

Izabela JoÅko

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,405
citations

448610

19
h-index

536525

29
g-index

30
all docs

30
docs citations

30
times ranked

2251
citing authors

#	ARTICLE	IF	CITATIONS
1	Cross-examination of engineered nanomaterials in crop production: Application and related implications. <i>Journal of Hazardous Materials</i> , 2022, 424, 127374.	6.5	13
2	The co-occurrence of Zn-and Cu-based engineered nanoparticles in soils: The metal extractability vs. toxicity to <i>Folsomia candida</i> . <i>Chemosphere</i> , 2022, 287, 132252.	4.2	9
3	The antioxidant defense responses of <i>Hordeum vulgare</i> L. to polycyclic aromatic hydrocarbons and their derivatives in biochar-amended soil. <i>Environmental Pollution</i> , 2022, 294, 118664.	3.7	8
4	Ecotoxicity of sewage sludge- or sewage sludge/willow-derived biochar-amended soil. <i>Environmental Pollution</i> , 2022, 305, 119235.	3.7	10
5	Revealing the toxicity of lopinavir- and ritonavir-containing water and wastewater treated by photo-induced processes to <i>Danio rerio</i> and <i>Allivibrio fischeri</i> . <i>Science of the Total Environment</i> , 2022, 824, 153967.	3.9	12
6	The chronic effects of CuO and ZnO nanoparticles on <i>Eisenia fetida</i> in relation to the bioavailability in aged soils. <i>Chemosphere</i> , 2021, 266, 128982.	4.2	12
7	The possibilities of using elicitors in the increase of functional value of winter wheat grain under field conditions. <i>Cereal Chemistry</i> , 2021, 98, 1038-1048.	1.1	0
8	Combined effect of nano-CuO and nano-ZnO in plant-related system: From bioavailability in soil to transcriptional regulation of metal homeostasis in barley. <i>Journal of Hazardous Materials</i> , 2021, 416, 126230.	6.5	22
9	Transcriptional and biochemical response of barley to co-exposure of metal-based nanoparticles. <i>Science of the Total Environment</i> , 2021, 782, 146883.	3.9	13
10	Effect of Source-Sink Ratio Manipulation on Growth, Flowering, and Yield Potential of Soybean. <i>Agriculture (Switzerland)</i> , 2021, 11, 926.	1.4	3
11	The effect of pH and ageing on the fate of CuO and ZnO nanoparticles in soils. <i>Science of the Total Environment</i> , 2020, 721, 137771.	3.9	30
12	Nanoparticle-Plant Interactions: Two-Way Traffic. <i>Small</i> , 2019, 15, e1901794.	5.2	132
13	Long-term effect of ZnO and CuO nanoparticles on soil microbial community in different types of soil. <i>Geoderma</i> , 2019, 352, 204-212.	2.3	66
14	Copper and zinc fractionation in soils treated with CuO and ZnO nanoparticles: The effect of soil type and moisture content. <i>Science of the Total Environment</i> , 2019, 653, 822-832.	3.9	22
15	Toxicity of combined mixtures of nanoparticles to plants. <i>Journal of Hazardous Materials</i> , 2017, 331, 200-209.	6.5	77
16	The bioavailability and toxicity of ZnO and Ni nanoparticles and their bulk counterparts in different sediments. <i>Journal of Soils and Sediments</i> , 2016, 16, 1798-1808.	1.5	18
17	Surfactants decrease the toxicity of ZnO, TiO ₂ and Ni nanoparticles to <i>Daphnia magna</i> . <i>Ecotoxicology</i> , 2015, 24, 1923-1932.	1.1	43
18	An ecotoxicological evaluation of soil fertilized with biogas residues or mining waste. <i>Environmental Science and Pollution Research</i> , 2015, 22, 7833-7842.	2.7	23

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19	Ecotoxicological evaluation of selected pharmaceuticals to <i>Vibrio fischeri</i> and <i>Daphnia magna</i> before and after photooxidation process. <i>Ecotoxicology and Environmental Safety</i> , 2014, 104, 247-253.	2.9	51
20	Microbiological, biochemical and ecotoxicological evaluation of soils in the area of biochar production in relation to polycyclic aromatic hydrocarbon content. <i>Geoderma</i> , 2014, 213, 502-511.	2.3	61
21	Effect of pesticides on microorganisms, enzymatic activity and plant in biochar-amended soil. <i>Geoderma</i> , 2014, 214-215, 10-18.	2.3	132
22	The effect of inorganic nanoparticles (ZnO, Cr ₂ O ₃ , CuO and Ni) and their bulk counterparts on enzyme activities in different soils. <i>Geoderma</i> , 2014, 232-234, 528-537.	2.3	84
23	Phytotoxicity of nanoparticles – problems with bioassay choosing and sample preparation. <i>Environmental Science and Pollution Research</i> , 2014, 21, 10215-10224.	2.7	24
24	Manufactured Nanomaterials: The Connection Between Environmental Fate and Toxicity. <i>Critical Reviews in Environmental Science and Technology</i> , 2013, 43, 2581-2616.	6.6	18
25	Effect of biochars, activated carbon and multiwalled carbon nanotubes on phytotoxicity of sediment contaminated by inorganic and organic pollutants. <i>Ecological Engineering</i> , 2013, 60, 50-59.	1.6	73
26	The influence of ZnO and TiO ₂ nanoparticles on the toxicity of sewage sludges. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 296-306.	1.7	27
27	Biochar properties regarding to contaminants content and ecotoxicological assessment. <i>Journal of Hazardous Materials</i> , 2013, 260, 375-382.	6.5	217
28	Influence of soil type and environmental conditions on ZnO, TiO ₂ and Ni nanoparticles phytotoxicity. <i>Chemosphere</i> , 2013, 92, 91-99.	4.2	103
29	The Phytotoxicity Changes of Sewage Sludge-Amended Soils. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 4937-4948.	1.1	45
30	The toxicity to plants of the sewage sludges containing multiwalled carbon nanotubes. <i>Journal of Hazardous Materials</i> , 2011, 186, 436-442.	6.5	57