

Agnieszka Iwona Piotrowicz-CieÅłak

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

492
citations

687363

13
h-index

752698

20
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40
all docs

40
docs citations

40
times ranked

562
citing authors

#	ARTICLE	IF	CITATIONS
1	Cadmium ion-chlorophyll interaction – Examination of spectral properties and structure of the cadmium-chlorophyll complex and their relevance to photosynthesis inhibition. <i>Chemosphere</i> , 2020, 261, 127434.	8.2	44
2	Instability of chlorophyll in yellow lupin seedlings grown in soil contaminated with ciprofloxacin and tetracycline. <i>Chemosphere</i> , 2017, 184, 62-73.	8.2	37
3	Polypropylene structure alterations after 5 years of natural degradation in a waste landfill. <i>Science of the Total Environment</i> , 2021, 758, 143649.	8.0	37
4	Content of biogenic amines in <i>Lemna minor</i> (common duckweed) growing in medium contaminated with tetracycline. <i>Aquatic Toxicology</i> , 2016, 180, 95-102.	4.0	34
5	European yellow lupine, <i>Lupinus luteus</i> , and narrow leaf lupine, <i>Lupinus angustifolius</i> , as hosts for the pea aphid, <i>Acyrtosiphon pisum</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2008, 128, 139-146.	1.4	25
6	Phytotoxicity of Sulfamethazine Soil Pollutant to Six Legume Plant Species. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2010, 73, 1220-1229.	2.3	25
7	Phytotoxicity of Sodium Chloride Towards Common Duckweed (<i>Lemna Minor</i> L.) and Yellow Lupin (<i>Lupinus Luteus</i> L.). <i>Archives of Environmental Protection</i> , 2013, 39, 117-128.	1.1	22
8	Chlorophyll degradation by tetracycline and cadmium in spinach (<i>Spinacia oleracea</i> L.) leaves. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 6301-6314.	3.5	21
9	Soluble sugars and flatulence-producing oligosaccharides in maturing yellow lupin (<i>Lupinus</i>) Tj ETQq1 1 0.784314 rgBT / Overlock 1.7 20	1.7	20
10	Application of microbial assay for risk assessment biotest in evaluation of toxicity of human and veterinary antibiotics. <i>Environmental Toxicology</i> , 2010, 25, 487-494.	4.0	18
11	A Strong Impact of Soil Tetracycline on Physiology and Biochemistry of Pea Seedlings. <i>Scientifica</i> , 2019, 2019, 1-14.	1.7	14
12	Investigation of chlorophyll degradation by tetracycline. <i>Chemosphere</i> , 2019, 229, 409-417.	8.2	13
13	Tetracycline Accumulation in Pea Seedlings and its Effects on Proteome and Enzyme Activities. <i>International Journal of Agriculture and Biology</i> , 2016, 18, 789-796.	0.4	13
14	Carbohydrates in <i>Colobanthus quitensis</i> and <i>Deschampsia antarctica</i> . <i>Acta Societatis Botanicorum Poloniae</i> , 2011, 74, 209-217.	0.8	12
15	Effects of antibiotics on the photosynthetic apparatus of plants. <i>Journal of Plant Interactions</i> , 2022, 17, 96-104.	2.1	11
16	Changes in soluble carbohydrates in yellow lupin seed under prolonged storage. <i>Seed Science and Technology</i> , 2005, 33, 141-145.	1.4	10
17	Proteins in Relation to Vigor and Viability of White Lupin (<i>Lupinus albus</i> L.) Seed Stored for 26 Years. <i>Frontiers in Plant Science</i> , 2017, 8, 1392.	3.6	10
18	Influence of light and Fe(III) ions on tetracycline degradation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 216, 273-282.	3.9	10

