

Agnieszka Niemczynowicz

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

110
citations

6
h-index

9
g-index

26
ext. papers

160
ext. citations

2.4
avg, IF

2.5
L-index

#	Paper	IF	Citations
25	Impact of Grape Variety, Yeast and Malolactic Fermentation on Volatile Compounds and Fourier Transform Infrared Spectra in Red Wines. <i>Polish Journal of Food and Nutrition Sciences</i> , 2022 , 38-55	3.1	
24	Elastodynamical properties of Sturmian structured media. <i>Journal of Sound and Vibration</i> , 2022 , 517, 116539	3.9	0
23	Quality Assessment of Honey Powders Obtained by High- and Low-Temperature Spray Drying. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 224	2.6	6
22	Chemometric approach to characterization of the selected grape seed oils based on their fatty acids composition and FTIR spectroscopy. <i>Scientific Reports</i> , 2021 , 11, 19256	4.9	1
21	Potato Starch Utilization in Ecological Loose-Fill Packaging Materials-Sustainability and Characterization. <i>Materials</i> , 2020 , 13,	3.5	6
20	Spectroscopic and theoretical studies of fluorescence effects induced by the ESIPT process in a new derivative 2-Hydroxy-N-(2-phenylethyl)benzamide - Study on the effects of pH and medium polarity changes. <i>PLoS ONE</i> , 2020 , 15, e0229149	3.7	4
19	Influence of Electromagnetic Stimulation of Seeds on the Photosynthetic Indicators in <i>Medicago sativa</i> L. Leaves at Various Stages of Development. <i>Agronomy</i> , 2020 , 10, 594	3.6	1
18	An Explanation of the Landauer bound and its ineffectiveness with regard to multivalued logic. <i>Czasopismo Techniczne</i> , 2020 , 1-11	0.5	
17	Fractals and Chaos Related to Ising-Onsager-Zhang Lattices. Quaternary Approach vs. Ternary Approach. <i>Advances in Applied Clifford Algebras</i> , 2019 , 29, 1	1	1
16	Physical assessment, spectroscopic and chemometric analysis of starch-based foils with selected functional additives. <i>PLoS ONE</i> , 2019 , 14, e0212070	3.7	3
15	Spectroscopic Examination and Chemometric Analysis of Essential Oils Obtained from Peppermint Herb (<i>Mentha piperita</i> L.) and Caraway Fruit (<i>Carum carvi</i> L.) Subjected to Pulsed Electric Fields. <i>Processes</i> , 2019 , 7, 466	2.9	6
14	Impact of storage temperature and time on Moldavian dragonhead oil – spectroscopic and chemometric analysis. <i>Open Chemistry</i> , 2019 , 17, 609-620	1.6	2
13	Effect of Stress Caused by Electromagnetic Stimulation on the Fluorescence Lifetime of Chlorophylls in Alfalfa Leaves. <i>Polish Journal of Environmental Studies</i> , 2019 , 28, 3133-3143	2.3	2
12	Use of FTIR Spectroscopy and Chemometrics with Respect to Storage Conditions of Moldavian Dragonhead Oil. <i>Sustainability</i> , 2019 , 11, 6414	3.6	16
11	The Influence of Copper and Silver Nanocolloids on the Quality of Pressed Spring Rapeseed Oil. <i>Agronomy</i> , 2019 , 9, 643	3.6	6
10	Spectroscopic and theoretical studies of dual fluorescence in 2-hydroxy-n-(2-phenylethyl)benzamide induced by ESIPT process – Solvent effects. <i>Journal of Luminescence</i> , 2019 , 208, 125-134	3.8	6
9	Spectroscopic Studies of Dual Fluorescence in 2-(4-Fluorophenylamino)-5-(2,4-dihydroxybenzeno)-1,3,4-thiadiazole: Effect of Molecular Aggregation in a Micellar System. <i>Molecules</i> , 2018 , 23,	4.8	15

8	Fractals and chaos related to Ising-Onsager lattices. Ternary approach versus binary approach. <i>International Journal of Geometric Methods in Modern Physics</i> , 2018 , 15, 1850187	1.5	1
7	Zwanzig's Trajectories Used in Relation to Thermodynamical Chaos for Spin Wave Description. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2014 , 24, 1450058	2	
6	(Para) quaternionic geometry, harmonic forms, and stochastic relaxation. <i>Publicationes Mathematicae</i> , 2014 , 84, 205-220	1.7	3
5	Fractals and Chaos Related to Ising-Onsager-Zhang Lattices vs. The Jordan-von Neumann-Wigner Procedures. Ternary Approach. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , 2013 , 14,	1.8	5
4	LATTICE DYNAMICS IN RELATION TO CHAOS IN ZWANZIG-TYPE CHAINS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2013 , 23, 1350183	2	
3	On the Ternary Approach to Clifford Structures and Ising Lattices. <i>Advances in Applied Clifford Algebras</i> , 2012 , 22, 757-769	1	9
2	An Approach to Models of Order-Disorder and Ising Lattices. <i>Advances in Applied Clifford Algebras</i> , 2010 , 20, 733-743	1	14
1	Use of physicochemical, FTIR and chemometric analysis for quality assessment of selected monofloral honeys. <i>Journal of Apicultural Research</i> , 1-10	2	3