

## Spis Publikacji

- 1. A. Temeriusz, M. Rowińska, K. Paradowska, I. Wawer**  
„*Synthesis and solid state  $^{13}\text{C}$  and  $^1\text{H}$  NMR analysis of new oxamide derivatives of methyl 2-amino-2-deoxy- $\alpha$ -D-glucopyranoside and ester of amino acids or dipeptides*”  
Carbohydrates Research, Vol. 338, Issue: 2, (2003), pp. 183–188, **IF (1.703)**
- 2. T. Żolek, K. Paradowska, D. Krajewska, A. Różański, I. Wawer**  
“ *$^1\text{H}$ ,  $^{13}\text{C}$  MAS NMR and GIAO-RHF calculations of chloramphenicol, thiamphenicol and their pyrrole analogues*”  
Journal Molecular Structure, Vol. 646, Issue:1-3, (2003), pp. 141–149, **IF (1.594)**
- 3. T. Żolek, K. Paradowska, I. Wawer**  
“ *$^{13}\text{C}$  CP MAS NMR and GIAO-CHF calculations of coumarins*”  
Solid State Nuclear Magnetic Resonance, Vol. 23, Issue:1-2, (2003), pp. 77–87 **IF (1.804)**
- 4. A. Temeriusz, R. Anulewicz-Ostrowska, K. Paradowska, I. Wawer**  
„*Crystal structure and solid state  $^{13}\text{C}$  NMR of methyl- $\alpha$ -D-mannofuranoside*”  
Journal of Carbohydrate Chemistry, Vol. 22, Issue:788, (2003), pp. 593–601 **IF (1.114)**
- 5. St. Witkowski, K. Paradowska, I. Wawer**  
„ *$^{13}\text{C}$  CP MAS NMR studies of witamin E model compounds*”  
Magnetic Resonance in Chemistry, Vol. 24, (2004), pp. 863–869 **IF (1.434)**
- 6. A. Temeriusz, T. Gubica, P. Rogowska, K. Paradowska, M. Cyrański**  
„*Crystal structure and solid state  $^{13}\text{C}$  NMR analysis of nitrophenyl 2,3,4,6-tetra-O-acetyl- $\beta$ -D-gluco and D-galactopyranosides*”  
Carbohydrate Research, Vol. 304, (2005), pp. 1175–1184 **IF (1.960)**
- 7. I. Wawer, M. Pisklak, K. Paradowska**  
„*NMR ciała stałego-zastosowanie w farmacji i diagnostyce medycznej*”=  
„*Pharmaceutical and medical applications of solid state MAS NMR*”  
Wiadomości Chemiczne, Vol. 59, Issue: 1-2, (2005), pp. 121–137
- 8. J. W. Morzycki, K. Paradowska, K. Dąbrowska-Balcerzak, J. Jastrzębska, L. Siergiejski, I. Wawer**  
„ *$^{13}\text{C}$  NMR study of spirostanes and furostanes In solution and solid state*”  
Journal Molecular Structure, Vol. 744, Issue: 747, (2005), pp. 447–455 **IF (1.594)**
- 9. A. Temeriusz, T. Gubica, P. Rogowska, K. Paradowska, M. Cyrański**  
„*Crystal structure and solid state  $^{13}\text{C}$  NMR analysis of N-p-nitrophenyl- $\alpha$ -D-ribosepyranosylamine, N-p-nitrophenyl- $\alpha$ -D-xylopyranosylamine, solid-state  $^{13}\text{C}$  NMR analysis of N-p-nitrophenyl-2,3,4-tri-O-acetyl- $\beta$ -D-lyxopyranosylamine and N-p-nitrophenyl-2,3,4-tri-O-acetyl- $\alpha$ -L-arabinopyranosylamine*”  
Carbohydrate Research, Vol. 340, (2005), pp. 2645–2653, **IF (1.960)**
- 10. I. Wawer, M. Wolniak, K. Paradowska**  
„*Solid state NMR study of dietary fiber powderes from aronia, bilberry, black currant and apple*”

