

Paula Alvarenga

List of Publications by Year in Descending Order

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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.

61
papers

1,947
citations

23
h-index

43
g-index

63
ext. papers

2,260
ext. citations

6.3
avg, IF

4.75
L-index

#	Paper	IF	Citations
61	Potentially Toxic Elements Contamination of Soils Affected by Mining Activities in the Portuguese Sector of the Iberian Pyrite Belt and Optional Remediation Actions: A Review. <i>Environments - MDPI</i> , 2022 , 9, 11	3.2	4
60	A step towards the production of manure-based fertilizers: Disclosing the effects of animal species and slurry treatment on their nutrients content and availability. <i>Journal of Cleaner Production</i> , 2022 , 337, 130369	10.3	2
59	Agronomic valorization of sewage sludge: The potential of thermal drying to achieve sanitation and biological stability. <i>Sustainable Chemistry and Pharmacy</i> , 2022 , 27, 100646	3.9	0
58	Combined use of olive mill waste compost and sprinkler irrigation to decrease the risk of As and Cd accumulation in rice grain.. <i>Science of the Total Environment</i> , 2022 , 155488	10.2	0
57	Dissolution of Ag Nanoparticles in Agricultural Soils and Effects on Soil Exoenzyme Activities. <i>Environments - MDPI</i> , 2021 , 8, 22	3.2	2
56	Water-Sediment Physicochemical Dynamics in a Large Reservoir in the Mediterranean Region under Multiple Stressors. <i>Water (Switzerland)</i> , 2021 , 13, 707	3	3
55	Animal Slurry Sanitization through pH Adjustment: Process Optimization and Impact on Slurry Characteristics. <i>Agronomy</i> , 2021 , 11, 517	3.6	3
54	Assessment of the Environmental Impact of Acid Mine Drainage on Surface Water, Stream Sediments, and Macrophytes Using a Battery of Chemical and Ecotoxicological Indicators. <i>Water (Switzerland)</i> , 2021 , 13, 1436	3	7
53	Horticulture and Orchards as New Markets for Manure Valorisation with Less Environmental Impacts. <i>Sustainability</i> , 2021 , 13, 1436	3.6	2
52	From wastewater to fertilizer products: Alternative paths to mitigate phosphorus demand in European countries. <i>Chemosphere</i> , 2021 , 284, 131258	8.4	3
51	Risk Assessment of Irrigation-Related Soil Salinization and Sodification in Mediterranean Areas. <i>Water (Switzerland)</i> , 2020 , 12, 3569	3	6
50	Managing organic amendments in agroecosystems to enhance soil carbon storage and mitigate climate change 2020 , 89-141		5
49	Soil salinity risk in a climate change scenario and its effect on crop yield 2020 , 351-396		11
48	Spatial and temporal dynamics of irrigation water quality under drought conditions in a large reservoir in Southern Portugal. <i>Environmental Monitoring and Assessment</i> , 2020 , 192, 93	3.1	17
47	Land-Cover Patterns and Hydrogeomorphology of Tributaries: Are These Important Stressors for the Water Quality of Reservoirs in the Mediterranean Region?. <i>Water (Switzerland)</i> , 2020 , 12, 2665	3	5
46	Recent Advances in Phytoremediation of Soil Contaminated by Industrial Waste: A Road Map to a Safer Environment 2020 , 207-221		5
45	The dairy sector in the Azores Islands: possibilities and main constraints towards increased added value. <i>Tropical Animal Health and Production</i> , 2020 , 53, 40	1.7	3

