

# Katarzyna N. Jarzemska

## Lista publikacji

z dnia 31 października 2012

### Publikacje w czasopismach

1. Jarzemska K.N., Goral A.M., Gajda R., Dominiak P.M., 2012, ***Hoogsteen-Watson-Crick 9-methyladenine:1-methylthymine complex: charge density study in the context of crystal engineering and nucleic acid base pairing***, *Crystal Growth&Design* – w druku
2. Durka K., Jarzemska K.N., Kamiński R., Luliński S., Serwatowski J., Woźniak K., 2012, ***Structural and energetic landscape of fluorinated 1,4-phenyldiboronic acids***, *Crystal Growth&Design* 12: 3720-3734
3. Hoser A., Jarzemska K.N., Dobrzycki Ł., Guttman M., Woźniak K., 2012, ***On the Differences in Charge Density Distributions and Stability of Two Polymorphs of Benzidine Dihydrochloride***, *Crystal Growth&Design* 12: 2336-2345
4. Jarzemska K.N., Kamiński D., Hoser A., Malińska M., Senczyna B., Woźniak K., Gagoś M., 2012, ***Controlled Crystallisation, Structure and Molecular Properties of Iodoacetylamphtericin B***, *Crystal Growth&Design* 12: 2336-2345
5. Jarzemska K.N., Kubsik M., Kamiński R., Woźniak K., Dominiak P.M., 2012, ***From a single molecule to molecular crystal architectures - structural and energetic studies of selected uracil derivatives***, *Crystal Growth&Design* 12: 2508-2524
6. Jarzemska K.N. and Dominiak P.M., 2012, ***New version of the Theoretical Databank of Transferable Aspherical Pseudoatoms UBDB- towards nucleic acid modelling***, *Acta Crystallographica* A68: 139-147
7. Czyżnikowska Ż., Zaleśny R., Lipkowski P., Góra R.W., Jarzemska K.N., Dominiak P.M., Leszczyński J., 2010, ***Structural variability and the nature of intermolecular interactions in Watson-Crick B-DNA base pairs***, *Journal of Physical Chemistry B* 114: 9629-9644
8. Szadkowska A., Gstrein X., Burtscher D., Jarzemska K., Woźniak K., Slugovc Ch., Grela K., 2010, ***Latent Thermo-Switchable Olefin Metathesis Initiators Bearing a Pyridyl-Functionalized Chelating Carbene: Influence of the Leaving Group's Rigidity on the Catalyst's Performance***, *Organometallics* 29: 117-124
9. Jarzemska K., Seal S., Woźniak K., Szadkowska A., Bieniek M., Grela K., 2009, ***XPS and Reactivity Studies of a Series of Ruthenium Catalysts***, *ChemCatChem* 1: 144-151
10. Dominiak P.M., Volkov A., Dominiak A.P., Jarzemska K.N., Coppens P., 2009, ***Combining crystallographic information and an aspherical-atom databank in the evaluation of the electrostatic interaction-energy in an enzyme-substrate complex: Influenza Neuraminidase inhibition***, *Acta Crystallographica* D65: 485-499 (IUCr Highlight)
11. Barbasiewicz M., Szadkowska A., Makal A., Jarzemska K., Woźniak K., Grela K., 2008, ***Is the Hoveyda-Grubbs Complex a Vinylogous Fischer-Type Carbene? Aromaticity-Controlled Activity of Ruthenium Metathesis Catalysts***, *Chemistry- a European Journal* 14: 9330-9337
12. Bieniek M., Bujok R., Stepowska H., Jacobi A., Hagenkötter R., Arlt D., Jarzemska K., Woźniak K., Grela K., 2006, ***New Air-Stable Ruthenium Olefin Metathesis Precatalysts Derived from Bisphenol S***, *Journal of Organometallic Chemistry* 691: 5289-5297 (invited paper to a special issue entitled "Transition Metal Mediated Metathesis)

## Prace pokonferencyjne i doniesienia zjazdowe

1. Jarzemska K.N., Kamiński R., Woźniak K., Dominiak P.M., 2012, ***Interrelations between crystal architecture, charge density and energy of uracil derivatives***, *Supplement of Acta Crystallographica A68*
2. Kamiński R., Gajda R., Jarzemska K.N., Woźniak K., 2012, ***Physicochemical properties of hybrid organic-inorganic complexes via the charge density studies***, *Supplement of Acta Crystallographica A68*
3. Goral A., Jarzemska K.N., Dominiak P., 2012, ***Electrostatic interactions and sequence recognition by Zinc Fingers***, *Supplement of Acta Crystallographica A68*
4. Durka K., Jarzemska K.N., Kamiński R., Luliński S., Serwatowski J., Woźniak K., 2012, ***Structural and energetic landscape of diboronic acids***, *Supplement of Acta Crystallographica A68*
5. Goral A.M., Malińska M., Jarzemska K.N., Kutner A., Dominiak P.M., Woźniak K., 2012, ***The interplay between sunitinib malate crystal packing, charge density distribution, and protein-ligand interactions in the sunitinib-containing biological systems***, *Acta Biochimica Polonica Supplement 2*, ISSN 1734-154X
6. Jarzemska K.N. and Dominiak P.M., 2011, ***New version of UBDB databank and LSDB program, verification and applications***, *Acta Crystallographica A67*: C510-C511
7. Jarzemska K.N., Kamiński R., Ślepokura K., Woźniak K., 2011, ***Multi-temperature charge density studies of uridine 5'-monophosphate potassium salt K(UMP)***, materiały zjazdowe 53. Konwersatorium Krystalograficznego we Wrocławiu
8. Jarzemska K.N. and Dominiak P.M., 2010, ***Estimation of intermolecular interactions of the nucleic acid bases***, *Acta Crystallographica A66*: s207-s208