

Ana Romero-Freire

List of Publications by Year in descending order

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33
papers

800
citations

516710

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501196

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33
docs citations

33
times ranked

1219
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | 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 |
| 2 | Editorial for Special Issue "Elemental Concentration and Pollution in Soil, Water, and Sediment". <i>Minerals</i> (Basel, Switzerland), 2022, 12, 338. | 2.0 | 0 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | Arsenic Fixation in Polluted Soils by Peat Applications. <i>Minerals</i> (Basel, Switzerland), 2020, 10, 968. | 2.0 | 8 |
| 9 | 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 |
| 10 | Coherent toxicity prediction framework for deciphering the joint effects of rare earth metals (La and Tj ETQq0 0 0 rgBT /Overlock 10 Tf | 8.2 | 10 |
| 11 | 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 |
| 12 | 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 |
| 13 | Biogeochemical Cycle of Lanthanides in a Light Rare Earth Element-Enriched Geological Area (Quebec,) Tj ETQq1 1 0.784314 rgBT /Ov | 2.0 | 14 |
| 14 | 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 |
| 15 | 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 |
| 16 | Elemental Concentration in Serpentinic Soils over Ultramafic Bedrock in Sierra Bermeja (Southern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 | 2.0 | 5 |
| 17 | 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 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | 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 |
| 22 | 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 |
| 23 | Is soil basal respiration a good indicator of soil pollution?. <i>Geoderma</i> , 2016, 263, 132-139. | 5.1 | 38 |
| 24 | Soil-color changes by sulfuricization induced from a pyritic surface sediment. <i>Catena</i> , 2015, 135, 173-183. | 5.0 | 18 |
| 25 | 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 |
| 26 | 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 |
| 27 | 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 |
| 28 | 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 |
| 29 | Pollution of Pb in Soils Affected by Pyrite Tailings: Influence of Soil Properties. , 2014, , . | | 5 |
| 30 | 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 |
| 31 | 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 |
| 32 | Arsenic Behaviour in Polluted Soils After Remediation Activities. , 0, , . | | 1 |
| 33 | 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 |