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19	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.	3.1	10
20	Diversity of Selected <i>Lupinus angustifolius</i> L. Genotypes at the Phenotypic and DNA Level with Respect to Microscopic Seed Coat Structure and Thickness. <i>PLoS ONE</i> , 2014, 9, e102874.	2.5	10
21	The effects of temperature on the dormancy and germination of <i>Cirsium arvense</i> (L.) Scop. seeds. <i>Acta Societatis Botanicorum Poloniae</i> , 2011, 78, 105-114.	0.8	10
22	Levofloxacin is phytotoxic and modifies the protein profile of lupin seedlings. <i>Environmental Science and Pollution Research</i> , 2017, 24, 22226-22240.	5.3	8
23	Different effects of soil drought on soluble carbohydrates of developing <i>Lupinus pilosus</i> and <i>Lupinus luteus</i> embryos. <i>Acta Societatis Botanicorum Poloniae</i> , 2011, 76, 119-125.	0.8	8
24	Comparison of UV-C irradiation, ozonation, and iron chelates treatments for degradation of tetracycline in water. <i>International Journal of Environmental Science and Technology</i> , 2016, 13, 1335-1346.	3.5	7
25	Recovery of <i>Lemna minor</i> after exposure to sulfadimethoxine irradiated and non-irradiated in a solar simulator. <i>Environmental Science and Pollution Research</i> , 2017, 24, 27642-27652.	5.3	7
26	Role of decarboxylases in the biosynthesis of biogenic amines of pea growing in soil contaminated with lomefloxacin. <i>Applied Ecology and Environmental Research</i> , 2017, 15, 1131-1148.	0.5	7
27	Cyclitols, galactosyl cyclitols and raffinose family oligosaccharides in Mexican wild lupin seeds. <i>Acta Societatis Botanicorum Poloniae</i> , 2011, 72, 109-114.	0.8	7
28	Physiological and Biochemical Parameters of Lupin Seed Subjected to 29 Years of Storage. <i>Crop Science</i> , 2017, 57, 2149-2159.	1.8	6
29	Contents of soluble carbohydrates in yellow lupin seeds matured at various temperatures. <i>Acta Physiologiae Plantarum</i> , 2006, 28, 349-356.	2.1	5
30	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.	2.5	5
31	Physiological Characteristics of Field Bean Seeds (<i>Vicia faba</i> var. <i>minor</i>) Subjected to 30 Years of Storage. <i>Agriculture (Switzerland)</i> , 2020, 10, 545.	3.1	4
32	Composition of seed soluble carbohydrates and ultrastructural diversity of testa in lupins from the mediterranean region. <i>Acta Societatis Botanicorum Poloniae</i> , 2011, 74, 281-286.	0.8	4
33	Physiological and Biochemical Parameters of Common Duckweed <i>Lemna minor</i> after the Exposure to Tetracycline and the Recovery from This Stress. <i>Molecules</i> , 2021, 26, 6765.	3.8	4
34	Uptake and reaction to roundup ultra 360 SL in soybean seedlings. <i>Biologia (Poland)</i> , 2018, 73, 637-646.	1.5	3
35	SPARFLOXACIN " A POTENTIAL CONTAMINANT OF ORGANICALLY GROWN PLANTS?. <i>Applied Ecology and Environmental Research</i> , 2016, 14, 29-44.	0.5	3
36	Physiological-biochemical parameters and characteristics of seed coat structure in lupin seeds subjected to long storage at different temperatures. <i>Acta Societatis Botanicorum Poloniae</i> , 2011, 77, 201-205.	0.8	3

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37	THE BIOACCUMULATION AND METABOLIC EFFECTS OF CIPROFLOXACIN-HCL AND CIPROFLOXACIN FREE BASE IN YELLOW LUPIN (<i>Lupinus luteus</i> L.) SEEDLINGS. <i>Applied Ecology and Environmental Research</i> , 2017, 15, 1287-1300.	0.5	2
38	Effect of Dimer Structure and Inhomogeneous Broadening of Energy Levels on the Action of Flavomononucleotide in Rigid Polyvinyl Alcohol Films. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7759.	4.1	1
39	Soluble carbohydrates in cereal (wheat, rye, triticale) seed after storage under accelerated ageing conditions. <i>Acta Societatis Botanicorum Poloniae</i> , 2011, 79, 21-25.	0.8	1
40	EFFECT OF ENVIRONMENTAL POLLUTION WITH TETRACYCLINE AND CADMIUM ON CHLOROPHYLL CONTENT IN SPINACH (<i>SPINACIA OLERACEA</i> L.) LEAVES SUBJECTED TO COLD STORAGE. <i>Applied Ecology and Environmental Research</i> , 2019, 17, .	0.5	1