

Aleksandra Nadgãrska-Socha

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

766
citations

566801

15
h-index

500791

28
g-index

31
all docs

31
docs citations

31
times ranked

888
citing authors

#	ARTICLE	IF	CITATIONS
1	Air pollution tolerance index and heavy metal bioaccumulation in selected plant species from urban biotopes. <i>Chemosphere</i> , 2017, 183, 471-482.	4.2	101
2	Heavy metal bioaccumulation and antioxidative responses in <i>Cardaminopsis arenosa</i> and <i>Plantago lanceolata</i> leaves from metalliferous and non-metalliferous sites: a field study. <i>Ecotoxicology</i> , 2013, 22, 1422-1434.	1.1	98
3	Accumulation of heavy metals and antioxidant responses in <i>Vicia faba</i> plants grown on monometallic contaminated soil. <i>Environmental Science and Pollution Research</i> , 2013, 20, 1124-1134.	2.7	93
4	A comparative study of heavy metal accumulation and antioxidant responses in <i>Vaccinium myrtillus</i> L. leaves in polluted and non-polluted areas. <i>Environmental Science and Pollution Research</i> , 2013, 20, 4920-4932.	2.7	66
5	The effects of <i>Aphis fabae</i> infestation on the antioxidant response and heavy metal content in field grown <i>Philadelphus coronarius</i> plants. <i>Science of the Total Environment</i> , 2010, 408, 1111-1119.	3.9	43
6	Accumulation of heavy metals and antioxidant responses in <i>Pinus sylvestris</i> L. needles in polluted and non-polluted sites. <i>Ecotoxicology</i> , 2016, 25, 970-981.	1.1	40
7	Bioaccumulation of heavy metals and ecophysiological responses to heavy metal stress in selected populations of <i>Vaccinium myrtillus</i> L. and <i>Vaccinium vitis-idaea</i> L. <i>Ecotoxicology</i> , 2017, 26, 966-980.	1.1	39
8	Antioxidant responses of <i>Triticum aestivum</i> plants to petroleum-derived substances. <i>Ecotoxicology</i> , 2018, 27, 1353-1367.	1.1	34
9	The Effect of Petroleum-Derived Substances on the Growth and Chemical Composition of <i>Vicia faba</i> L.. <i>Polish Journal of Environmental Studies</i> , 2015, 24, 2157-2166.	0.6	30
10	Enzymatic activities and arbuscular mycorrhizal colonization of <i>Plantago lanceolata</i> and <i>Plantago major</i> in a soil root zone under heavy metal stress. <i>Environmental Science and Pollution Research</i> , 2016, 23, 4742-4755.	2.7	29
11	Element accumulation, distribution, and phytoremediation potential in selected metallophytes growing in a contaminated area. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 441.	1.3	28
12	<i>Robinia pseudoacacia</i> and <i>Melandrium album</i> in trace elements biomonitoring and air pollution tolerance index study. <i>International Journal of Environmental Science and Technology</i> , 2016, 13, 1741-1752.	1.8	27
13	Using <i>Plantago major</i> and <i>Plantago lanceolata</i> in environmental pollution research in an urban area of Southern Poland. <i>Environmental Science and Pollution Research</i> , 2019, 26, 23359-23371.	2.7	19
14	The influence of heavy metals on biological soil quality assessments in the <i>Vaccinium myrtillus</i> L. rhizosphere under different field conditions. <i>Ecotoxicology</i> , 2021, 30, 292-310.	1.1	17
15	Effect of petroleum-derived substances on life history traits of black bean aphid (<i>Aphis fabae</i> Scop.) and on the growth and chemical composition of broad bean. <i>Ecotoxicology</i> , 2017, 26, 308-319.	1.1	15
16	Ecophysiological Responses to Environmental Pollution of Selected Plant Species in an Industrial Urban Area. <i>International Journal of Environmental Research</i> , 2018, 12, 255-267.	1.1	14
17	The Effect of Petroleum-Derived Substances and Their Bioremediation on Soil Enzymatic Activity and Soil Invertebrates. <i>Agronomy</i> , 2021, 11, 80.	1.3	14
18	Effect of petroleum-derived substances on life history traits of bird cherry-oat aphid (<i>Rhopalosiphum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Pollution Research, 2018, 25, 27000-27012.	2.7	11

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19	Effect of Petroleum-Derived Substances and their Bioremediation on <i>Triticum aestivum</i> L. Growth and Chemical Composition. <i>Polish Journal of Environmental Studies</i> , 2019, 28, 2131-2137.	0.6	8
20	Soil Pollution by Petroleum-Derived Substances and its Bioremediation: The Effect on <i>Aphis fabae</i> Scop. Infestation and Antioxidant Response in <i>Vicia faba</i> L.. <i>Agronomy</i> , 2020, 10, 147.	1.3	7
21	Determinants of occurrence of epiphytic mosses in the urban environment; a case study from Katowice city (S Poland). <i>Acta Musei Silesiae: Scientiae Naturales</i> , 2015, 64, 275-286.	0.1	6
22	Chemical composition of broad beans (<i>Vicia faba</i> L.) and development parameters of black bean aphid (<i>Aphis fabae</i> Scop.) under conditions of soil contamination with oil derivatives. <i>Journal of Elementology</i> , 2016, , .	0.0	6
23	The Long-Term Effect of Petroleum-Derived Substances and Their Bioremediation on the Host Plant (<i>Vicia faba</i> L.) and a Herbivore (<i>Sitona</i> spp.). <i>Agronomy</i> , 2020, 10, 1066.	1.3	4
24	Assessment of Heavy Metals Contamination and Enzymatic Activity in Pine Forest Soils under Different Levels of Anthropogenic Stress. <i>Polish Journal of Environmental Studies</i> , 2016, 25, 1045-1051.	0.6	4
25	The Subsequent Effects of Soil Pollution by Petroleum Products and Its Bioremediation on the Antioxidant Response and Content of Elements in <i>Vicia faba</i> Plants. <i>Energies</i> , 2021, 14, 7748.	1.6	4
26	Pollution and ecological risk assessment of heavy metals in forest soils with changes in the leaf traits and membrane integrity of <i>Vaccinium myrtillus</i> L.. <i>European Journal of Forest Research</i> , 2022, 141, 409-419.	1.1	4
27	Comparison of the effect of liming and magnesium treatment of heavy metal contaminated soil on the content of magnesium, calcium and iron in broad beans (<i>Vicia faba</i> L. ssp. <i>Maior</i>). <i>Journal of Elementology</i> , 2012, , .	0.0	2
28	Evaluating the Accumulation of Antioxidant and Macro- and Trace Elements in <i>Vaccinium myrtillus</i> L.. <i>Biological Trace Element Research</i> , 2022, 200, 4175-4185.	1.9	2
29	Influence of lead on the activity of soil microorganisms in two Beskid landscape parks. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 839.	1.3	1
30	BaÅ± siÄ™ czy siÄ™ nie baÅ±? Bioakumulacja, bioindykacja i toksycznoÅ± metali ciÄ™Å¼kich RoÅ›liny w Å›wietle badaÅ±, o terenowych i laboratoryjnych. <i>Narracje O ZagÅ±adzie</i> , 2021, , 225-253.	0.1	0
31	Growth and Chemical Composition of <i>Vicia faba</i> L. Intercropped with Insectary Plants. <i>Polish Journal of Environmental Studies</i> , 2019, 29, 601-608.	0.6	0