44	Use of wastes from the pulp and paper industry for the remediation of soils degraded by mining activities: Chemical, biochemical and ecotoxicological effects. <i>Science of the Total Environment</i> , 2019 , 686, 1152-1163	10.2	11
43	Exploring the Use of Species Sensitivity Distributions to Define Protective Limits for the Use of Organic Wastes as Soil Amendments. <i>Environmental Toxicology and Chemistry</i> , 2019 , 38, 1569-1576	3.8	2
42	Assessment of the environmental impact of an abandoned mine using an integrative approach: A case-study of the "Las Musas" mine (Extremadura, Spain). <i>Science of the Total Environment</i> , 2019 , 659, 84-94	10.2	12
41	Strategies for Soil Protection and Remediation 2018 , 251-281		3
40	Ecological and ecotoxicological responses in the assessment of the ecological status of freshwater systems: A case-study of the temporary stream Brejo of Cagarrõ (South of Portugal). <i>Science of the Total Environment</i> , 2018 , 634, 394-406	10.2	14
39	Plant Growth Promoting Rhizobacteria-Assisted Phytoremediation of Mine Soils 2018 , 281-295		20
38	From Phyto to Agromining: Past, Present, and Future Scope. <i>Advances in Science, Technology and Innovation</i> , 2018 , 99-101	0.3	
37	Chemical and ecotoxicological effects of the use of drinking-water treatment residuals for the remediation of soils degraded by mining activities. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 161, 281-289	7	7
36	Indicators for Monitoring Mine Site Rehabilitation 2018 , 49-66		1
35	Recycling organic wastes to agricultural land as a way to improve its quality: A field study to evaluate benefits and risks. <i>Waste Management</i> , 2017 , 61, 582-592	8.6	62
34	Organic wastes as soil amendments - Effects assessment towards soil invertebrates. <i>Journal of Hazardous Materials</i> , 2017 , 330, 149-156	12.8	29
33	Phytomining of Rare and Valuable Metals 2017 , 469-486		15
32	Membranes technology used in water treatment: Chemical, microbiological and ecotoxicological analysis. <i>Science of the Total Environment</i> , 2016 , 568, 998-1009	10.2	20
31	Ecotoxicological assessment of the potential impact on soil porewater, surface and groundwater from the use of organic wastes as soil amendments. <i>Ecotoxicology and Environmental Safety</i> , 2016 , 126, 102-110	7	21
30	Beneficial Use of Dewatered and Composted Sewage Sludge as Soil Amendments: Behaviour of Metals in Soils and Their Uptake by Plants. <i>Waste and Biomass Valorization</i> , 2016 , 7, 1189-1201	3.2	46
29	Ecotoxicological endpoints, are they useful tools to support ecological status assessment in strongly modified water bodies?. <i>Science of the Total Environment</i> , 2016 , 541, 119-129	10.2	16
28	Quality Assessment of a Battery of Organic Wastes and Composts Using Maturity, Stability and Enzymatic Parameters. <i>Waste and Biomass Valorization</i> , 2016 , 7, 455-465	3.2	16
27	Sewage sludge, compost and other representative organic wastes as agricultural soil amendments: Benefits versus limiting factors. <i>Waste Management</i> , 2015 , 40, 44-52	8.6	246

