# Izabela JoÅ›ko

List of Publications by Year
in descending order



| 30 | 1,405 | 394286 19 | 477173 29 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 30 | 30 | 30 | 1984 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Cross-examination of engineered nanomaterials in crop production: Application and related implications. Journal of Hazardous Materials, 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 Folsomia candida. Chemosphere, 2022, 287, 132252. | 4.2 | 9 |
| 3 | The antioxidant defense responses of Hordeum vulgare L. to polycyclic aromatic hydrocarbons and their derivatives in biochar-amended soil. Environmental Pollution, 2022, 294, 118664. | 3.7 | 8 |
| 4 | Ecotoxicity of sewage sludge- or sewage sludge/willow-derived biochar-amended soil. Environmental Pollution, 2022, 305, 119235. | 3.7 | 10 |
| 5 | 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, 824, 153967. | 3.9 | 12 |
| 6 | The chronic effects of CuO and ZnO nanoparticles on Eisenia fetida in relation to the bioavailability in aged soils. Chemosphere, 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. Cereal Chemistry, 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. Journal of Hazardous Materials, 2021, 416, 126230. | 6.5 | 22 |
| 9 | Transcriptional and biochemical response of barley to co-exposure of metal-based nanoparticles. Science of the Total Environment, 2021, 782, 146883. | 3.9 | 13 |
| 10 | Effect of Sourceâ€“Sink Ratio Manipulation on Growth, Flowering, and Yield Potential of Soybean. Agriculture (Switzerland), 2021, 11, 926. | 1.4 | 3 |
| 11 | The effect of pH and ageing on the fate of CuO and ZnO nanoparticles in soils. Science of the Total Environment, 2020, 721, 137771. | 3.9 | 30 |
| 12 | Nanoparticleâ€“Plant Interactions: Twoâ€Way Traffic. Small, 2019, 15, e1901794. | 5.2 | 132 |
| 13 | Long-term effect of ZnO and CuO nanoparticles on soil microbial community in different types of soil. Geoderma, 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. Science of the Total Environment, 2019, 653, 822-832. | 3.9 | 22 |
| 15 | Toxicity of combined mixtures of nanoparticles to plants. Journal of Hazardous Materials, 2017, 331, 200-209. | 6.5 | 77 |
| 16 | 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. | 1.5 | 18 |
| 17 | Surfactants decrease the toxicity of ZnO, TiO2 and Ni nanoparticles to Daphnia magna. Ecotoxicology, 2015, 24, 1923-1932. | 1.1 | 43 |
| 18 | An ecotoxicological evaluation of soil fertilized with biogas residues or mining waste. Environmental Science and Pollution Research, 2015, 22, 7833-7842. | 2.7 | 23 |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 19 | Ecotoxicological evaluation of selected pharmaceuticals to Vibrio fischeri and Daphnia magna before and after photooxidation process. Ecotoxicology and Environmental Safety, 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. Geoderma, 2014, 213, 502-511. | 2.3 | 61 |
| 21 | Effect of pesticides on microorganisms, enzymatic activity and plant in biochar-amended soil. Geoderma, 2014, 214-215, 10-18. | 2.3 | 132 |
| 22 | 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. | 2.3 | 84 |
| 23 | Phytotoxicity of nanoparticlesâ€"problems with bioassay choosing and sample preparation. Environmental Science and Pollution Research, 2014, 21, 10215-10224. | 2.7 | 24 |
| 24 | Manufactured Nanomaterials: The Connection Between Environmental Fate and Toxicity. Critical Reviews in Environmental Science and Technology, 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. Ecological Engineering, 2013, 60, 50-59. | 1.6 | 73 |
| 26 | The influence of ZnO and TiO<sub>2</sub>nanoparticles on the toxicity of sewage sludges. Environmental Sciences: Processes and Impacts, 2013, 15, 296-306. | 1.7 | 27 |
| 27 | Biochar properties regarding to contaminants content and ecotoxicological assessment. Journal of Hazardous Materials, 2013, 260, 375-382. | 6.5 | 217 |
| 28 | Influence of soil type and environmental conditions on ZnO, TiO2 and Ni nanoparticles phytotoxicity. Chemosphere, 2013, 92, 91-99. | 4.2 | 103 |
| 29 | The Phytotoxicity Changes of Sewage Sludge-Amended Soils. Water, Air, and Soil Pollution, 2012, 223, 4937-4948. | 1.1 | 45 |
| 30 | The toxicity to plants of the sewage sludges containing multiwalled carbon nanotubes. Journal of Hazardous Materials, 2011, 186, 436-442. | 6.5 | 57 |