Andrs Rodrguez-Seijo

List of Publications by Citations

32 papers	864 citations	15 h-index	29 g-index
33 ext. papers	1,111 ext. citations	5.4 avg, IF	4.65 L-index

#	Paper	IF	Citations
32	Histopathological and molecular effects of microplastics in Eisenia andrei Bouch*Environmental Pollution*, **2017**, 220, 495-503	9.3	252
31	Sequential extraction of heavy metals in soils from a copper mine: Distribution in geochemical fractions. *Geoderma*, **2014**, 230-231, 108-118	6.7	84
30	Oxidative stress, energy metabolism and molecular responses of earthworms (Eisenia fetida) exposed to low-density polyethylene microplastics. *Environmental Science and Pollution Research*, **2018**, 25, 33599-33610	5.1	81
29	Low-density polyethylene microplastics as a source and carriers of agrochemicals to soil and earthworms. *Environmental Chemistry*, **2019**, 16, 8	3.2	73
28	Origin and spatial distribution of metals in urban soils. *Journal of Soils and Sediments*, **2017**, 17, 1514-1526	3.4	37
27	Soil Science Challenges in a New Era: A Transdisciplinary Overview of Relevant Topics. *Air, Soil and Water Research*, **2020**, 13, 117862212097749	3.3	34
26	Cobalt, chromium and nickel contents in soils and plants from a serpentinite quarry. *Solid Earth*, **2015**, 6, 323-335	3.3	31
25	Morphological and Physical Characterization of Microplastics. *Comprehensive Analytical Chemistry*, **2017**, 75, 49-66	1.9	29
24	Pb pollution in soils from a trap shooting range and the phytoremediation ability of Agrostis capillaris L. *Environmental Science and Pollution Research*, **2016**, 23, 1312-23	5.1	28
23	Lead and PAHs contamination of an old shooting range: A case study with a holistic approach. *Science of the Total Environment*, **2017**, 575, 367-377	10.2	28
22	Copper, Chromium, Nickel, Lead and Zinc Levels and Pollution Degree in Firing Range Soils. *Land Degradation and Development*, **2016**, 27, 1721-1730	4.4	25
21	Ability of Cytisus scoparius for phytoremediation of soils from a Pb/Zn mine: Assessment of metal bioavailability and bioaccumulation. *Journal of Environmental Management*, **2019**, 235, 152-160	7.9	19
20	Risk of metal mobility in soils from a Pb/Zn depleted mine (Lugo, Spain). *Environmental Earth Sciences*, **2014**, 72, 2541-2556	2.9	19
19	Using Ca3(PO4)2 nanoparticles to reduce metal mobility in shooting range soils. *Science of the Total Environment*, **2016**, 571, 1136-46	10.2	16
18	Phytotoxicity assays with hydroxyapatite nanoparticles lead the way to recover firing range soils. *Science of the Total Environment*, **2019**, 690, 1151-1161	10.2	15
17	Heavy metal content and toxicity of mine and quarry soils. *Journal of Soils and Sediments*, **2017**, 17, 1331-1348	3.4	14
16	Identifying sources of Pb pollution in urban soils by means of MC-ICP-MS and TOF-SIMS. *Environmental Science and Pollution Research*, **2015**, 22, 7859-72	5.1	14

15	Ecological risk assessment and source apportionment of heavy metal contamination in urban soils in Shiraz, Southwest Iran. *Arabian Journal of Geosciences*, **2020**, 13, 1	1.8	13
14	Assessment of iron-based and calcium-phosphate nanomaterials for immobilisation of potentially toxic elements in soils from a shooting range berm. *Journal of Environmental Management*, **2020**, 267, 110640	7.9	11
13	Limitations for revegetation in lead/zinc minesoils (NW Spain). *Journal of Soils and Sediments*, **2014**, 14, 785-793	3.4	10
12	Potentially Toxic Element Content in Arid Agricultural Soils in South Iran. *Agronomy*, **2020**, 10, 564	3.6	6
11	Microplastics in Agricultural Soils **2019**, 45-60		6
10	Pollution and risk assessment of potential hazardous elements in a shooting range soils (NW Spain). *Spanish Journal of Soil Science*, **2016**, 6,		4
9	Characterization of soil physico-chemical parameters and limitations for revegetation in serpentine quarry soils (NW Spain). *Journal of Soils and Sediments*, **2017**, 17, 1321-1330	3.4	3
8	Chemical availability versus bioavailability of potentially toxic elements in mining and quarry soils. *Chemosphere*, **2020**, 251, 126421	8.4	3
7	A Multianalytical Approach for the Assessment of Toxic Element Distribution in Soils From Mine and Quarry Areas **2017**, 33-62		2
6	Nano-FeO as a tool to restore plant growth in contaminated soils - Assessment of potentially toxic elements (bio)availability and redox homeostasis in Hordeum vulgare L.. *Journal of Hazardous Materials*, **2021**, 425, 127999	12.8	2
5	Elucidating of potentially toxic elements contamination in topsoils around a copper smelter: Spatial distribution, partitioning and risk estimation. *Environmental Geochemistry and Health*, **2021**, 1	4.7	2
4	Soft Computing Techniques for Appraisal of Potentially Toxic Elements from Jalandhar (Punjab), India. *Applied Sciences (Switzerland)*, **2021**, 11, 8362	2.6	2
3	Small Plastic Wastes in Soils: What Is Our Real Perception of the Problem? **2020**, 187-209		1
2	Soils from abandoned shooting range facilities as contamination source of potentially toxic elements: distribution among soil geochemical fractions. *Environmental Geochemistry and Health*, **2021**, 43, 4283-4297	4.7	0
1	Monitoring Sand Drift Potential and Sand Dune Mobility over the Last Three Decades (Khartouran Erg, Sabzevar, NE Iran). *Sustainability*, **2021**, 13, 9050	3.6	0