26	Occurrence and potential risk of currently used pesticides in sediments of the Alqueva reservoir (Guadiana Basin). <i>Environmental Science and Pollution Research</i> , 2015 , 22, 7665-75	5.1	22
25	Assessment of trace element pollution and its environmental risk to freshwater sediments influenced by anthropogenic contributions: The case study of Alqueva reservoir (Guadiana Basin). <i>Catena</i> , 2015 , 128, 174-184	5.8	53
24	Amendment application in a multi-contaminated mine soil: effects on soil enzymatic activities and ecotoxicological characteristics. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 4539-50	5.1	14
23	Integrated environmental assessment of freshwater sediments: a chemical and ecotoxicological approach at the Alqueva reservoir. <i>Environmental Geochemistry and Health</i> , 2014 , 36, 209-23	4.7	11
22	The effect of compost treatments and a plant cover with <i>Agrostis tenuis</i> on the immobilization/mobilization of trace elements in a mine-contaminated soil. <i>International Journal of Phytoremediation</i> , 2014 , 16, 138-54	3.9	28
21	Spatial and temporal variability of the water and sediments quality in the Alqueva reservoir (Guadiana Basin; southern Portugal). <i>Science of the Total Environment</i> , 2014 , 470-471, 780-90	10.2	46
20	Field study on the accumulation of trace elements by vegetables produced in the vicinity of abandoned pyrite mines. <i>Science of the Total Environment</i> , 2014 , 470-471, 1233-42	10.2	30
19	Risk assessment of pesticides detected in surface water of the Alqueva reservoir (Guadiana basin, southern of Portugal). <i>Science of the Total Environment</i> , 2014 , 488-489, 208-19	10.2	130
18	Efficiency of soil organic and inorganic amendments on the remediation of a contaminated mine soil: II. Biological and ecotoxicological evaluation. <i>Chemosphere</i> , 2014 , 107, 101-108	8.4	37
17	Root biomass production in populations of six rooted macrophytes in response to Cu exposure: intra-specific variability versus constitutive-like tolerance. <i>Environmental Pollution</i> , 2014 , 193, 205-215	9.3	14
16	A study on As, Cu, Pb and Zn (bio)availability in an abandoned mine area (Sb Domingos, Portugal) using chemical and ecotoxicological tools. <i>Environmental Science and Pollution Research</i> , 2013 , 20, 6539-50	5.1	22
15	A contribution towards the risk assessment of soils from the Sb Domingos Mine (Portugal): chemical, microbial and ecotoxicological indicators. <i>Environmental Pollution</i> , 2012 , 161, 50-6	9.3	73
14	Effect of Municipal Solid Waste Compost on Mine Soils As Evaluated by Chemical, Biological And Biochemical Properties of Soil. <i>Compost Science and Utilization</i> , 2010 , 18, 89-96	1.2	
13	Evaluation of surface water quality using an ecotoxicological approach: a case study of the Alqueva Reservoir (Portugal). <i>Environmental Science and Pollution Research</i> , 2010 , 17, 703-16	5.1	52
12	Assessment of anthropogenic sources of water pollution using multivariate statistical techniques: a case study of the Alqueva's reservoir, Portugal. <i>Environmental Monitoring and Assessment</i> , 2010 , 165, 539-52	3.1	57
11	Reclamation of a mine contaminated soil using biologically reactive organic matrices. <i>Waste Management and Research</i> , 2009 , 27, 101-11	4	29
10	Selenite resistant rhizobacteria stimulate SeO(3) (2-) phytoextraction by <i>Brassica juncea</i> in bioaugmented water-filtering artificial beds. <i>Environmental Science and Pollution Research</i> , 2009 , 16, 663-70	5.1	23
9	Risk assessment of representative and priority pesticides, in surface water of the Alqueva reservoir (South of Portugal) using on-line solid phase extraction-liquid chromatography-tandem mass spectrometry. <i>Environment International</i> , 2009 , 35, 545-51	12.9	76

8	Organic residues as immobilizing agents in aided phytostabilization: (II) effects on soil biochemical and ecotoxicological characteristics. <i>Chemosphere</i> , 2009 , 74, 1301-8	8.4	65
7	Organic residues as immobilizing agents in aided phytostabilization: (I) effects on soil chemical characteristics. <i>Chemosphere</i> , 2009 , 74, 1292-300	8.4	124
6	Evaluation of composts and liming materials in the phytostabilization of a mine soil using perennial ryegrass. <i>Science of the Total Environment</i> , 2008 , 406, 43-56	10.2	124
5	Assessment of chemical, biochemical and ecotoxicological aspects in a mine soil amended with sludge of either urban or industrial origin. <i>Chemosphere</i> , 2008 , 72, 1774-81	8.4	72
4	Effect of Organic Residues and Liming Materials on Metal Extraction from a Mining-Contaminated Soil. <i>Bioremediation Journal</i> , 2008 , 12, 58-69	2.3	5
3	Evaluation of tests to assess the quality of mine-contaminated soils. <i>Environmental Geochemistry and Health</i> , 2008 , 30, 95-9	4.7	66
2	Evaluation of chemical and ecotoxicological characteristics of biodegradable organic residues for application to agricultural land. <i>Environment International</i> , 2007 , 33, 505-13	12.9	106
1	Elemental Uptake and Root-Leaves Transfer in <i>Cistus Ladanifer</i> L. Growing in a Contaminated Pyrite Mining Area (Aljustrel-Portugal). <i>Water, Air, and Soil Pollution</i> , 2004 , 152, 81-96	2.6	47