NÃºria Roca

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8029341/publications.pdf

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35	741	471371	552653
papers	citations	17	26
		h-index	g-index

35	35	35	964
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Shoot accumulation of several trace elements in native plant species from contaminated soils in the Peruvian Andes. Journal of Geochemical Exploration, 2012, 113, 106-111.	1.5	65
2	Accumulation of Pb and Zn in Bidens triplinervia and Senecio sp. spontaneous species from mine spoils in Peru and their potential use in phytoremediation. Journal of Geochemical Exploration, 2012, 123, 109-113.	1.5	62
3	Accumulation of antimony and other potentially toxic elements in plants around a former antimony mine located in the Ribes Valley (Eastern Pyrenees). Journal of Geochemical Exploration, 2012, 113, 100-105.	1.5	60
4	Screening for new accumulator plants in potential hazards elements polluted soil surrounding Peruvian mine tailings. Catena, 2016, 136, 66-73.	2.2	50
5	Environmental impact of disposal of coal mining wastes on soils and plants in Rostov Oblast, Russia. Journal of Geochemical Exploration, 2018, 184, 261-270.	1.5	47
6	Sources analysis and health risk assessment of trace elements in urban soils of Hualpen, Chile. Catena, 2019, 175, 304-316.	2.2	42
7	Distinguishing between natural and anthropogenic sources for potentially toxic elements in urban soils of Talcahuano, Chile. Journal of Soils and Sediments, 2018, 18, 2335-2349.	1.5	36
8	Mineralogical and Thermal Characterization of Kaolinitic Clays from Terra Alta (Catalonia, Spain). Minerals (Basel, Switzerland), 2020, 10, 142.	0.8	35
9	An assessment of the potentially hazardous element contamination in urban soils of Arica, Chile. Journal of Geochemical Exploration, 2018, 184, 345-357.	1.5	33
10	Background levels of potentially toxic elements in soils: A case study in Catamarca (a semiarid region) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.2	32
11	Spatial distribution of potentially harmful elements in urban soils, city of Talcahuano, Chile. Journal of Geochemical Exploration, 2018, 184, 333-344.	1.5	31
12	Assessment of heavy metal tolerance in two plant species growing in experimental disturbed polluted urban soil. Journal of Soils and Sediments, 2018, 18, 2305-2317.	1.5	31
13	Trace element concentrations in schoolyard soils from the port city of Talcahuano, Chile. Journal of Geochemical Exploration, 2014, 147, 229-236.	1.5	29
14	Soil and plant contamination by lead mining in Bellmunt (Western Mediterranean Area). Journal of Geochemical Exploration, 2012, 113, 94-99.	1.5	28
15	A comparative study of the accumulation of trace elements in Brassicaceae plant species with phytoremediation potential. Applied Geochemistry, 2019, 108, 104377.	1.4	26
16	The relationship between WRB soil units and heavy metals content in soils of Catamarca (Argentina). Journal of Geochemical Exploration, 2008, 96, 77-85.	1.5	21
17	Selenium and other trace element in phosphorites: A comparison between those of the Bayovar-Sechura and other provenances. Journal of Geochemical Exploration, 2010, 107, 146-160.	1.5	18
18	Influence of parent material and soil use on arsenic forms in soils: A case study in the AmblÃ©s Valley (Castilla-LeÃ³n, Spain). Journal of Geochemical Exploration, 2014, 147, 260-267.	1.5	18

#	Article	IF	Citations
19	The influence of the industrial area on the pollution outside its borders: a case study from Quintero and Puchuncavi districts, Chile. Environmental Geochemistry and Health, 2020, 42, 2557-2572.	1.8	14
20	Potentially toxic elements concentrations in schoolyard soils in the city of Coronel, Chile. Environmental Geochemistry and Health, 2022, 44, 1521-1535.	1.8	9
21	Remediation of Potentially Toxic Elements in Contaminated Soils. , 2014, , 253-308.		9
22	Relationship of the mobile forms of calcium and strontium in soils with their accumulation in meadow plants in the area of Kashinâ€“Beck endemia. Environmental Geochemistry and Health, 2020, 42, 159-171.	1.8	8
23	Element Accumulation Patterns of Native Plant Species under the Natural Geochemical Stress. Plants, 2021, 10, 33.	1.6	6
24	Distribution of potentially harmful elements in attic dust from the City of Coronel (Chile). Environmental Geochemistry and Health, 2022, 44, 1377-1386.	1.8	6
25	Hazardous Element Accumulation in Soils and Native Plants in Areas Affected by Mining Activities in South America. , 2017, , 419-461.		4
26	Accumulation of potentially toxic elements by plants of North Caucasian Alyssum species and their molecular phylogenetic analysis. Environmental Geochemistry and Health, 2021, 43, 1617-1628.	1.8	4
27	Soil classification maps: A valuable tool for learning, interpreting and transferring soil knowledge. Catena, 2019, 180, 103-109.	2.2	3
28	The Use of Tailings to Make Glass as an Alternative for Sustainable Environmental Remediation:
The Case of Osor, Catalonia, Spain. Minerals (Basel, Switzerland), 2020, 10, 819.	0.8	3
29	Short and Long-Term Effect of Land Use and Management on Soil Organic Carbon Stock in Semi-Desert Areas of North Africa-Tunisia. Agriculture (Switzerland), 2021, 11, 1267.	1.4	3
30	A study of trace elements in plants of the Polar Urals and Chukotka in the search for metallophyte hyperaccumulators. Geochemistry: Exploration, Environment, Analysis, 2019, 19, 138-145.	0.5	2
31	Research of reclamation of polluted mine soils by native metallophytes: some cases. Geochemistry: Exploration, Environment, Analysis, 2019, 19, 164-170.	0.5	2
32	Impacts of Use and Abuse of Nature in Catalonia with Proposals for Sustainable Management. Land, 2021, 10, 144.	1.2	2
33	Trainee Teacher Experience in Geoscience Education: Can We Do Better?. Geoheritage, 2020, 12, 1.	1.5	1
34	Fabrication of glass-based products as remediation alternative for contaminated urban soils of Barcelona. Materials Letters, 2021, 305, 130741.	1.3	1
35	Distribution of Heavy Metals in the Commune of Coronel, Chile. Minerals (Basel, Switzerland), 2022, 12, 320.	0.8	0