

# BogumiÅ, a Kupcewicz

## List of Publications by Year in descending order

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43  
papers

563  
citations

567281

15  
h-index

677142

22  
g-index

45  
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45  
docs citations

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times ranked

921  
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of adulterants in dietary supplements with Ginkgo biloba extract by attenuated total reflectance Fourier transform infrared spectroscopy and multivariate methods PLS-DA and PCA. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 208, 222-228.	3.9	50
2	Role of Crystal Packing and Weak Intermolecular Interactions in the Solid State Fluorescence of <i>N</i> -Methylpyrazoline Derivatives. <i>Crystal Growth and Design</i> , 2015, 15, 3893-3904.	3.0	43
3	The synthesis, lipophilicity and cytotoxic effects of new ruthenium(II) arene complexes with chromone derivatives. <i>Journal of Inorganic Biochemistry</i> , 2016, 159, 133-141.	3.5	41
4	Solid phase microextraction chemical biopsy tool for monitoring of doxorubicin residue during <i>in vivo</i> lung chemo-perfusion. <i>Journal of Pharmaceutical Analysis</i> , 2021, 11, 37-47.	5.3	36
5	Copper(II) complexes with derivatives of pyrazole as potential antioxidant enzyme mimics. <i>Medicinal Chemistry Research</i> , 2013, 22, 2395-2402.	2.4	31
6	Cytotoxic activity of substituted chalcones in terms of molecular electronic properties. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 4260-4265.	2.2	28
7	Copper(II) complexes with pyrazole derivatives – Synthesis, crystal structure, DFT calculations and cytotoxic activity. <i>Journal of Molecular Structure</i> , 2013, 1052, 32-37.	3.6	26
8	An unusual four-nuclear Pb(II)-pyrrole-2-carboxylato polymer: The effect of the lone pair and non-covalent interactions on the supramolecular assembly and fluorescence properties. <i>Journal of Solid State Chemistry</i> , 2019, 273, 207-218.	2.9	25
9	A Modified Approach to Evaluation of DON Content in Scab-Damaged Ground Wheat by Use of Diffuse Reflectance Spectroscopy. <i>Food Analytical Methods</i> , 2008, 1, 283-292.	2.6	24
10	Structure-cytotoxic activity relationship of 3-arylidene flavanone and chromanone (E,Z isomers) and 3-arylflavones. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 4102-4106.	2.2	24
11	An application of QSRR approach and multiple linear regression method for lipophilicity assessment of flavonoids. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 164, 681-689.	2.8	24
12	Lead(II) coordination polymers with imidazole-4- and pyrazole-3-carboxylate isomeric linkers: Structural diversity and luminescence properties. <i>Journal of Solid State Chemistry</i> , 2018, 266, 100-111.	2.9	21
13	A comparison of structural and luminescence properties of lead(II) coordination polymers with isomeric thiophenecarboxylate ligands. <i>Inorganica Chimica Acta</i> , 2018, 471, 446-458.	2.4	20
14	Exploring thiophene-2-acetate and thiophene-3-acetate binding modes towards the molecular and supramolecular structures and photoluminescence properties of Pb(II) polymers. <i>CrystEngComm</i> , 2020, 22, 7025-7035.	2.6	17
15	Quantitative relationships between structure and cytotoxic activity of flavonoid derivatives. An application of Hirshfeld surface derived descriptors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 3336-3341.	2.2	15
16	Novel bright-blue luminescent complex of Zn(II) with 7-amino-methylchromen-4-one: Synthesis, photophysical properties and DFT calculations. <i>Polyhedron</i> , 2013, 55, 259-269.	2.2	13
17	Comparison of Metabolomic Profiles of Organs in Mice of Different Strains Based on SPME-LC-HRMS. <i>Metabolites</i> , 2020, 10, 255.	2.9	13
18	The synthesis, spectroscopic properties and X-ray structure of Zn(II) complexes with amino derivatives of chromone. <i>Polyhedron</i> , 2011, 30, 1177-1184.	2.2	11