- Solid State Nuclear Magnetic Resonance, Vol. 30, (2006), pp. 106-113 **IF (1.804)**
11. **A. Temeriusz, T. Gubica, P. Rogowska, K. Paradowska and M. K. Cyrański**  
„Crystal structure and solid-state  $^{13}\text{C}$  NMR analysis of *N*-*o*-, *N*-*m*- and *N*-*p*-nitrophenyl-2,3,4,6-tetra-*O*-acetyl- $\beta$ -*D*-glucopyranosylamines, and their *N*-acetyl derivatives”  
Carbohydrate Research, Vol. 341, (2006), pp. 2581-2590 **IF (1.960)**
12. **A. Zielińska, K. Paradowska, J. Jakowski, I. Wawer**  
„ $^{13}\text{C}$  CP MAS NMR and GIAO-CHF/DFT calculations of flavonoids: Morin, Kaempferol, tricin, genistein, formononetin and 3,7-dihydroxyflavone”  
Journal of Molecular Structure, 873, (2008), pp. 109-116 **IF (1.594)**
13. **K. Paradowska, M. Wolniak, Z. Fijalek, I. Wawer**  
„Identification and analysis of drugs In the solid state by  $^{13}\text{C}$  CPMAS NMR: suxamethonium chloride and hydrocortisonum (corhydron)”  
Acta Poloniae Pharmaceutica-Drug Research zeszyt Nr 3/2008
14. **A. Ahmedova, P. Marinova, K. Paradowska, M. Marinov, M. Mittewa**  
“Synthesis and characterization of copper (II) and nickel (II) complexes of (9'-fluorene)-spiro-5-dithiohydantoin”  
Journal of Molecular Structure, 892 (2008), pp. 13-19 **IF (1.594)**
15. **K. Paradowska, T. Gubica, A. Temeriusz, M. Cyranki, I. Wawer**  
„ $^{13}\text{C}$  CPMAS NMR and crystal structure of methyl glucopyranosides”  
Carbohydrate Research 343, (2008), pp. 2299-2307, **IF (1.960)**
16. **K. Paradowska, M. Wolniak, M. Pisklak, J.A. Gliński, M.H. Davey, I. Wawer**  
„ $^{13}\text{C}$ ,  $^{15}\text{N}$  CPMAS NMR and GIAO DFT calculations of stereoisomeric oxindole alkaloids from Cat's Claw (*Uncaria Tomentosa*)”  
Solid State Nuclear Magnetic Resonance 34 (2008), pp. 202-209, **IF (1.804)**
17. **T. Gubica, A. Temeriusz, K. Paradowska, A. Ostrowski, P. Klimentowska, M.K. Cyrański**  
„Single-crystal and powder X-ray diffraction and solid-state  $^{13}\text{C}$  NMR of *p*-nitrophenyl glucopyrasides, the derivatives of *D*-galactose, *D*-glucose and *D*-mannose”  
Carbohydrate Research 344 (2009), pp. 1734-1744, **IF (1.960)**
18. **A. Ahmedova, P. Marinova, K. Paradowska, M. Marinov, I. Wawer, M. Mittewa**  
“Structure of 2,4-dithiohydantoin complexes with copper and nickel: Solid-state NMR as verification method”,  
Polyhedron, Vol. , (2010), pp. 1639-1645, **IF (2.207)**
19. **A. Ahmedova, P. Marinova, K. Paradowska, N. Stoyanov, I. Wawer, M. Mitewa**  
“Spectroscopic aspects of the coordination modes of 2,4-dithiohydantoins: Experimental and theoretical study on copper and nickel complexes of cyclohexanespiro-5-(2,4-dithiohydantoin)”  
Inorganica Chimica Acta 363 (2010), pp. 3919-3925, **IF (2.322)**
20. **T. Gubica, D.K. Stępień, A. Temeriusz, K. Paradowska, E. Glowacka, M.K. Cyrański, A. Ostrowski**

„Solid-state structure of *N*-*o*-, *N*-*m*-, and *N*-*p*-nitrophenyl-2,3,4-tri-*O*-acetyl- $\beta$ -*D*-xylopyranosylamines”

Carbohydrate Research 346 (2011), pp. 2491-2498, **IF (2.332)**

21. **N. Wszelaki, K. Paradowska, M.K. Jamróz, S. Granica and A.K. Kiss**

„Bioactivity-guided fractionation for the Butyrylcholinesterase inhibitory activity of furanocoumarins from *Angelica archangelica* L. roots and fruits.”

Journal of Agricultural and Food Chemistry 59 (2011), pp. 9186-9193, **IF (2.823)**

23. **T. Gubica, D.K. Stępień, A. Ostrowski, D. M. Pisklak, A. Temeriusz, E. Głowacka, K. Paradowska, M.K. Cyrański**

”Crystal and molecular structure of nitrophenyl 2,3,4-tri-*O*-acetyl- $\beta$ -*D*-xylopiranosides”

Journal of Molecular Structure 1007 (2011), pp. 227-234, **IF (1.611)**

24. **A. Ahmedova, K. Paradowska, I. Wawer**

„<sup>1</sup>H, <sup>13</sup>C MAS NMR and DFT GIAO study of quercetin and its complex with Al(III) in solid state”

Journal of Inorganic Biochemistry 110 (2012), pp. 27-35, **IF (3.386)**

25. **K. Paradowska, M.K. Jamróz, M. Kobyłka, E. Gowin, P. Mączka, R. Skibiński, Ł. Komsta**

„Detection of drug active ingredients by chemometric processing of solid-state NMR spectroscopy data-the case of acetaminophen”

Journal of AOAC International 95 (2012), pp. 1-4, **IF=1.22**

26. **A. Berłowski, K. Zawada, I. Wawer, K. Paradowska**

“Antioxidant Properties of Medicinal Plants from Peru”, *Food and Nutrition Sciences*, 4, (2013), pp. 71-77, **IF=0,24**

