazole (PBI-OO)***; *International Journal of Hydrogen Energy*, 39: s. 2842–2853.
3. Henkensmeier D., Duong N. M. H., Brela M., Dyduch K., Michalak A., Jankova K., Cho H., Jang J. H., Kim H. J., Cleemann L. N., Li Q., Jensen J. O., 2015, ***Tetrazole substituted polymers for High Temperature Polymer Electrolyte Fuel Cells***; *Journal of Materials Chemistry A*, 3: s. 14389-14400.
4. Brela M. Z., Wójcik M. J., Boczar M., Witek Ł., Yasuda M., Ozaki Y., 2015, ***Car–Parrinello Molecular Dynamics Simulations of Infrared Spectra of Crystalline Vitamin C with Analysis of Double Minimum Proton Potentials for Medium-Strong Hydrogen Bonds***; *J. Phys. Chem. B*, 119: s. 7922-7930.
5. Brela M. Z., Wójcik M. J., Witek Ł. J., Boczar M., Wrona E., Hashim R., Ozaki Y., 2016, ***Born–Oppenheimer Molecular Dynamics Study on Proton Dynamics of Strong Hydrogen Bonds in Aspirin Crystals, with Emphasis on Differences between Two Crystal Forms*** *J. Phys. Chem. B*, 120: s. 3854-3862.