

Ana Romero-Freire

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

800
citations

516710

16
h-index

501196

28
g-index

33
all docs

33
docs citations

33
times ranked

1219
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of remediation techniques in soils affected by residual contamination with heavy metals and arsenic. <i>Journal of Environmental Management</i> , 2017, 191, 228-236.	7.8	77
2	Effects of aging and soil properties on zinc oxide nanoparticle availability and its ecotoxicological effects to the earthworm <i>Eisenia andrei</i> . <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 137-146.	4.3	72
3	Toxicity of arsenic in relation to soil properties: implications to regulatory purposes. <i>Journal of Soils and Sediments</i> , 2014, 14, 968-979.	3.0	71
4	Effect of soil properties on the toxicity of Pb: Assessment of the appropriateness of guideline values. <i>Journal of Hazardous Materials</i> , 2015, 289, 46-53.	12.4	67
5	Assessment of baseline ecotoxicity of sediments from a prospective mining area enriched in light rare earth elements. <i>Science of the Total Environment</i> , 2018, 612, 831-839.	8.0	52
6	Assessment of the toxic effects of mixtures of three lanthanides (Ce, Gd, Lu) to aquatic biota. <i>Science of the Total Environment</i> , 2019, 661, 276-284.	8.0	49
7	Long-term contamination in a recovered area affected by a mining spill. <i>Science of the Total Environment</i> , 2015, 514, 219-223.	8.0	40
8	Long-term toxicity assessment of soils in a recovered area affected by a mining spill. <i>Environmental Pollution</i> , 2016, 208, 553-561.	7.5	40
9	Is soil basal respiration a good indicator of soil pollution?. <i>Geoderma</i> , 2016, 263, 132-139.	5.1	38
10	Influence of soil properties on the bioaccumulation and effects of arsenic in the earthworm <i>Eisenia andrei</i> . <i>Environmental Science and Pollution Research</i> , 2015, 22, 15016-15028.	5.3	36
11	Effects of thinning on litterfall were found after years in a <i>Pinus halepensis</i> afforestation area at tree and stand levels. <i>Forest Ecology and Management</i> , 2013, 289, 354-362.	3.2	35
12	Interactions of arsenic, copper, and zinc in soil-plant system: Partition, uptake and phytotoxicity. <i>Science of the Total Environment</i> , 2020, 745, 140926.	8.0	27
13	Less-Studied Technology-Critical Elements (Nb, Ta, Ga, In, Ge, Te) in the Marine Environment: Review on Their Concentrations in Water and Organisms. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	23
14	Novel Multi-isotope Tracer Approach To Test ZnO Nanoparticle and Soluble Zn Bioavailability in Joint Soil Exposures. <i>Environmental Science & Technology</i> , 2017, 51, 12756-12763.	10.0	21
15	Long-term Effects of Pine Plantations on Soil Quality in Southern Spain. <i>Land Degradation and Development</i> , 2016, 27, 1709-1720.	3.9	20
16	Effectiveness of ecotoxicological tests in relation to physicochemical properties of Zn and Cu polluted Mediterranean soils. <i>Geoderma</i> , 2019, 338, 259-268.	5.1	19
17	Soil-color changes by sulfurization induced from a pyritic surface sediment. <i>Catena</i> , 2015, 135, 173-183.	5.0	18
18	Trace metal accumulation in the commercial mussel <i>M. galloprovincialis</i> under future climate change scenarios. <i>Marine Chemistry</i> , 2020, 224, 103840.	2.3	15

#	ARTICLE	IF	CITATIONS
19	Coherent toxicity prediction framework for deciphering the joint effects of rare earth metals (La and Tj ETQq1 1 0.784314 rgBT /Over	8.2	10
20	Cytotoxicity and genotoxicity of lanthanides for <i>Vicia faba</i> L. are mediated by their chemical speciation in different exposure media. <i>Science of the Total Environment</i> , 2021, 790, 148223.	8.0	9
21	Effect of grain size and heavy metals on As immobilization by marble particles. <i>Environmental Science and Pollution Research</i> , 2015, 22, 6835-6841.	5.3	8
22	Arsenic Fixation in Polluted Soils by Peat Applications. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 968.	2.0	8
23	Do essential elements (P and Fe) have mitigation roles in the toxicity of individual and binary mixture of yttrium and cerium to <i>Triticum aestivum</i> ?. <i>Journal of Hazardous Materials</i> , 2021, 416, 125761.	12.4	8
24	Incorporation of chemical and toxicological availability into metal mixture toxicity modeling: State of the art and future perspectives. <i>Critical Reviews in Environmental Science and Technology</i> , 2022, 52, 1730-1772.	12.8	8
25	Biogeochemical Cycle of Lanthanides in a Light Rare Earth Element-Enriched Geological Area (Quebec,) Tj ETQq1 1 0.784314 rgBT /Over	2.0	7
26	Chemical stabilization of organic carbon in agricultural soils in a semi-arid region (SE Spain). <i>Journal of Agricultural Science</i> , 2016, 154, 87-97.	1.3	6
27	Pollution of Pb in Soils Affected by Pyrite Tailings: Influence of Soil Properties. , 2014, , .		5
28	Elemental Concentration in Serpentinic Soils over Ultramafic Bedrock in Sierra Bermeja (Southern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.0	5
29	Assessment of arsenic toxicity in spiked soils and water solutions by the use of bioassays .. <i>Spanish Journal of Soil Science</i> , 0, 2, .	0.0	3
30	Arsenic Behaviour in Polluted Soils After Remediation Activities. , 0, , .		1
31	Profiling metal contamination from ultramafic sediments to biota along the Albanian shoreline of Lake Ohrid (Albania/Macedonia). <i>Journal of Environmental Management</i> , 2021, 291, 112726.	7.8	1
32	Implications of kinetically-hindered metals in ecotoxicological studies: Effect of platinum spike aging on its toxicity to <i>Dunaliella salina</i> . <i>Ecotoxicology and Environmental Safety</i> , 2021, 227, 112924.	6.0	1
33	Editorial for Special Issue "Elemental Concentration and Pollution in Soil, Water, and Sediment" Minerals (Basel, Switzerland), 2022, 12, 338.	2.0	0