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Lista publikacji z dnia 30 października 2010

Książki i monografie

1. Srebro M., Michalak A., *Computational Modeling of Polymerization Catalysts*, [w:] *Handbook of Transition Metal Polymerization Catalysts*, Hoff R., Mathers R. T., John Wiley & Sons, New Jersey, 2010: 53-102

Publikacje w czasopismach

1. Srebro M., Piękoś Ł., Kim T. J., Cheong M., Ok M. A., Kang S. O., Michalak A., 2010, *On Conformational Flexibility of Half-Titanocene Catalysts with Aryloxy Ligands for High-Temperature Olefin Polymerization Processes: Static and Dynamic Theoretical Studies*, *Organometallics* 29: 5341-5352
2. Srebro M., Piękoś Ł., Kim T. J., Cheong M., Ok M. A., Kang S. O., Michalak A., 2010, *On Preference of Insertion Mechanism in the Ethylene Polymerization Catalyzed by Half-Titanocene Complexes with Aryloxy Ligands: Static and Dynamic Theoretical Studies*, *Macromolecular Research* 18: 960-966
3. Kim T. J., Kim S. K., Kim B. J., Son H. J., Hahn J. S., Cheong M., Mitoraj M., Srebro M., Piękoś Ł., Michalak A., Kang S. O., 2010, *Sterically Less-Hindered Half-Titanocene(IV) Phenoxides: Ancillary-Ligand Effect on Mono-, Bis-, and Tris(2-Alkyl/arylphenoxy) Titanium(IV) Chloride Complexes*, *Chemistry – A European Journal* 16: 5630-5644
4. Kim T. J., Kim S. K., Kim B. J., Hahn J. S., Ok M. A., Song J. H., Shin D. H., Ko J., Cheong M., Kim J., Won H., Mitoraj M., Srebro M., Michalak A., Kang S. O., 2009, *Half-Metallocene Titanium(IV) Phenyl Phenoxide for High Temperature Olefin Polymerization: Ortho-Substituent Effect At Ancillary o-Phenoxy Ligand for Enhanced Catalytic Performance*, *Macromolecules* 42: 6932-6943
5. Radoń M., Srebro M., Broclawik E., 2009, *Conformational Stability and Spin States of Cobalt(II) Acetylacetonate: CASPT2 and DFT Study*, *Journal of Chemical Theory and Computation* 5: 1237-1244
6. Srebro M., Michalak A., 2009, *Theoretical Analysis of Bonding in N-Heterocyclic Carbene–Rhodium Complexes*, *Inorganic Chemistry* 48: 5361-5369
7. Srebro M., Mitoraj M., 2009, *The Role of Ancillary Ligands in a Description of the Copper(I) – Bis(trimethylsilyl)acetylene Bonding. A Theoretical Study*, *Organometallics* 28: 3650-3655
8. Srebro M., Mitoraj M., Michalak A., 2009, *Binding of Polar Monomers in the Complexes with Organometallic Ethylene Polymerization Catalysts: Natural Orbitals for Chemical Valence and Energy Decomposition Analysis*, *Canadian Journal of Chemistry* 87: 1039-1054
9. Jagoda-Cwiklik B., Vácha R., Lund M., Srebro M., Jungwirth P., 2007, *Ion Pairing as a Possible Clue for Discriminating between Sodium and Potassium in Biological and Other Complex Environments*, *Journal of Physical Chemistry B* 111: 14077-14079