27. **M. K Jamróz, K. Paradowska, K. Zawada, K. Makarova, S. Kaźmierski, and I. Wawer**

“<sup>1</sup>H and <sup>13</sup>C NMR-based sugar profiling with chemometric analysis and antioxidant activity of herbhoneys and honeys.” *J. Sci. Food Agric.*;94(2), (2014), pp. 246-55,

**IF=1,759**

28. **K. Paradowska, I. Wawer-review**

“Solid-state NMR in the analysis of drugs and naturally occurring materials” *J Pharm Biomed Anal.* 93, (2014), pp. 93:27-42, **IF=2,45**

29. **P. Koziulewicz, K. Paradowska, S. Erić, I. Wawer, M. Zloh**

"Insights into mechanism of anticancer activity of pentacyclic oxindole alkaloids of *Uncaria tomentosa* by means of a computational reverse virtual screening and molecular docking approach" *Monatshefte für Chemie - Chemical Monthly*, 145(7), (2014), pp 1201-1211, **IF=1.347**

30. **B. Krochmal-Marczak, B. Sawicka, J. Supski, T. Cebulak, K. Paradowska**

"Nutrition value of the sweet potato (*Ipomoea batatas* (L.) Lam) cultivated in south – eastern Polish conditions", *International Journal of Agronomy and Agricultural Research (IJAAR)*

4(4), (2014), pp. 169-178, IF= 1.759.

**31. D. K. Stępień, M. K. Cyrański, Ł. Dobrzycki, P. Walejko, A. Baj, S. Witkowski, K. Paradowska, I. Wawer**

"The effect of rotating substituent in 2,2,5,7,8-pentamethylchroman derivatives. X-ray,  $^{13}\text{C}$  CP MAS analysis and DFT analysis", *Journal of Molecular Structure* 1076 (2014), pp. 512–517, IF=1.599.

**32. Walejko P., Paradowska K., Bukowicki J., Witkowski St., Wawer I.**

"Phenyl galactopyranosides –  $^{13}\text{C}$  CPMAS NMR and conformational analysis using genetic algorithm", *Chemical Physics* 457 (2015), pp. 43–50, IF=1,652

**33. Skrzypczak A., Przystupa N., Zgadzaj A., Parzonko A., K. Sykłowska-Baranek, Paradowska K., Nałęcz-Jawecki G.**

„Antigenotoxic, anti-photogenotoxic and antioxidant activities of natural naphthoquinone shikonin and acetylshikonin and *Arnebia euchroma* callus extracts evaluated by the umu-test and EPR method”, *Toxicology in Vitro* 30 (2015), pp. 364–372, IF=3,338

**34. Bukowicki J., Wawer A., Paradowska K.**

„Conformational Analysis of Gentiobiose Using Genetic Algorithm Search and GIAO DFT Calculations with  $^{13}\text{C}$  CPMAS NMR as a Verification Method”, *Journal of Carbohydrate Chemistry*, 34(3) (2015), pp 145-162, IF=1,183

**35. Pietrzyk D., Paradowska K., Wawer I., Diakonova I.**

"Phytochemical study of cosmetics for hair coloring; *Annals of Mechnikov Institute*" 2 (2015) 1-6 [www.imiamn.org.ua/journal.htm](http://www.imiamn.org.ua/journal.htm) УДК 615.322:54.062:543.42

**36. Sajkowska-Kozielewicz J.J., Kozielewicz P., Nicholas M. Barnes N.M., Wawer I., Paradowska K.**

„Antioxidant, Cytotoxic, and Antiproliferative Activities and Total Polyphenol Contents of the Extracts of *Geissospermum reticulatum* Bark”; *Oxidative Medicine and Cellular Longevity* 2016 (2016), pp. 1-8, IF=4,492

**37. Sajkowska-Kozielewicz J.J., Kozielewicz P., K. Makarova K., Wawer I., Paradowska K.**

„Analysis of impact of cytotoxic and antioxidant activities of the Jerusalem Balsams using chemometric methods” *Planta Med* 82(S 01), (2016); pp. S1-S381, DOI: 10.1055/s-0036-1597059 IF= 1.99

**38. Sajkowska-Kozielewicz J.J., Kozielewicz P., Barnes N.M., Wawer I., Paradowska K.** „Cytotoxic, anti-radical and reducing properties of ethanol bark extracts of *Geissospermum reticulatum*”, *Planta Med* 82(S 01), (2016); pp. S1-S381, DOI: 10.1055/s-0036-1596437 IF= 1.99

**39. Paradowska K., Czerniejewska M., Zielińska A., Sajkowska-Kozielewicz J.J.**

„Aktywność przeciwutleniająca ekstraktów z suszonych owoców Goji; *Żywność. Nauka. Technologia. Jakość*, 4(107) (2016) pp. 115 – 124; DOI: 10.15193/zntj/2016/107/142, MNiSW=13