

1. Berezhinsky, L.I., Bukowska, J., Dovbeshko, G.I., Talik, E., Wozniak, K., Zawada, K. *Electron and vibrational spectra of β -alanine single crystal: new data from ESCA, Raman and FTIR spectroscopy*. Functional Materials, 7, 4 (1) 2000, pp. 722-726
2. Zawada, K.; Bukowska, J. *An interaction of 1,10-phenantroline with the copper electrode in neutral and acidic aqueous solutions: a surface enhanced Raman scattering study*. Journal of Molecular Structure 555 (1-3) 2000, pp. 425-432 (IF = 0.849)
3. Zawada, K.; Dryjański, P. *Hydration of the hydrogen ion in aqueous solutions from intensity of the OD band of HDO*. Journal of Molecular Structure 560 (1-3) 2001, pp. 283-294 (IF = 0.907)
4. Czerwosz, E.; Vouagner, D.; Dluzewski, P.; Zawada, K.; Girardeau-Montaut, J.P. *Work function and electron emission from nanocrystalline Pd films*. Vacuum 63 (1-2) 2001, pp. 355-360 (IF = 0.541)
5. Grus, M., Jankowska-Frydel, A., Bohdanowicz, J., Zawada, K. *Chemical vapor deposition of diamond films in hot filament reactor*. Crystal Research and Technology, 36 (8-10), 2001, pp. 961-70 (IF = 0.536)
6. Zawada, K.; Bukowska, J.; Calvo, M.; Jackowska, K. *Surface-enhanced Raman spectroscopy and electrochemistry at the copper/4-phenylpyridine interface*. Electrochimica Acta 46 (17) 2001, pp. 2671 - 2680 (IF = 1.893)
7. Jurkiewicz-Herbich, M.; Slojkowska, R.; Zawada, K.; Bukowska, J. *Electrochemical and surface-enhanced Raman spectroscopy studies of 4-phenylpyridine adsorption at the gold/solution interface*. Electrochimica Acta 47 (15) 2002, pp. 2429 - 2434 (IF = 2.078)
8. Zawada, K.; Bukowska, J. *Surface-enhanced Raman spectroscopy studies of phenylpyridines interacting with a copper electrode surface*. Surface Science 507-510; 2002, pp. 34-39 (IF = 2.140)
9. Zawada, K.; Bukowska, J. *Surface-enhanced Raman spectroscopy and electrochemistry of 2,2'-bipyridine adsorbed at copper electrode*. Electrochimica Acta 49 (3) 2004, pp. 469-476 (IF = 2.341)
10. Graff, M., Bukowska, J., Zawada, K. *Surface enhanced Raman scattering (SERS) of 1-hydroxybenzotriazole adsorbed on a copper electrode surface*. Journal of Electroanalytical Chemistry 567 (2) 2004, pp. 297-303 (IF = 2.228)
11. Zawada, K.; Wawer, I. *Beta-karoten i witamina A w diecie i w suplementach diety*. Essentia Medica 37 (1) 2007, pp. 52-57
12. Zawada, K. *Zastosowanie spektroskopii EPR w farmacji i medycynie*. Farmacja Polska 65 (3) 2009, pp. 224-228
13. Zawada, K.; Wolniak M.; Kazimierzczuk Z.; Wawer I. *Structural studies of 4,5,6,7-tetrabromobenzimidazole derivatives by means of solid-state ^{13}C , ^{15}N NMR spectroscopy and DFT calculations*. Journal of Molecular Structure 918; 2009, pp. 174-182 (IF = 1.551)
14. Bogucka, M.; Giebultowicz, J.; Zawada, K.; Wroczynski, P.; Wierzchowski, J. ; Pietrzak, M.; Piekarczyk, P.; Romanowska, K. *The oxidation status of ALDH3A1 in human saliva and its correlation with antioxidant capacity measured by ORAC method*. Acta Poloniae Pharmaceutica 66(5); 2009, pp. 477-482
15. Dąbrowska-Bernstein, B; Zawada, K.; Wawer, I. *PADMA BASIC - roślinny suplement diety bogaty w naturalne przeciwutleniacze*. Klinika Nowa (3-4); 2009, pp. 354-355
16. Makarova, K.; Łastawska, K.; Zawada, K.; Wawer, I. *Spin trapping study of the influence of taxifolin on Fenton reaction in ethanol and methanol*. Current Topics in Biophysics 33(suppl.A); 2010, pp. 153-156

