

BoÅ¼ena Smreczak

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1903382/publications.pdf>

Version: 2024-02-01

42
papers

1,323
citations

361045

20
h-index

344852

36
g-index

42
all docs

42
docs citations

42
times ranked

1541
citing authors

#	ARTICLE	IF	CITATIONS
1	Habitat function of agricultural soils as affected by heavy metals and polycyclic aromatic hydrocarbons contamination. <i>Environment International</i> , 2003, 28, 719-728.	4.8	153
2	Monitoring of the total content of polycyclic aromatic hydrocarbons (PAHs) in arable soils in Poland. <i>Chemosphere</i> , 2008, 73, 1284-1291.	4.2	129
3	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. <i>Science of the Total Environment</i> , 2009, 407, 3746-3753.	3.9	123
4	Ecotoxicological Activity of Soils Polluted with Polycyclic Aromatic Hydrocarbons (PAHs) - Effect on Plants. <i>Environmental Technology (United Kingdom)</i> , 2000, 21, 1099-1110.	1.2	91
5	Soil organic matter composition as a factor affecting the accumulation of polycyclic aromatic hydrocarbons. <i>Journal of Soils and Sediments</i> , 2019, 19, 1890-1900.	1.5	86
6	Polish Soil Classification, 6th edition "principles, classification scheme and correlations. <i>Soil Science Annual</i> , 2019, 70, 71-97.	0.4	74
7	Genetic and Functional Diversity of Bacterial Microbiome in Soils With Long Term Impacts of Petroleum Hydrocarbons. <i>Frontiers in Microbiology</i> , 2018, 9, 1923.	1.5	73
8	Ecotoxic Effect of Phenanthrene on Nitrifying Bacteria in Soils of Different Properties. <i>Journal of Environmental Quality</i> , 2007, 36, 1635-1645.	1.0	54
9	The impact of selected soil organic matter fractions on the PAH accumulation in the agricultural soils from areas of different anthropopressure. <i>Environmental Science and Pollution Research</i> , 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. <i>Applied Geochemistry</i> , 2009, 24, 1918-1926.	1.4	38
11	Assessment of Pesticide Residue Content in Polish Agricultural Soils. <i>Molecules</i> , 2020, 25, 587.	1.7	36
12	Dissipation and sorption processes of polycyclic aromatic hydrocarbons (PAHs) to organic matter in soils amended by exogenous rich-carbon material. <i>Journal of Soils and Sediments</i> , 2020, 20, 836-849.	1.5	32
13	The Impact of Organic Matter on Polycyclic Aromatic Hydrocarbon (PAH) Availability and Persistence in Soils. <i>Molecules</i> , 2020, 25, 2470.	1.7	32
14	Expansion of Agriculture in Northern Cold-Climate Regions: A Cross-Sectoral Perspective on Opportunities and Challenges. <i>Frontiers in Sustainable Food Systems</i> , 2021, 5, .	1.8	30
15	Fungal Community, Metabolic Diversity, and Glomalin-Related Soil Proteins (GRSP) Content in Soil Contaminated With Crude Oil After Long-Term Natural Bioremediation. <i>Frontiers in Microbiology</i> , 2020, 11, 572314.	1.5	28
16	The drought and high wet soil condition impact on PAH (phenanthrene) toxicity towards nitrifying bacteria. <i>Journal of Hazardous Materials</i> , 2019, 368, 274-280.	6.5	27
17	Characterization of Soil Organic Matter Individual Fractions (Fulvic Acids, Humic Acids, and Humins) by Spectroscopic and Electrochemical Techniques in Agricultural Soils. <i>Agronomy</i> , 2021, 11, 1067.	1.3	26
18	Particle and structure characterization of fulvic acids from agricultural soils. <i>Journal of Soils and Sediments</i> , 2018, 18, 2833-2843.	1.5	24

