Izabela Josko

List of Publications by Year in Descending Order

30 papers	994 citations	17 h-index	30 g-index
30 ext. papers	1,165 ext. citations	7.8 avg, IF	4.84 L-index

#	Paper	IF	Citations
30	Cross-examination of engineered nanomaterials in crop production: Application and related implications. *Journal of Hazardous Materials*, **2022**, 424, 127374	12.8	1
29	The co-occurrence of Zn-and Cu-based engineered nanoparticles in soils: The metal extractability vs. toxicity to Folsomia candida. *Chemosphere*, **2022**, 287, 132252	8.4	0
28	Ecotoxicity of sewage sludge- or sewage sludge/willow-derived biochar-amended soil.. *Environmental Pollution*, **2022**, 119235	9.3	0
27	Revealing the toxicity of lopinavir- and ritonavir-containing water and wastewater treated by photo-induced processes to Danio rerio and Allivibrio fischeri.. *Science of the Total Environment*, **2022**, 153967	10.2	1
26	The antioxidant defense responses of Hordeum vulgare L. to polycyclic aromatic hydrocarbons and their derivatives in biochar-amended soil.. *Environmental Pollution*, **2021**, 294, 118664	9.3	0
25	The possibilities of using elicitors in the increase of functional value of winter wheat grain under field conditions. *Cereal Chemistry*, **2021**, 98, 1038-1048	2.4	
24	The chronic effects of CuO and ZnO nanoparticles on Eisenia fetida in relation to the bioavailability in aged soils. *Chemosphere*, **2021**, 266, 128982	8.4	7
23	Combined effect of nano-CuO and nano-ZnO in plant-related system: From bioavailability in soil to transcriptional regulation of metal homeostasis in barley. *Journal of Hazardous Materials*, **2021**, 416, 126230	12.8	7
22	Transcriptional and biochemical response of barley to co-exposure of metal-based nanoparticles. *Science of the Total Environment*, **2021**, 782, 146883	10.2	5
21	Effect of Source–Sink Ratio Manipulation on Growth, Flowering, and Yield Potential of Soybean. *Agriculture (Switzerland)*, **2021**, 11, 926	3	1
20	The effect of pH and ageing on the fate of CuO and ZnO nanoparticles in soils. *Science of the Total Environment*, **2020**, 721, 137771	10.2	21
19	Long-term effect of ZnO and CuO nanoparticles on soil microbial community in different types of soil. *Geoderma*, **2019**, 352, 204-212	6.7	41
18	Nanoparticle-Plant Interactions: Two-Way Traffic. *Small*, **2019**, 15, e1901794	11	48
17	Copper and zinc fractionation in soils treated with CuO and ZnO nanoparticles: The effect of soil type and moisture content. *Science of the Total Environment*, **2019**, 653, 822-832	10.2	14
16	Toxicity of combined mixtures of nanoparticles to plants. *Journal of Hazardous Materials*, **2017**, 331, 200-208	12.8	60
15	The bioavailability and toxicity of ZnO and Ni nanoparticles and their bulk counterparts in different sediments. *Journal of Soils and Sediments*, **2016**, 16, 1798-1808	3.4	17
14	An ecotoxicological evaluation of soil fertilized with biogas residues or mining waste. *Environmental Science and Pollution Research*, **2015**, 22, 7833-42	5.1	17

List of Publications

13	Surfactants decrease the toxicity of ZnO, TiO2 and Ni nanoparticles to Daphnia magna. *Ecotoxicology*, **2015**, 24, 1923-32	2.9	36
12	Ecotoxicological evaluation of selected pharmaceuticals to Vibrio fischeri and Daphnia magna before and after photooxidation process. *Ecotoxicology and Environmental Safety*, **2014**, 104, 247-53	7	40
11	Microbiological, biochemical and ecotoxicological evaluation of soils in the area of biochar production in relation to polycyclic aromatic hydrocarbon content. *Geoderma*, **2014**, 213, 502-511	6.7	55
10	Effect of pesticides on microorganisms, enzymatic activity and plant in biochar-amended soil. *Geoderma*, **2014**, 214-215, 10-18	6.7	91
9	The effect of inorganic nanoparticles (ZnO, Cr2O3, CuO and Ni) and their bulk counterparts on enzyme activities in different soils. *Geoderma*, **2014**, 232-234, 528-537	6.7	59
8	Phytotoxicity of nanoparticles--problems with bioassay choosing and sample preparation. *Environmental Science and Pollution Research*, **2014**, 21, 10215-24	5.1	22
7	Manufactured Nanomaterials: The Connection Between Environmental Fate and Toxicity. *Critical Reviews in Environmental Science and Technology*, **2013**, 43, 2581-2616	11.1	15
6	Effect of biochars, activated carbon and multiwalled carbon nanotubes on phytotoxicity of sediment contaminated by inorganic and organic pollutants. *Ecological Engineering*, **2013**, 60, 50-59	3.9	63
5	The influence of ZnO and TiO2 nanoparticles on the toxicity of sewage sludges. *Environmental Sciences: Processes and Impacts*, **2013**, 15, 296-306	4.3	20
4	Biochar properties regarding to contaminants content and ecotoxicological assessment. *Journal of Hazardous Materials*, **2013**, 260, 375-82	12.8	180
3	Influence of soil type and environmental conditions on ZnO, TiO(2) and Ni nanoparticles phytotoxicity. *Chemosphere*, **2013**, 92, 91-9	8.4	82
2	The Phytotoxicity Changes of Sewage Sludge-Amended Soils. *Water, Air, and Soil Pollution*, **2012**, 223, 4937-4948	2.6	40
1	The toxicity to plants of the sewage sludges containing multiwalled carbon nanotubes. *Journal of Hazardous Materials*, **2011**, 186, 436-42	12.8	51