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List of Publications by Year in descending order

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38
papers

733
citations

566801

15
h-index

552369

26
g-index

38
all docs

38
docs citations

38
times ranked

927
citing authors

#	ARTICLE	IF	CITATIONS
1	Arsenic and antimony contamination of waters, stream sediments and soils in the vicinity of abandoned antimony mines in the Western Carpathians, Slovakia. <i>Applied Geochemistry</i> , 2012, 27, 598-614.	1.4	158
2	The formation, structure, and ageing of As-rich hydrous ferric oxide at the abandoned Sb deposit Pezinok (Slovakia). <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 4206-4220.	1.6	74
3	Potential Risk of Arsenic and Antimony Accumulation by Medicinal Plants Naturally Growing on Old Mining Sites. <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1.	1.1	51
4	Metals in the Surface Sediments of Selected Water Reservoirs, Slovakia. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2010, 84, 635-640.	1.3	45
5	Geochemical and mineralogical characterization of a neutral, low-sulfide/high-carbonate tailings impoundment, Markušovce, eastern Slovakia. <i>Environmental Science and Pollution Research</i> , 2013, 20, 7627-7642.	2.7	41
6	Polycyclic aromatic hydrocarbons in urban soils from kindergartens and playgrounds in Bratislava, the capital city of Slovakia. <i>Environmental Earth Sciences</i> , 2015, 73, 7147-7156.	1.3	39
7	Concentrations, distributions, and sources of polychlorinated biphenyls and polycyclic aromatic hydrocarbons in bed sediments of the water reservoirs in Slovakia. <i>Environmental Monitoring and Assessment</i> , 2011, 173, 883-897.	1.3	32
8	Mineralogy, geochemistry, and arsenic speciation in coal combustion waste from Nováky, Slovakia. <i>Fuel</i> , 2012, 94, 125-136.	3.4	24
9	Occurrence of selected trace metals and their oral bioaccessibility in urban soils of kindergartens and parks in Bratislava (Slovak Republic) as evaluated by simple in vitro digestion procedure. <i>Ecotoxicology and Environmental Safety</i> , 2017, 144, 611-621.	2.9	19
10	Total mercury, chromium, nickel and other trace chemical element contents in soils at an old cinnabar mine site (Mernáky, Slovakia): anthropogenic versus natural sources of soil contamination. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 263.	1.3	19
11	Natural attenuation of antimony and arsenic in soils at the abandoned Sb-deposit Poproč, Slovakia. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	1.3	19
12	Contaminated soils of different natural pH and industrial origin: The role of (nano) iron- and manganese-based amendments in As, Sb, Pb, and Zn leachability. <i>Environmental Pollution</i> , 2021, 285, 117268.	3.7	19
13	Autochthonous Microbiota in Arsenic-Bearing Technosols from Zemianske Kostolany (Slovakia) and Its Potential for Bioleaching and Biovolatilization of Arsenic. <i>Water, Air, and Soil Pollution</i> , 2016, 227, 1.	1.1	17
14	Arsenic Concentrations in Soils Impacted by Dam Failure of Coal-Ash Pond in Zemianske Kostolany, Slovakia. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2011, 86, 433-437.	1.3	15
15	Removal of antimony and arsenic from circum-neutral mine drainage in Poproč, Slovakia: a field treatment system using low-cost iron-based material. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	15
16	Occurrence and distribution of selected potentially toxic elements in soils of playing sites: a case study from Bratislava, the capital of Slovakia. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	13
17	Arsenic mobility from anthropogenic impoundment sediments – Consequences of contamination to biota, water and sediments, Poľana, Eastern Slovakia. <i>Applied Geochemistry</i> , 2009, 24, 2175-2185.	1.4	12
18	Geochemistry of Mine Tailings from Processing of Siderite–Cu Ores and Mobility of Selected Metals and Metalloids Evaluated by a Pot Leaching Experiment at the Slovinky Impoundment, Eastern Slovakia. <i>Mine Water and the Environment</i> , 2016, 35, 447-461.	0.9	12

