

Nria Roca

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

35
papers

528
citations

15
h-index

22
g-index

35
ext. papers

613
ext. citations

3.8
avg. IF

3.88
L-index

#	Paper	IF	Citations
35	Accumulation of Pb and Zn in <i>Bidens triplinervia</i> and <i>Senecio</i> sp. spontaneous species from mine spoils in Peru and their potential use in phytoremediation. <i>Journal of Geochemical Exploration</i> , 2012 , 123, 109-113	3.8	56
34	Shoot accumulation of several trace elements in native plant species from contaminated soils in the Peruvian Andes. <i>Journal of Geochemical Exploration</i> , 2012 , 113, 106-111	3.8	53
33	Accumulation of antimony and other potentially toxic elements in plants around a former antimony mine located in the Ribes Valley (Eastern Pyrenees). <i>Journal of Geochemical Exploration</i> , 2012 , 113, 100-105	3.8	51
32	Screening for new accumulator plants in potential hazards elements polluted soil surrounding Peruvian mine tailings. <i>Catena</i> , 2016 , 136, 66-73	5.8	38
31	Environmental impact of disposal of coal mining wastes on soils and plants in Rostov Oblast, Russia. <i>Journal of Geochemical Exploration</i> , 2018 , 184, 261-270	3.8	29
30	Trace element concentrations in schoolyard soils from the port city of Talcahuano, Chile. <i>Journal of Geochemical Exploration</i> , 2014 , 147, 229-236	3.8	26
29	Soil and plant contamination by lead mining in Bellmunt (Western Mediterranean Area). <i>Journal of Geochemical Exploration</i> , 2012 , 113, 94-99	3.8	26
28	Background levels of potentially toxic elements in soils: A case study in Catamarca (a semiarid region in Argentina). <i>Catena</i> , 2012 , 92, 55-66	5.8	25
27	Sources analysis and health risk assessment of trace elements in urban soils of Hualpen, Chile. <i>Catena</i> , 2019 , 175, 304-316	5.8	25
26	Distinguishing between natural and anthropogenic sources for potentially toxic elements in urban soils of Talcahuano, Chile. <i>Journal of Soils and Sediments</i> , 2018 , 18, 2335-2349	3.4	24
25	Spatial distribution of potentially harmful elements in urban soils, city of Talcahuano, Chile. <i>Journal of Geochemical Exploration</i> , 2018 , 184, 333-344	3.8	23
24	Assessment of heavy metal tolerance in two plant species growing in experimental disturbed polluted urban soil. <i>Journal of Soils and Sediments</i> , 2018 , 18, 2305-2317	3.4	23
23	An assessment of the potentially hazardous element contamination in urban soils of Arica, Chile. <i>Journal of Geochemical Exploration</i> , 2018 , 184, 345-357	3.8	20
22	Influence of parent material and soil use on arsenic forms in soils: A case study in the Ambler Valley (Castilla-León, Spain). <i>Journal of Geochemical Exploration</i> , 2014 , 147, 260-267	3.8	16
21	Selenium and other trace element in phosphorites: A comparison between those of the Bayovar-Sechura and other provenances. <i>Journal of Geochemical Exploration</i> , 2010 , 107, 146-160	3.8	16
20	Mineralogical and Thermal Characterization of Kaolinitic Clays from Terra Alta (Catalonia, Spain). <i>Minerals (Basel, Switzerland)</i> , 2020 , 10, 142	2.4	15
19	The relationship between WRB soil units and heavy metals content in soils of Catamarca (Argentina). <i>Journal of Geochemical Exploration</i> , 2008 , 96, 77-85	3.8	14

18	A comparative study of the accumulation of trace elements in Brassicaceae plant species with phytoremediation potential. <i>Applied Geochemistry</i> , 2019 , 108, 104377	3.5	13
17	Remediation of Potentially Toxic Elements in Contaminated Soils 2014 , 253-308		6
16	The influence of the industrial area on the pollution outside its borders: a case study from Quintero and Puchuncavi districts, Chile. <i>Environmental Geochemistry and Health</i> , 2020 , 42, 2557-2572	4.7	6
15	Soil classification maps: A valuable tool for learning, interpreting and transferring soil knowledge. <i>Catena</i> , 2019 , 180, 103-109	5.8	3
14	Hazardous Element Accumulation in Soils and Native Plants in Areas Affected by Mining Activities in South America 2017 , 419-461		3
13	Potentially toxic elements concentrations in schoolyard soils in the city of Coronel, Chile. <i>Environmental Geochemistry and Health</i> , 2021 , 1	4.7	3
12	Accumulation of potentially toxic elements by plants of North Caucasian Alyssum species and their molecular phylogenetic analysis. <i>Environmental Geochemistry and Health</i> , 2021 , 43, 1617-1628	4.7	3
11	The Use of Tailings to Make Glass as an Alternative for Sustainable Environmental Remediation: The Case of Osor, Catalonia, Spain. <i>Minerals (Basel, Switzerland)</i> , 2020 , 10, 819	2.4	2
10	Impacts of Use and Abuse of Nature in Catalonia with Proposals for Sustainable Management. <i>Land</i> , 2021 , 10, 144	3.5	2
9	A study of trace elements in plants of the Polar Urals and Chukotka in the search for metallophyte hyperaccumulators. <i>Geochemistry: Exploration, Environment, Analysis</i> , 2019 , 19, 138-145	1.8	1
8	Distribution of potentially harmful elements in attic dust from the City of Coronel (Chile).. <i>Environmental Geochemistry and Health</i> , 2022 , 44, 1377	4.7	1
7	Element Accumulation Patterns of Native Plant Species under the Natural Geochemical Stress. <i>Plants</i> , 2020 , 10,	4.5	1
6	Trainee Teacher Experience in Geoscience Education: Can We Do Better?. <i>Geoheritage</i> , 2020 , 12, 1	2.6	1
5	Research of reclamation of polluted mine soils by native metallophytes: some cases. <i>Geochemistry: Exploration, Environment, Analysis</i> , 2019 , 19, 164-170	1.8	1
4	Relationship of the mobile forms of calcium and strontium in soils with their accumulation in meadow plants in the area of Kashin-Beck endemia. <i>Environmental Geochemistry and Health</i> , 2020 , 42, 159-171	4.7	1
3	Fabrication of glass-based products as remediation alternative for contaminated urban soils of Barcelona. <i>Materials Letters</i> , 2021 , 305, 130741	3.3	1
2	Short and Long-Term Effect of Land Use and Management on Soil Organic Carbon Stock in Semi-Desert Areas of North Africa-Tunisia. <i>Agriculture (Switzerland)</i> , 2021 , 11, 1267	3	0
1	Distribution of Heavy Metals in the Commune of Coronel, Chile. <i>Minerals (Basel, Switzerland)</i> , 2022 , 12, 320	2.4	

