Aleksandra NadgÃ³rska-Socha

List of Publications by Year
in descending order

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31 papers	766 citations	567281 15 h-index	501196 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. Chemosphere, 2017, 183, 471-482.	8.2	101
2	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, 1422-1434.	2.4	98
3	Accumulation of heavy metals and antioxidant responses in Vicia faba plants grown on monometallic contaminated soil. Environmental Science and Pollution Research, 2013, 20, 1124-1134.	5.3	93
4	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, 4920-4932.	5.3	66
5	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, 1111-1119.	8.0	43
6	Accumulation of heavy metals and antioxidant responses in Pinus sylvestris L. needles in polluted and non-polluted sites. Ecotoxicology, 2016, 25, 970-981.	2.4	40
7	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.	2.4	39
8	Antioxidant responses of Triticum aestivum plants to petroleum-derived substances. Ecotoxicology, 2018, 27, 1353-1367.	2.4	34
9	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.	1.2	30
10	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, 4742-4755.	5.3	29
11	Element accumulation, distribution, and phytoremediation potential in selected metallophytes growing in a contaminated area. Environmental Monitoring and Assessment, 2015, 187, 441.	2.7	28
12	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.	3.5	27
13	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.	5.3	19
14	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.	2.4	17
15	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.	2.4	15
16	Ecophysiological Responses to Environmental Pollution of Selected Plant Species in an Industrial Urban Area. International Journal of Environmental Research, 2018, 12, 255-267.	2.3	14
17	The Effect of Petroleum-Derived Substances and Their Bioremediation on Soil Enzymatic Activity and Soil Invertebrates. Agronomy, 2021, 11, 80.	3.0	14
18	Effect of petroleum-derived substances on life history traits of bird cherry-oat aphid (Rhopalosiphum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Pollution Research, 2018, 25, 27000-27012.	5.3	11

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19	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.	1.2	8
20	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.	3.0	7
21	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.	0.2	6
22	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, , .	0.2	6
23	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.	3.0	4
24	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.	1.2	4
25	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	4
26	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, 2022, 141, 409-419.	2.5	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 (Vcia faba L. ssp. Maior). Journal of Elementology, 2012, , .	0.2	2
28	Evaluating the Accumulation of Antioxidant and Macro- and Trace Elements in Vaccinium myrtillus L.. Biological Trace Element Research, 2022, 200, 4175-4185.	3.5	2
29	Influence of lead on the activity of soil microorganisms in two Beskidy landscape parks. Environmental Monitoring and Assessment, 2021, 193, 839.	2.7	1
30	BaÄ‡ siÄ™ czy siÄ™ nie baÄ‡? Bioakumulacja, bioindykacja i toksycznoÅ›Ä‡ metali ciÄ™Å¼kich RoÅ›liny w Å›wietle badaÅ„ terenowych i laboratoryjnych. Narracje O ZagÅ‚adzie, 2021, , 225-253.	0.1	0
31	Growth and Chemical Composition of <i>Vicia faba</i> L. Intercropped with Insectary Plants. Polish Journal of Environmental Studies, 2019, 29, 601-608.	1.2	0