Agnieszka Klimkowicz-Pawlas

List of Publications by Year
in descending order

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Version: 2024-02-01

32 papers	1,099 citations	430442 18 h-index	414034 32 g-index
32 all docs	32 docs citations	32 times ranked	1265 citing authors

#	Article	IF	Citations
1	Monitoring of the total content of polycyclic aromatic hydrocarbons (PAHs) in arable soils in Poland. Chemosphere, 2008, 73, 1284-1291.	4.2	129
2	Concentrations, sources, and spatial distribution of individual polycyclic aromatic hydrocarbons (PAHs) in agricultural soils in the Eastern part of the EU: Poland as a case study. Science of the Total Environment, 2009, 407, 3746-3753.	3.9	123
3	Soil organic matter composition as a factor affecting the accumulation of polycyclic aromatic hydrocarbons. Journal of Soils and Sediments, 2019, 19, 1890-1900.	1.5	86
4	Assessment of the pollution and ecological risk of lead and cadmium in soils. Environmental Geochemistry and Health, 2018, 40, 2325-2342.	1.8	71
5	Potential ecological risk assessment and predicting zinc accumulation in soils. Environmental Geochemistry and Health, 2018, 40, 435-450.	1.8	62
6	Impact of Water Stress on Microbial Community and Activity in Sandy and Loamy Soils. Agronomy, 2020, 10, 1429.	1.3	55
7	Ecotoxic Effect of Phenanthrene on Nitrifying Bacteria in Soils of Different Properties. Journal of Environmental Quality, 2007, 36, 1635-1645.	1.0	54
8	Sewage sludge biochars managementâ€"Ecotoxicity, mobility of heavy metals, and soil microbial biomass. Environmental Toxicology and Chemistry, 2018, 37, 1197-1207.	2.2	53
9	The impact of selected soil organic matter fractions on the PAH accumulation in the agricultural soils from areas of different anthropopressure. Environmental Science and Pollution Research, 2017, 24, 10955-10965.	2.7	41
10	Effects of anthropopressure and soil properties on the accumulation of polycyclic aromatic hydrocarbons in the upper layer of soils in selected regions of Poland. Applied Geochemistry, 2009, 24, 1918-1926.	1.4	38
11	Concentration, sources and risk assessment of PAHs in bottom sediments. Environmental Science and Pollution Research, 2017, 24, 23180-23195.	2.7	34
12	Influence of Poultry Litter and Poultry Litter Biochar on Soil Microbial Respiration and Nitrifying Bacteria Activity. Waste and Biomass Valorization, 2018, 9, 379-389.	1.8	34
13	Effect of wheat and Miscanthus straw biochars on soil enzymatic activity, ecotoxicity, and plant yield. International Agrophysics, 2017, 31, 367-375.	0.7	27
14	The drought and high wet soil condition impact on PAH (phenanthrene) toxicity towards nitrifying bacteria. Journal of Hazardous Materials, 2019, 368, 274-280.	6.5	27
15	Assessment of soil quality after biochar application based on enzymatic activity and microbial composition. International Agrophysics, 2019, 33, 331-336.	0.7	23
16	Characterization of organic matter fractions in the top layer of soils under different land uses in Centralâ€Eastern Europe. Soil Use and Management, 2019, 35, 595-606.	2.6	22
17	Triad-based screening risk assessment of the agricultural area exposed to the long-term PAHs contamination. Environmental Geochemistry and Health, 2019, 41, 1369-1385.	1.8	21
18	Soil quality index for agricultural areas under different levels of anthropopressure. International Agrophysics, 2019, 33, 455-462.	0.7	21

#	Article	IF	Citations
19	Effect of Anthracene and Pyrene on Dehydrogenases Activity in Soils Exposed and Unexposed to PAHs. Water, Air, and Soil Pollution, 2003, 145, 169-186.	1.1	20
20	The levels and composition of persistent organic pollutants in alluvial agriculture soils affected by flooding. Environmental Monitoring and Assessment, 2013, 185, 9935-9948.	1.3	20
21	Relationship Between Soil Concentrations of PAHs and Their Regional Emission Indices. Water, Air, and Soil Pollution, 2010, 213, 319-330.	1.1	19
22	Ecotoxicological characteristics and ecological risk assessment of trace elements in the bottom sediments of the RoÅ¼nÃ³w reservoir (Poland). Ecotoxicology, 2020, 29, 45-57.	1.1	16
23	Ecotoxicological and chemical properties of the roÅ¼nÃ³w reservoir bottom sediment amended with various waste materials. Journal of Environmental Management, 2020, 273, 111176.	3.8	16
24	Influence of temperature on phenanthrene toxicity towards nitrifying bacteria in three soils with different properties. Environmental Pollution, 2016, 216, 911-918.	3.7	15
25	Distribution of polycyclic aromatic hydrocarbons (PAHs) in the bottom sediments of a dam reservoir, their interaction with organic matter and risk to benthic fauna. Journal of Soils and Sediments, 2021, 21, 2418-2431.	1.5	14
26	Mobility, ecotoxicity, bioaccumulation and sources of trace elements in the bottom sediments of the RoÅ¼nÃ³w reservoir. Environmental Geochemistry and Health, 2021, 43, 4701-4718.	1.8	12
27	Effects of Different Tillage Intensities on Physicochemical and Microbial Properties of a Eutric Fluvisol Soil. Agronomy, 2021, 11, 1497.	1.3	12
28	Effect of Flooding on Contamination of Agricultural Soils with Metals and PAHs: The Middle Vistula Gap Case Study. Water, Air, and Soil Pollution, 2012, 223, 687-697.	1.1	10
29	Effect of coapplication of poultry litter biochar and mineral fertilisers on soil quality and crop yield. Zemdirbyste, 2018, 105, 203-210.	0.3	9
30	Assessing the bioavailability of phenanthrene to soil microorganisms using the Tenax extraction method. Environmental Geochemistry and Health, 2008, 30, 183-186.	1.8	7
31	Screening Risk Assessment of Agricultural Areas under a High Level of Anthropopressure Based on Chemical Indexes and VIS-NIR Spectroscopy. Molecules, 2020, 25, 3151.	1.7	4
32	The multifactorial assessment of the Zn impact on high and low temperature stress towards wheat seedling growth under diverse moisture conditions (optimal and wet) in three soils. Journal of Hazardous Materials, 2021, 416, 126087.	6.5	4