

BoÅ¼ena Smreczak

List of Publications by Year in descending order

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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	Agricultural use of rusty soils in Poland. <i>Soil Science Annual</i> , 2022, 72, 1-11.	0.4	0
2	Dissolved organic matter in agricultural soils. <i>Soil Science Annual</i> , 2021, , .	0.4	6
3	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
4	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
5	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
6	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
7	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
8	The Impact of Organic Matter on Polycyclic Aromatic Hydrocarbon (PAH) Availability and Persistence in Soils. <i>Molecules</i> , 2020, 25, 2470.	1.7	32
9	Residues of Persistent Organic Pollutants (POPs) in Agricultural Soils Adjacent to Historical Sources of Their Storage and Distributionâ€”The Case Study of Azerbaijan. <i>Molecules</i> , 2020, 25, 1815.	1.7	16
10	Assessment of Pesticide Residue Content in Polish Agricultural Soils. <i>Molecules</i> , 2020, 25, 587.	1.7	36
11	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
12	Characterization of organic matter fractions in the top layer of soils under different land uses in Centralâ€”Eastern Europe. <i>Soil Use and Management</i> , 2019, 35, 595-606.	2.6	22
13	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
14	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
15	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
16	Soil Bioavailability of Cadmium, Lead, and Zinc in Areas of Zn-Pb Ore Mining and Processing (Bukowno,) Tj ETQq0 0,0,rgBT /Overlock 10	0.5	15
17	Influence of type and rate of biochar on productivity of winter wheat. , 2019, , .		2
18	Polish Soil Classification, 6th edition â€” principles, classification scheme and correlations. <i>Soil Science Annual</i> , 2019, 70, 71-97.	0.4	74

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19	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
20	Soil quality index for agricultural areas under different levels of anthropopressure. <i>International Agrophysics</i> , 2019, 33, 455-462.	0.7	21
21	In memory of Professor Alina Kabata-Pendias (1929–2019). <i>Soil Science Annual</i> , 2019, 70, 64-68.	0.4	0
22	Proposal of the correlation between cartographic units on the agricultural soil map and types and subtypes of Polish Soil Classification (6th edition, 2019). <i>Soil Science Annual</i> , 2019, 70, 98-114.	0.4	3
23	Agricultural suitability and land use of chernozems in Poland. <i>Soil Science Annual</i> , 2019, 70, 270-280.	0.4	2
24	Particle and structure characterization of fulvic acids from agricultural soils. <i>Journal of Soils and Sediments</i> , 2018, 18, 2833-2843.	1.5	24
25	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
26	Agricultural suitability of rendzinas in Poland. <i>Soil Science Annual</i> , 2018, 69, 142-151.	0.4	2
27	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
28	Content of PAHs, activities of ¹³⁷ I-radionuclides and ecotoxicological assessment in biochars. <i>Polish Journal of Chemical Technology</i> , 2016, 18, 27-35.	0.3	7
29	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
30	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
31	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
32	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
33	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
34	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
35	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
36	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

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37	Ecotoxic Effect of Phenanthrene on Nitrifying Bacteria in Soils of Different Properties. Journal of Environmental Quality, 2007, 36, 1635-1645.	1.0	54
38	Habitat function of agricultural soils as affected by heavy metals and polycyclic aromatic hydrocarbons contamination. Environment International, 2003, 28, 719-728.	4.8	153
39	Changes of Soil Microbial Properties in the Course of Pah Dissipation in Soils Artificially Contaminated with These Compounds. Polycyclic Aromatic Compounds, 2003, 23, 1-21.	1.4	4
40	Ecotoxicological Activity of Soils Polluted with Polycyclic Aromatic Hydrocarbons (PAHs) - Effect on Plants. Environmental Technology (United Kingdom), 2000, 21, 1099-1110.	1.2	91
41	Polycyclic aromatic hydrocarbons (PAH) in agricultural soils in Eastern Poland. Toxicological and Environmental Chemistry, 1998, 66, 53-58.	0.6	7
42	Changes of PAHs and C humic fractions in composts with sewage sludge and biochar amendment. , 0, 97, 234-243.		7