17. Zawada, K.; Celińska, J.; Matyska-Piekarska, E.; Wawer, I.; Łacki, J.K. *Antioxidant capacity of serum measured using TEMPO scavenging assay in patients with rheumatoid arthritis*. *Current Topics in Biophysics* 33(suppl.A); 2010, pp. 267-269
18. Thaler, S.; Fiedorowicz, M.; Grieb, P.; Wypych, Z.; Knap, N.; Borowik, T.; Zawada, K.; Kaminski, J.; Wozniak, M.; Rejdak, R.; Zrenner, E.; Schuettauf, F. *Neuroprotective effects of tempol acyl esters against retinal ganglion cell death in a rat partial optic nerve crush model*. *Acta Ophthalmologica* 89; 2011, pp. E555-E560 (IF = 2.629)
19. Kozłowska, M.; Szterk, A.; Zawada, K.; Ząbkowski, T. J.K. *New Opportunities of the Application of Natural Herb and Spice Extracts in Plant Oils: Application of Electron Paramagnetic Resonance in Examining the Oxidative Stability*. *Journal of Food Science* 77(9); 2012, pp. C994-C999 (IF=1.775)
20. Paszkiewicz, K.; Zawada, K.; Sułek, M. W. *Spektroskopia elektronowego rezonansu paramagnetycznego (EPR) jako efektywna metoda kontroli jakości surowców kosmetycznych na bazie olejów roślinnych*. *Towaroznawcze Problemy Jakości* 4; 2012, pp. 46-54
21. Bodera, P.; Stankiewicz, W.; Zawada, K.; Antkowiak, B.; Paluch, M.; Kieliszek, J.; Kalicki, B.; Bartosinski, A.; Wawer, I. *Changes in antioxidant capacity of blood due to mutual action of electromagnetic field (1800 MHz) and opioid drug (tramadol) in animal model of persistent inflammatory state*. *Pharmacological Reports*, 65(421); 2013, pp.421-428 (IF=1,965)
22. Berłowski, A.; Zawada, K.; Wawer, I.; Paradowska, K. *Antioxidant Properties of Medicinal Plants from Peru*. *Food and Nutrition Sciences* 4; 2013, pp. 71-77
23. Minkowski, K.; Zawada, K.; Ptasznik, S. *Wpływ związków fenolowych nasion na stabilność oksydacyjną i aktywność antyrodnikową wytoczonych z nich olejów bogatych w PUFA n-3* *Żywność. Nauka. Technologia. Jakość* 4(89); 2013, pp. 118-132 (IF=0.311)
24. Jamróz, M.K.; Paradowska, K.; Zawada, K.; Makarova, K.; Kazmierski, S.; Wawer, I. *¹H and ¹³C NMR-based sugar profiling with chemometric analysis and antioxidant activity of herb honeys and honeys*. *Journal of the Science of Food and Agriculture* 94(2); 2014, pp. 246-255 (IF=1.879)
25. Zawada, K.; Tomaszewski, W.; Megiel, E. *A smart synthesis of gold/polystyrene core-shell nanohybrids using TEMPO coated nanoparticles* *RSC Advances* 4; 2014, pp. 23876-23885 (IF=3.708)
26. Kozłowska, M.; Zawada, K. *Evaluation of oxidative stability of vegetable oils enriched with herb extracts by EPR spectroscopy*. *Chemical Papers*, 69 (7); 2015, pp. 950-957 (IF=1.468)
27. Gozdziwska, M.; Cichowicz, G.; Markowska, K.; Zawada, K.; Megiel, E. *Nitroxide-coated silver nanoparticles: synthesis, surface physicochemistry and antibacterial activity* *RSC Advances* 5; 2015, pp. 58403-58415 (IF=3.84)
28. Zawada, K.; Kozłowska, M.; Żbikowska, A. *Oxidative stability of the lipid fraction in cookies – the EPR study*, *Nukleonika* 60 (3); 2015, 469–473 (IF=0.477)
29. Makarova, K.; Drażikowska, K.; Suska, B.; Zawada, K.; Wawer, I. *Spin trapping studies of essential oils in lipid systems* *Nukleonika* 60 (3); 2015, 461-468 (IF=0.477)
30. Wesołowski, P.; Zawada, K.; Wójtowicz, A.; Strużycka, I.; Kamiński, T. *Assessment of salivary total antioxidant capacity in patients with primary untreated head and neck squamous cell carcinoma with ORAC*. *Journal of Oral Pathology & Medicine* 45; 2016, pp. 753–757 (IF= 1.859)

31. Skąpska, S.; Marszałek, K.; Woźniak, Ł.; Zawada, K.; Wawer, I. *Aronia dietary drinks fortified with selected herbal extracts preserved by thermal pasteurization and high pressure carbon dioxide*. LWT - Food Science and Technology, in press
32. Rybicka-Jasińska, K.; Shan, W.; Zawada, K.; Kadish, K.M.; Gryko, D. *Porphyrins as Photoredox Catalysts: Experimental and Theoretical Studies*. Journal of the American Chemical Society 138 (47); 2016, pp 15451–15458 (IF= 13.038)
33. Mińkowski, K.; Zawada, K. *Aktywność antyoksydacyjna i przeciwrodnikowa przeciwutleniaczy w oleju z nasion czarnej porzeczki i żmijowcowym*. Postępy Nauki i Technologii Przemysłu Rolno-Spożywczego 71 (2); 2016, pp. 36-45