Aleksandra Nadgrska-Socha

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

28 papers	536 citations	12 h-index	23 g-index
31 ext. papers	644 ext. citations	3.4 avg, IF	4.11 L-index

#	Paper	IF	Citations
28	Heavy metal bioaccumulation and antioxidative responses in Cardaminopsis arenosa and Plantago lanceolata leaves from metalliferous and non-metalliferous sites: a field study. *Ecotoxicology*, **2013**, 22, 1422-34	2.9	84
27	Accumulation of heavy metals and antioxidant responses in Vicia faba plants grown on monometallic contaminated soil. *Environmental Science and Pollution Research*, **2013**, 20, 1124-34	5.1	72
26	Air pollution tolerance index and heavy metal bioaccumulation in selected plant species from urban biotopes. *Chemosphere*, **2017**, 183, 471-482	8.4	58
25	A comparative study of heavy metal accumulation and antioxidant responses in Vaccinium myrtillus L. leaves in polluted and non-polluted areas. *Environmental Science and Pollution Research*, **2013**, 20, 4920-32	5.1	54
24	The effects of Aphis fabae infestation on the antioxidant response and heavy metal content in field grown Philadelphus coronarius plants. *Science of the Total Environment*, **2010**, 408, 1111-9	10.2	40
23	Bioaccumulation of heavy metals and ecophysiological responses to heavy metal stress in selected populations of Vaccinium myrtillus L. and Vaccinium vitis-idaea L. *Ecotoxicology*, **2017**, 26, 966-980	2.9	29
22	Accumulation of heavy metals and antioxidant responses in Pinus sylvestris L. needles in polluted and non-polluted sites. *Ecotoxicology*, **2016**, 25, 970-81	2.9	28
21	Enzymatic activities and arbuscular mycorrhizal colonization of Plantago lanceolata and Plantago major in a soil root zone under heavy metal stress. *Environmental Science and Pollution Research*, **2016**, 23, 4742-55	5.1	23
20	Element accumulation, distribution, and phytoremediation potential in selected metallophytes growing in a contaminated area. *Environmental Monitoring and Assessment*, **2015**, 187, 441	3.1	21
19	The Effect of Petroleum-Derived Substances on the Growth and Chemical Composition of Vicia faba L.. *Polish Journal of Environmental Studies*, **2015**, 24, 2157-2166	2.3	21
18	Robinia pseudoacacia and Melandrium album in trace elements biomonitoring and air pollution tolerance index study. *International Journal of Environmental Science and Technology*, **2016**, 13, 1741-1752	3.3	20
17	Antioxidant responses of Triticum aestivum plants to petroleum-derived substances. *Ecotoxicology*, **2018**, 27, 1353-1367	2.9	18
16	Using Plantago major and Plantago lanceolata in environmental pollution research in an urban area of Southern Poland. *Environmental Science and Pollution Research*, **2019**, 26, 23359-23371	5.1	12
15	Ecophysiological Responses to Environmental Pollution of Selected Plant Species in an Industrial Urban Area. *International Journal of Environmental Research*, **2018**, 12, 255-267	2.9	10
14	Effect of petroleum-derived substances on life history traits of black bean aphid (Aphis fabae Scop.) and on the growth and chemical composition of broad bean. *Ecotoxicology*, **2017**, 26, 308-319	2.9	10
13	The influence of heavy metals on biological soil quality assessments in the Vaccinium myrtillus L. rhizosphere under different field conditions. *Ecotoxicology*, **2021**, 30, 292-310	2.9	6
12	Determinants of occurrence of epiphytic mosses in the urban environment; a case study from Katowice city (S Poland). *Acta Musei Silesiae: Scientiae Naturales*, **2015**, 64, 275-286	0.5	5

List of Publications

11	The Effect of Petroleum-Derived Substances and Their Bioremediation on Soil Enzymatic Activity and Soil Invertebrates. *Agronomy*, **2021**, 11, 80	3.6	5
10	Effect of petroleum-derived substances on life history traits of bird cherry-oat aphid (Rhopalosiphum padi L.) and on the growth and chemical composition of winter wheat. *Environmental Science and Pollution Research*, **2018**, 25, 27000-27012	5.1	5
9	Chemical composition of broad beans (Vicia faba L.) and development parameters of black bean aphid (Aphis fabae Scop.) under conditions of soil contamination with oil derivatives. *Journal of Elementology*, **2016**,	1.3	4
8	Assessment of Heavy Metals Contamination and Enzymatic Activity in Pine Forest Soils under Different Levels of Anthropogenic Stress. *Polish Journal of Environmental Studies*, **2016**, 25, 1045-1051	2.3	3
7	Effect of Petroleum-Derived Substances and their Bioremediation on Triticum aestivum L. Growth and Chemical Composition. *Polish Journal of Environmental Studies*, **2019**, 28, 2131-2137	2.3	3
6	Soil Pollution by Petroleum-Derived Substances and its Bioremediation: The Effect on Aphis fabae Scop. Infestation and Antioxidant Response in Vicia faba L.. *Agronomy*, **2020**, 10, 147	3.6	3
5	The Long-Term Effect of Petroleum-Derived Substances and Their Bioremediation on the Host Plant (Vicia faba L.) and a Herbivore (Sitona spp.). *Agronomy*, **2020**, 10, 1066	3.6	1
4	The Subsequent Effects of Soil Pollution by Petroleum Products and Its Bioremediation on the Antioxidant Response and Content of Elements in Vicia faba Plants. *Energies*, **2021**, 14, 7748	3.1	0
3	Pollution and ecological risk assessment of heavy metals in forest soils with changes in the leaf traits and membrane integrity of Vaccinium myrtillus L.. *European Journal of Forest Research*,1	2.7	0
2	Influence of lead on the activity of soil microorganisms in two Beskidy landscape parks. *Environmental Monitoring and Assessment*, **2021**, 193, 839	3.1	
1	Evaluating the Accumulation of Antioxidant and Macro- and Trace Elements in Vaccinium myrtillus L. *Biological Trace Element Research*, **2021**, 1	4.5	