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19	Geochemical characterization of arsenic-rich coal-combustion ashes buried under agricultural soils and the release of arsenic. <i>Applied Geochemistry</i> , 2013, 33, 153-164.	1.4	11
20	Concentrations of selected trace elements in surface soils near crossroads in the city of Bratislava (the Slovak Republic). <i>Environmental Science and Pollution Research</i> , 2021, 28, 5455-5471.	2.7	11
21	Innovative in situ remediation of mine waters using a layered double hydroxide-biochar composite. <i>Journal of Hazardous Materials</i> , 2022, 424, 127136.	6.5	11
22	Metal(loid) concentrations, bioaccessibility and stable lead isotopes in soils and vegetables from urban community gardens. <i>Chemosphere</i> , 2022, 305, 135499.	4.2	11
23	MINERALOGY OF NEUTRAL MINE DRAINAGE IN THE TAILINGS OF SIDERITE-Cu ORES IN EASTERN SLOVAKIA. <i>Canadian Mineralogist</i> , 2014, 52, 779-798.	0.3	10
24	Polycyclic Aromatic Hydrocarbons in Bottom Sediments from Three Water Reservoirs, Slovakia. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2009, 83, 444-448.	1.3	9
25	Trace elements in two particle size fractions of urban soils collected from playgrounds in Bratislava (Slovakia). <i>Environmental Geochemistry and Health</i> , 2020, 42, 3925-3947.	1.8	9
26	Occurrence of selected organochlorine pesticide residues in surface sediments from the Velke Kozmalovce, Ruzin, and Zemplinska Sirava water reservoirs, Slovakia. <i>Journal of Hydrology and Hydromechanics</i> , 2011, 59, .	0.7	7
27	Arsenic in Playground Soils from Kindergartens and Green Recreational Areas of Bratislava City (Slovakia): Occurrence and Gastric Bioaccessibility. <i>Archives of Environmental Contamination and Toxicology</i> , 2018, 75, 402-414.	2.1	7
28	Differences in health status of Slovak municipalities supplied with drinking water of different hardness values. <i>Environmental Geochemistry and Health</i> , 2020, 43, 2665-2677.	1.8	7
29	Sixteen priority polycyclic aromatic hydrocarbons in roadside soils at traffic light intersections (Bratislava, Slovakia): concentrations, sources and influencing factors. <i>Environmental Geochemistry and Health</i> , 2022, 44, 3473-3492.	1.8	4
30	Arsenic and zinc in impoundment materials and related stream sediments from a polluted area in Eastern Slovakia: distribution, mobility, and water quality. <i>Journal of Hydrology and Hydromechanics</i> , 2009, 57, .	0.7	3
31	Occurrence and uptake of heavy metals by selected terrestrial orchids in extreme conditions of initial soils on previous mining sites. <i>Biologia (Poland)</i> , 2021, 76, 2113.	0.8	3
32	Arsenic ashy soils in Central Slovakia and their chemical and microbiological properties. <i>Monatshefte für Chemie</i> , 2017, 148, 593-600.	0.9	2
33	Environmental Availability of Trace Metals (Mercury, Chromium and Nickel) in Soils from the Abandoned Mine Area of MernÄk (Eastern Slovakia). <i>Polish Journal of Environmental Studies</i> , 2021, 30, 5013-5025.	0.6	2
34	GEOCHEMICAL CHARACTERIZATION AND EVALUATION OF A NEUTRAL, LOW-SULFIDE / HIGH-CARBONATE TAILINGS IMPOUNDMENT, MARKUSOVCE (SLOVAKIA). , 2013, , .		1
35	POTENCIAL OF ASPERGILLUS NIGER IN BIOREMEDIATION OF CONTAMINATED SOILS. , 2013, , .		1
36	DETERMINATION OF INDEX OF BIOAVAILABILITY AND BIOACCUMULATION COEFFICIENT FOR AS AND ZN - ANTHROPOGENIC SEDIMENT FROM IMPOUNDMENTS. , 2010, , .		0

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37	POTENTIAL MINING WASTE FROM AU-PORPHYRY DEPOSIT BIELY VRCH (SLOVAKIA). , 2013, , .		0
38	CONCEPT PROPOSAL OF PILOT REMEDIATION TREATMENT OF MINE WATERS ON ABANDONED SB DEPOSIT POPROC. , 2013, , .		0