

## Łukasz Jaremko

### Lista publikacji

z dnia 30 października 2010

#### Publikacje w czasopismach

1. Nowakowski M., Jaremko L., Jaremko M., Zhukov I., Belczyk A., Bierzynski A., Ejchart A., 2011, ***Solution NMR structure and dynamics of human apo-S100A1 protein***, *J. Struct. Biol.* 174: 391-399
2. Jaremko L., Jaremko M., Elfaki I., Mueller J. W., Ejchart A., Bayer P., Zhukov I., 2011, ***Structure and dynamics of the first archaeal parvulin reveal a new functionally important loop in parvulin-type prolyl isomerases***, *J. Biol. Chem.* 286: 6554-6565
3. Kapczynska K., Stefanowicz P., Jaremko L., Jaremko M., Kluczyk A., Szewczuk Z., 2011, ***The efficient synthesis of isotopically labeled peptide – derived Amadori products and their characterization***, *Amino Acids* 40: 923-932
4. Lisowski M., Jaremko L., Jaremko M., Mazur A., Latajka R., Makowski M., 2010, ***Effect of the ΔPhe residue configuration on a didehydropeptide conformation: a combined CD and NMR study***, *Biopolymers.* 93: 1055-1064
5. Ilc G., Giachin G., Jaremko M., Jaremko L., Benetti F., Plavec J., Zhukov I., Legname, G., 2010, ***NMR structure of the human prion protein with the pathological Q212P mutation reveals unique structural features***, *PLoS ONE.* 5: e11715
6. Stefanowicz P., Petry-Podgorska I., Kowalewska K., Jaremko L., Jaremko M., Szewczuk Z., 2010, ***Electrospray mass spectrometry as a method for studying the high pressure denaturation of proteins***, *Biosci. Rep.* 30: 91-99
7. Stefanowicz P., Kapczynska K., Jaremko M., Jaremko L., Szewczuk Z., 2009, ***A mechanistic study on the fragmentation of peptide-derived Amadori products***, *J. Mass Spectrom.* 44: 1500-1508
8. Brasun J., Cebrat M., Jaremko M., Jaremko L., Gladysz O., Zhukov I., 2009, ***Histidine analogues of oxytocin and vasopressin as efficient ligands for Zn(II) ions -potentiometric and NMR studies***, *J. Inorg. Biochem.* 103: 1033-1038
9. Jaremko L., Kirillov A. M., Smoleński P., Pombeiro A. J. L., 2009, ***Engineering coordination and supramolecular copper-organic networks by aqueous medium self-assembly with 1,3,5-triaza-7-phosphaadamantane (PTA)***, *Cryst. Growth. Des.* 7: 3006-3010
10. Brasun J., Cebrat M., Jaremko L., Jaremko M., Ilc G., Gladysz O., Zhukov I., 2009, ***The structural effects of the Cys-S-S-Cys bridge exchange by the His-Cu(II)-His motif studied on natural peptides – a promising tool for natural compounds-based design***, *Dalton Trans.:* 4853-4857
11. Jaremko L., Jaremko M., Pasikowski P., Cebrat M., Stefanowicz P., Lisowski M., Artym J., Zimecki M., Zhukov I., Szewczuk Z., 2009, ***The immunosuppressive activity and solution structures of ubiquitin fragments***, *Biopolymers.* 91: 423-431
12. Jaremko L., Kirillov A. M., Smoleński P., Lis T., Guedes da Silva M. F., Pombeiro A. J. L., 2009, ***Synthesis, characterization and molecular structures of the hybrid organic-inorganic salts of N-alkyl-1,3,5-triaza-7-phosphaadamantane (alkyl = methyl, ethyl) and tetra(isothiocyanato)cobalt(II)***, *Inorg. Chim. Acta,* 362: 1645-1649
13. Jaremko L., Kirillov A. M., Smoleński P., Lis T., Pombeiro A. J. L., 2008, ***Extending the coordination chemistry of 1,3,5-triaza-7-phosphaadamantane (PTA) to cobalt centers: first examples of Co-PTA complexes and of a metal complex with the PTA oxide ligand***, *Inorg. Chem.,* 47: 2922-2924
14. Stefanowicz P., Jaremko M., Jaremko L., Lis T., 2007, ***Oxacyclohexane-2,6-dione (glutaric anhydride)***, *Acta Cryst.* E63: o3431
15. Stefanowicz P., Jaremko M., Jaremko L., Kochel A., 2007, ***(3S)-Benzyl N-(1-hydroxy-2,5-dioxo-pyrrolidin-3-***

- yl)carbamate: two-dimensional sheets built from O---H...O, N---H...O, C=O...C=O and C---H...O interactions linked into a three-dimensional complex framework via C---H... $\pi$ (arene) interactions, Acta Cryst. C63: o204-o206*
16. Stefanowicz P., Jaremko L., Jaremko M., Lis T., 2007, **2,5-Dioxopyrrolidin-1-yl methanesulfonate**, *Acta Cryst. E63: o1336-o1338*
  17. Stefanowicz P., Jaremko L., Jaremko M., Staszewska A., Szewczuk Z., Bryndal I., Lis T., 2006, **(2S)-3-(4-Amino-3-nitrophenyl)-2-(9H-fluoren-9-ylmethoxycarbonylamino) propanoic acid dichloromethane disolvate**, *Acta Cryst. E62: o3555-o3557*
  18. Jaremko L., Jaremko M., Filipek R., Wojciechowski M., Szczepanowski R. H., Bochtler M., Zhukov I., 2006, **NMR assignment of a structurally uncharacterised fragment of recombinant mouse ubiquitin-activating enzyme**, *J. Biomol. NMR. 36: 43*
  19. Bryndal I., Jaremko M., Jaremko L., Lis T., 2006, **Comparison of the methyl ester of L-tyrosine hydrochloride and its methanol monosolvate**, *Acta Cryst. C62: o1111-o1114*
  20. Stefanowicz P., Jaremko L., Jaremko M., Lis T., 2006, **Crystal-state studies on p-toluenesulfonates of N-oxymides – a possible structural basis of serine proteases inhibition**, *New J. Chem. 30: 258-265*
  21. Stefanowicz P., Jaremko L., Jaremko M., Lis T., 2005, **1-[(2-Naphthylsulfonyl)oxy]pyrrolidine-2,5-dione**, *Acta Cryst. E61: o1326-o1328*