

Dariusz Wiacek

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.

36
papers

403
citations

12
h-index

18
g-index

39
ext. papers

583
ext. citations

4.2
avg. IF

3.92
L-index

#	Paper	IF	Citations
36	Dietary Intake of Toxic Heavy Metals with Major Groups of Food Products-Results of Analytical Determinations.. <i>Nutrients</i> , 2022 , 14,	6.7	3
35	Capacity of honeybees to remove heavy metals from nectar and excrete the contaminants from their bodies. <i>Apidologie</i> , 2021 , 52, 1098	2.3	7
34	Essential differences in the mineral status of free-ranging European bison <i>Bison bonasus</i> populations in Poland: The effect of the anthroposphere and lithosphere. <i>Science of the Total Environment</i> , 2021 , 757, 143926	10.2	5
33	Effect of FeO nanoparticles on germination of seeds and concentration of elements in <i>Helianthus annuus</i> L. under constant magnetic field. <i>Scientific Reports</i> , 2020 , 10, 8068	4.9	8
32	Agro-industrial by-product in photoheterotrophic and mixotrophic culture of <i>Tetrademus obliquus</i> : Production of β and $\bar{\beta}$ essential fatty acids with biotechnological importance. <i>Scientific Reports</i> , 2020 , 10, 6411	4.9	13
31	<i>Hermetia illucens</i> exhibits bioaccumulative potential for 15 different elements - Implications for feed and food production. <i>Science of the Total Environment</i> , 2020 , 723, 138125	10.2	22
30	Contribution of Major Groups of Food Products to the Daily Intake of Selected Elements-Results from Analytical Determinations Supported by Chemometric Analysis. <i>Nutrients</i> , 2020 , 12,	6.7	3
29	FT-Raman and FT-IR studies of the gluten structure as a result of model dough supplementation with chosen oil pomaces. <i>Journal of Cereal Science</i> , 2020 , 93, 102961	3.8	8
28	Maternal HMB treatment affects bone and hyaline cartilage development in their weaned piglets via the leptin/osteoprotegerin system. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2019 , 103, 626-643	2.6	5
27	Drought in acid soil increases aluminum toxicity especially of the Al-sensitive wheat. <i>Environmental and Experimental Botany</i> , 2019 , 165, 185-195	5.9	7
26	The effect of cadmium exposition on the structure and mechanical properties of rat incisors. <i>PLoS ONE</i> , 2019 , 14, e0215370	3.7	5
25	Inter-species and inter-colony differences in elemental concentrations in eggshells of sympatrically nesting great cormorants <i>Phalacrocorax carbo</i> and grey herons <i>Ardea cinerea</i> . <i>Environmental Science and Pollution Research</i> , 2019 , 26, 2747-2760	5.1	2
24	Fungal (1- β)-D-glucans as a new kind of biosorbent for heavy metals. <i>International Journal of Biological Macromolecules</i> , 2019 , 137, 960-965	7.9	14
23	Liquid Anaerobic Digestate as a Source of Nutrients for Lipid and Fatty Acid Accumulation by <i>Auxenochlorella Protothecoides</i> . <i>Molecules</i> , 2019 , 24,	4.8	8
22	Bone Homeostasis in Experimental Fumonisin Intoxication of Rats. <i>Annals of Animal Science</i> , 2019 , 19, 403-419	2	12
21	Use of FTIR Spectroscopy and Chemometrics with Respect to Storage Conditions of Moldavian Dragonhead Oil. <i>Sustainability</i> , 2019 , 11, 6414	3.6	16
20	The preliminary studies on protein profile in retained and not retained foetal membranes in heavy draft mares. <i>Reproduction in Domestic Animals</i> , 2019 , 54, 1543-1551	1.6	

19	Mallards <i>Anas platyrhynchos</i> shot in Eastern Poland: ecological risk evaluated by analysis of trace elements in liver. <i>Human and Ecological Risk Assessment (HERA)</i> , 2019 , 25, 2116-2132	4.9	3
18	Factors Affecting Element Concentrations in Eggshells of Three Sympatrically Nesting Waterbirds in Northern Poland. <i>Archives of Environmental Contamination and Toxicology</i> , 2018 , 74, 318-329	3.2	2
17	<i>Hermetia illucens</i> as a new and promising species for use in entomoremediation. <i>Science of the Total Environment</i> , 2018 , 633, 912-919	10.2	35
16	Electromagnetic field pretreatment of <i>Sinapis alba</i> seeds improved cadmium phytoextraction. <i>International Journal of Phytoremediation</i> , 2018 , 20, 338-342	3.9	10
15	Analysis of bone osteometry, mineralization, mechanical and histomorphometrical properties of tibiotarsus in broiler chickens demonstrates a influence of dietary chickpea seeds (<i>Cicer arietinum</i> L.) inclusion as a primary protein source. <i>PLoS ONE</i> , 2018 , 13, e0208921	3.7	18
14	The content of selected nutrients and minerals in some cultivars of <i>Cucurbita maxima</i> . <i>British Food Journal</i> , 2018 , 120, 2261-2269	2.8	1
13	Changes in the bioelement content of summer and winter western honeybees (<i>Apis mellifera</i>) induced by <i>Nosema ceranae</i> infection. <i>PLoS ONE</i> , 2018 , 13, e0200410	3.7	13
12	Application of electronic nose with MOS sensors to prediction of rapeseed quality. <i>Measurement: Journal of the International Measurement Confederation</i> , 2017 , 103, 227-234	4.6	53
11	Inter-colony differences in hepatic element concentrations of European flagship farmland bird, the Rook <i>Corvus frugilegus</i> , breeding in rural habitats in East Poland. <i>Agriculture, Ecosystems and Environment</i> , 2017 , 250, 123-132	5.7	1
10	Electronic nose with polymer-composite sensors for monitoring fungal deterioration of stored rapeseed. <i>International Agrophysics</i> , 2017 , 31, 317-325	2	26
9	Trace element concentrations in livers of Common Buzzards <i>Buteo buteo</i> from eastern Poland. <i>Environmental Monitoring and Assessment</i> , 2017 , 189, 421	3.1	4
8	Concentrations of lead and other elements in the liver of the white-tailed eagle (<i>Haliaeetus albicilla</i>), a European flagship species, wintering in Eastern Poland. <i>Ambio</i> , 2017 , 46, 825-841	6.5	21
7	Intra-clutch and inter-colony variability in element concentrations in eggshells of the black-headed gull, <i>Chroicocephalus ridibundus</i> , in northern Poland. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 10341-10353	5.1	7
6	Factors affecting trace element accumulation in livers of avian species from East Poland. <i>Turkish Journal of Zoology</i> , 2017 , 41, 901-913	0.7	7
5	The Possibility of Meeting Greenhouse Energy and CO ₂ Demands Through Utilisation of Cucumber and Tomato Residues. <i>Bioenergy Research</i> , 2016 , 9, 624-632	3.1	8
4	Transgenerational effects of temporal drought stress on spring barley morphology and functioning. <i>Environmental and Experimental Botany</i> , 2016 , 131, 120-127	5.9	28
3	Comparison of selected parameters of biomass and coal. <i>International Agrophysics</i> , 2016 , 30, 475-482	2	13
2	Trace elements in eggshells of the Grey Heron (<i>Ardea cinerea</i>) from the colony in the Roztocze Hills (South East Poland). <i>Zoology and Ecology</i> , 2013 , 23, 240-244	0.2	4

- 1 Electroabsorption spectra of carotenoid isomers: Conformational modulation of polarizability vs. induced dipole moments. *Chemical Physics*, **2006**, 326, 465-470 2.3 10