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19	Metabolomic Phenotyping of Gliomas: What Can We Get with Simplified Protocol for Intact Tissue Analysis?. <i>Cancers</i> , 2022, 14, 312.	3.7	11
20	Biological Properties of Carbon Powders Synthesized Using Chemical Vapour Deposition and Detonation Methods. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 9037-9046.	0.9	10
21	Effect of Temperature and Light (UV, IR) on Flavonol Content in Radish and Alfalfa Sprouts. <i>Folia Biologica</i> , 2005, 53, 121-125.	0.5	8
22	Simultaneous determination of ciprofloxacin hydrochloride and hydrocortisone in ear drops by high performance liquid chromatography. <i>Chemical Papers</i> , 2014, 68, .	2.2	8
23	The cytotoxic effect of spiroflavanone derivatives, their binding ability to human serum albumin (HSA) and a DFT study on the mechanism of their synthesis. <i>Journal of Molecular Structure</i> , 2017, 1137, 267-276.	3.6	8
24	Chemometric analysis of antioxidant properties of herbal products containing Ginkgo biloba extract. <i>Open Life Sciences</i> , 2013, 8, 374-385.	1.4	7
25	Investigating the Potential Use of Chemical Biopsy Devices to Characterize Brain Tumor Lipidomes. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3518.	4.1	7
26	Content of Selected Heavy Metals in the Organs of Fish from Å»nin DuÅ¼e Lake. <i>Folia Biologica</i> , 2005, 53, 115-119.	0.5	5
27	Rapid and Accurate Approach for Honeybee Pollen Analysis Using ED-XRF and FTIR Spectroscopy. <i>Molecules</i> , 2021, 26, 6024.	3.8	5
28	Copper(II) complexes of 7-amino-2-methylchromone and 7-aminoflavone: Magneto-structural, spectroscopic and DFT characterization. <i>Polyhedron</i> , 2018, 153, 181-196.	2.2	4
29	Discrimination of Adulterated Ginkgo Biloba Products Based on 2T2D Correlation Spectroscopy in UV-Vis Range. <i>Molecules</i> , 2022, 27, 433.	3.8	4
30	Impact of Different Fishing Seasons on the Fatty Acids Profile, Cholesterol Content, And Fat in the Muscles of Perch, <i>Perca fluviatilis</i> L. from the WÅocÅawski Reservoir (Central Poland). <i>Archives of Polish Fisheries</i> , 2008, 16, .	0.6	3
31	Evaluation of impurities in simvastatin drug products with the use of FT-IR spectroscopy and selected chemometric techniques. <i>Open Chemistry</i> , 2013, 11, 1320-1329.	1.9	3
32	Development and optimization of the activated charcoal suspension composition based on a mixture design approach. <i>Acta Pharmaceutica</i> , 2015, 65, 83-90.	2.0	3
33	Chemometric analysis of fatty acids profile of bream ( <i>Abramis brama</i> ), ruffe ( <i>Gymnocephalus cernua</i> ) and perch ( <i>Perca fluviatilis</i> ) meat from Lake GopÅo and WÅocÅawski Dam Reservoir. <i>Journal of Central European Agriculture</i> , 2011, 12, 601-614.	0.6	3
34	Implementation of chemometric techniques for evaluation of antioxidant properties of <i>Camellia sinensis</i> extracts. <i>Open Chemistry</i> , 2014, 12, 700-710.	1.9	2
35	Score-based quantitative principal component analysis with application to the study of active pharmaceutical ingredients based on attenuated total reflection fourier transform infrared spectra. <i>Journal of Chemometrics</i> , 2017, 31, e2863.	1.3	2
36	Interactions in flavanone and chalcone derivatives: Hirshfeld surface analysis, energy frameworks and global reactivity descriptors. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2020, 76, 212-224.	0.5	2

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37	Impurity profile analysis of drug products containing acetylsalicylic acid: a chemometric approach. <i>Open Chemistry</i> , 2013, 11, 1091-1100.	1.9	1
38	Biologic parameters of polar fox ( <i>Alopex lagopus</i> L.) semen during the breeding season. <i>Turkish Journal of Veterinary and Animal Sciences</i> , 0, , .	0.5	1
39	Impact of Sex and Fishing Season on Fatty Acid Profile, Fat and Cholesterol Content in the Meat of Roach ( <i>Rutilus rutilus</i> L.) from Brda River (Poland). <i>Folia Biologica</i> , 2012, 60, 227-233.	0.5	0
40	Automatic classification of peripheral blood smear cells by the example of lead poisoning. <i>Farmacja Polska</i> , 2020, 76, 318-323.	0.1	0
41	Chemical fingerprints in the analysis and quality assessment of plant products. <i>Farmacja Polska</i> , 2020, 76, 459-466.	0.1	0
42	Health risks associated with dietary supplements for athletes. <i>Farmacja Polska</i> , 2021, 77, 548-553.	0.1	0
43	HATS5m as an Example of GETAWAY Molecular Descriptor in Assessing the Similarity/Diversity of the Structural Features of 4-Thiazolidinone. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6576.	4.1	0