

## Em. Prof. dr hab. Zofia Dega-Szafran

### Publikacje 2004

#### 1.a. Publikacje w czasopismach wyróżnionych z listy Filadelfijskiego Instytutu Informacji Naukowej

1. „Crystal and molecular structure of 1-piperidiniumacetic acid chloride studied by X-ray, B3LYP and PM3 calculations”  
Z.Dega-Szafran, G.Dutkiewicz, Z.Kosturkiewicz, M.Petryna, M.Szafran  
J. Mol. Struct. 690, 2004, p.1-7
2. „Crystal and molecular structure of bis(N-methylpiperidine betaine) hydroiodide”  
Z.Dega-Szafran, M.Szafran, E.Dulewicz, A.Addlagatta, M.Jaskólski  
J. Mol. Struct. 691, 2004, p.217-225
3. „Crystal and molecular structure of N-methylpiperidine betaine hydrofluoride”  
M.Szafran, Z.Dega-Szafran, R.Thaimattam, M.Jaskólski  
J. Mol. Struct. 706, 2004, p.49-55
4. „Crystal and molecular structure of the 2:1 complex of 1-piperidineacetic acid with perchloric acid”  
Z.Dega-Szafran, M.Petryna, M.Szafran, E.Tykarcka  
J. Mol. Struct. 688, 2004, p.121-128
5. „Crystal and molecular structure, hydrogen bonding and electrostatic interactions of bis(trigonelline) hydrogen perchlorate monohydrate”  
M.Szafran, A.Katrusiak, J.Koput, Z.Dega-Szafran  
J. Mol. Struct. 704, 2004, p.45-52
6. „Molecular structure of the unusual complex of 1-piperidineacetic acid with 2,4,6-trinitrophenol studied by X-ray, FTIR and <sup>1</sup>H, <sup>13</sup>C and <sup>13</sup>C CP MAS NMR”  
Z.Dega-Szafran, G.Dutkiewicz, Z.Kosturkiewicz, M.Petryna  
J. Mol. Struct. 708, 2004, p.15-21
7. „Spectroscopic and structural properties of some N-(2-hydroxyethyl)-morpholine derivatives”  
Z.Dega-Szafran, M.Szafran, A.Katrusiak  
J. Mol. Struct. 704, 2004, p.129-137
8. „Spectroscopic studies of N-methylpiperidine betaine complexes with phenols”  
Z.Dega-Szafran, E.Dulewicz, M.Szafran  
J. Mol. Struct. 704, 2004, p.155-161
9. „Two non-equivalent complexes of 1-piperidineacetic acid with 2,4-dinitrophenol studied by X-ray diffraction, PM3 and SAM1 methods and FTIR”  
Z.Dega-Szafran, G.Dutkiewicz, Z.Kosturkiewicz, M.Petryna  
J. Mol. Struct. 697, 2004, p.151-159
10. „X-Ray, MP2 and DFT studies of the structure and vibrational spectra of homarinium chloride”  
M.Szafran, J.Koput, Z.Dega-Szafran, A.Katrusiak  
J. Mol. Struct. 700, 2004, p.109-125
11. „Antimicrobial Activity of N-Alkoxy carbonylmethyl-N-alkyl-piperidinium Chlorides”  
E.Woźniak, A.Morzymas, A.Czarny, M.Kocięba, B.Różycka-Roszak, Z.Dega-Szafran, E.Dulewicz, M.Petryna  
Z. Naturforsch. C 59c, 2004, p.782-786

#### 1.c. Publikacje w recenzowanych wydawnictwach zbiorowych

1. „4-Hydroxy-1-methyl-piperidine betaine hydrochloride, structure, conformations, spectroscopic properties” w "Annals of the Pol.Chem.Soc."  
Z.Dega-Szafran, E.Dulewicz, G.Dutkiewicz, Z.Kosturkiewicz, M.Szafran  
PTCh Warszawa 3, 2004, p.427-430
2. „Effects of counter ion and stoichiometry on the structure, hydrogen bonding and conformation of N-methylpiperidine betaine hydrohalides” w "Annals of the Pol.Chem.Soc."  
Z.Dega-Szafran, M.Szafran, M.Jaskólski, E.Dulewicz  
PTCh Warszawa 3, 2004, p.399-402
3. „Rotation barriers of isostructural N-methylpiperidine betaine hydrochloride and (1-methylcyclohexyl)acetic acid analyzed by B3LYP calculations” w "Annals of the Pol.Chem.Soc."  
M.Szafran, Z.Dega-Szafran, J.Koput  
PTCh Warszawa 3, 2004, p.395-398

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4. „Structure of the adducts of 1-piperidineacetic acid with mono-, di-, and tri-nitro-phenols" w "Annals of the Pol.Chem.Soc."

Z.Kosturkiewicz, Z.Dega-Szafran, G.Dutkiewicz, M.Petryna  
PTCh Warszawa 3, 2004, p.313-316

*Prace magisterskie ukończone w 2004 roku*

*Brak w bazie danych o pracach magisterskich*