#	ARTICLE	IF	CITATIONS
19	Characterization of organic matter fractions in the top layer of soils under different land uses in Central-Eastern Europe. <i>Soil Use and Management</i> , 2019, 35, 595-606.	2.6	22
20	Triad-based screening risk assessment of the agricultural area exposed to the long-term PAHs contamination. <i>Environmental Geochemistry and Health</i> , 2019, 41, 1369-1385.	1.8	21
21	Soil quality index for agricultural areas under different levels of anthropopressure. <i>International Agrophysics</i> , 2019, 33, 455-462.	0.7	21
22	The levels and composition of persistent organic pollutants in alluvial agriculture soils affected by flooding. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 9935-9948.	1.3	20
23	Relationship Between Soil Concentrations of PAHs and Their Regional Emission Indices. <i>Water, Air, and Soil Pollution</i> , 2010, 213, 319-330.	1.1	19
24	Residues of Persistent Organic Pollutants (POPs) in Agricultural Soils Adjacent to Historical Sources of Their Storage and Distribution – The Case Study of Azerbaijan. <i>Molecules</i> , 2020, 25, 1815.	1.7	16
25	Influence of temperature on phenanthrene toxicity towards nitrifying bacteria in three soils with different properties. <i>Environmental Pollution</i> , 2016, 216, 911-918.	3.7	15
26	Soil Bioavailability of Cadmium, Lead, and Zinc in Areas of Zn-Pb Ore Mining and Processing (Bukowno). <i>Tj ETQq0 0.0,rgBT /Overlock 10</i>	0.5	15
27	Impact of rhizobacterial inoculants on plant growth and enzyme activities in soil treated with contaminated bottom sediments. <i>International Journal of Phytoremediation</i> , 2019, 21, 325-333.	1.7	11
28	Effect of Flooding on Contamination of Agricultural Soils with Metals and PAHs: The Middle Vistula Gap Case Study. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 687-697.	1.1	10
29	Polycyclic aromatic hydrocarbons (PAH) in agricultural soils in Eastern Poland. <i>Toxicological and Environmental Chemistry</i> , 1998, 66, 53-58.	0.6	7
30	Assessing the bioavailability of phenanthrene to soil microorganisms using the Tenax extraction method. <i>Environmental Geochemistry and Health</i> , 2008, 30, 183-186.	1.8	7
31	Content of PAHs, activities of ^{137}Cs -radionuclides and ecotoxicological assessment in biochars. <i>Polish Journal of Chemical Technology</i> , 2016, 18, 27-35.	0.3	7
32	Changes of PAHs and C humic fractions in composts with sewage sludge and biochar amendment. , 0, 97, 234-243.		7
33	Dissolved organic matter in agricultural soils. <i>Soil Science Annual</i> , 2021, , .	0.4	6
34	Soil types specified in the bonitation classification and their analogues in the sixth edition of the Polish Soil Classification. <i>Soil Science Annual</i> , 2019, 70, 115-136.	0.4	5
35	Changes of Soil Microbial Properties in the Course of Pah Dissipation in Soils Artificially Contaminated with These Compounds. <i>Polycyclic Aromatic Compounds</i> , 2003, 23, 1-21.	1.4	4
36	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. <i>Journal of Hazardous Materials</i> , 2021, 416, 126087.	6.5	4

#	ARTICLE	IF	CITATIONS
37	Proposal of the correlation between cartographic units on the agricultural soil map and types and subtypes of Polish Soil Classification (6th edition, 2019). Soil Science Annual, 2019, 70, 98-114.	0.4	3
38	Influence of type and rate of biochar on productivity of winter wheat. , 2019, , .		2
39	Agricultural suitability of rendzinas in Poland. Soil Science Annual, 2018, 69, 142-151.	0.4	2
40	Agricultural suitability and land use of chernozems in Poland. Soil Science Annual, 2019, 70, 270-280.	0.4	2
41	In memory of Professor Alina Kabata-Pendias (1929â€“2019). Soil Science Annual, 2019, 70, 64-68.	0.4	0
42	Agricultural use of rusty soils in Poland. Soil Science Annual, 2022, 72, 1-11.	0.4	0