

Mariano SimÃ³n

List of Publications by Year in descending order

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42
papers

1,433
citations

304602

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1484
citing authors

#	ARTICLE	IF	CITATIONS
1	Atypical morphology of technosols developed in quarry dumps restored with marble sludge: Implications for carbon sequestration. <i>Catena</i> , 2018, 160, 50-56.	2.2	8
2	Biochar from Different Carbonaceous Waste Materials: Ecotoxicity and Effectiveness in the Sorption of Metal(loid)s. <i>Water, Air, and Soil Pollution</i> , 2018, 229, 1.	1.1	14
3	Using marble sludge and phytoextraction to remediate metal(loid) polluted soils. <i>Journal of Geochemical Exploration</i> , 2017, 174, 29-34.	1.5	7
4	Long-term toxicity assessment of soils in a recovered area affected by a mining spill. <i>Environmental Pollution</i> , 2016, 208, 553-561.	3.7	40
5	Long-term contamination in a recovered area affected by a mining spill. <i>Science of the Total Environment</i> , 2015, 514, 219-223.	3.9	40
6	Effect of grain size and heavy metals on As immobilization by marble particles. <i>Environmental Science and Pollution Research</i> , 2015, 22, 6835-6841.	2.7	8
7	Using marble sludge increases the success of dump deposit restoration under Mediterranean climate. <i>Ecological Engineering</i> , 2015, 84, 305-310.	1.6	2
8	Are soil amendments able to restore arsenic-contaminated alkaline soils?. <i>Journal of Soils and Sediments</i> , 2015, 15, 117-125.	1.5	16
9	Restoration of dump deposits from quarries in a Mediterranean climate using marble industry waste. <i>Ecological Engineering</i> , 2014, 71, 94-100.	1.6	7
10	Assessing the impact of organic and inorganic amendments on the toxicity and bioavailability of a metal-contaminated soil to the earthworm <i>Eisenia andrei</i> . <i>Environmental Science and Pollution Research</i> , 2013, 20, 8162-8171.	2.7	19
11	Effectiveness of amendments to restore metal-arsenic-polluted soil functions using <i>Lactuca sativa</i> L. bioassays. <i>Journal of Soils and Sediments</i> , 2013, 13, 1213-1222.	1.5	8
12	Soil properties after 10 years of organic versus conventional management in two greenhouses in Almeria (SE Spain). <i>Archives of Agronomy and Soil Science</i> , 2012, 58, S226-S231.	1.3	4
13	Spreading of pollutants from alkaline mine drainage. Rodalquilar mining district (SE Spain). <i>Journal of Environmental Management</i> , 2012, 106, 69-74.	3.8	8
14	Effectiveness of amendments on the spread and phytotoxicity of contaminants in metal-arsenic polluted soil. <i>Journal of Hazardous Materials</i> , 2012, 205-206, 72-80.	6.5	48
15	Impact of unconfined sulphur-mine waste on a semi-arid environment (Almería, SE Spain). <i>Journal of Environmental Management</i> , 2011, 92, 1509-1519.	3.8	11
16	Application of bioassays with <i>Enchytraeus crypticus</i> and <i>Folsomia candida</i> to evaluate the toxicity of a metal-contaminated soil, before and after remediation. <i>Journal of Soils and Sediments</i> , 2011, 11, 1199-1208.	1.5	23
17	Use of liming in the remediation of soils polluted by sulphide oxidation: A leaching-column study. <i>Journal of Hazardous Materials</i> , 2010, 180, 241-246.	6.5	48
18	Ambient trace element background concentrations in soils and their use in risk assessment. <i>Science of the Total Environment</i> , 2009, 407, 4622-4632.	3.9	38

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19	Distribution of As and Zn in Soils Affected by the Spill of a Pyrite Mine and Effectiveness of the Remediation Measures. <i>Water, Air, and Soil Pollution</i> , 2009, 198, 77-85.	1.1	11
20	Assessment of the Critical Load of Trace Elements in Soils Polluted by Pyrite tailings. A Laboratory Experiment. <i>Water, Air, and Soil Pollution</i> , 2009, 199, 381-387.	1.1	3
21	Mobility of Arsenic and Heavy Metals in a Sandy-Loam Textured and Carbonated Soil. <i>Pedosphere</i> , 2009, 19, 166-175.	2.1	34
22	Remediation measures and displacement of pollutants in soils affected by the spill of a pyrite mine. <i>Science of the Total Environment</i> , 2008, 407, 23-39.	3.9	24
23	Soil alteration by continued oxidation of pyrite tailings. <i>Applied Geochemistry</i> , 2008, 23, 1152-1165.	1.4	26
24	Assessment of total arsenic and arsenic species stability in alga samples and their aqueous extracts. <i>Talanta</i> , 2008, 75, 897-903.	2.9	24
25	Fibrous-clay mineral formation and soil evolution in Aridisols of northeastern Patagonia, Argentina. <i>Geoderma</i> , 2007, 139, 38-50.	2.3	60
26	Background arsenic concentrations in Southeastern Spanish soils. <i>Science of the Total Environment</i> , 2007, 378, 5-12.	3.9	23
27	Weathering of primary minerals and mobility of major elements in soils affected by an accidental spill of pyrite tailing. <i>Science of the Total Environment</i> , 2007, 378, 49-52.	3.9	31
28	Remediation of As-Contaminated Soils in the Guadiamar River Basin (SW, Spain). <i>Water, Air, and Soil Pollution</i> , 2007, 180, 109-118.	1.1	24
29	Arsenic Contamination in Soils Affected by a Pyrite-mine Spill (Aznalcázar, SW Spain). <i>Water, Air, and Soil Pollution</i> , 2007, 180, 271-281.	1.1	27
30	Immobilization of heavy metals in polluted soils by the addition of zeolitic material synthesized from coal fly ash. <i>Chemosphere</i> , 2006, 62, 171-180.	4.2	170
31	Interaction of limestone grains and acidic solutions from the oxidation of pyrite tailings. <i>Environmental Pollution</i> , 2005, 135, 65-72.	3.7	71
32	Thallium Behavior in Soils Polluted by Pyrite Tailings (Aznalcázar, Spain). <i>Soil and Sediment Contamination</i> , 2004, 13, 25-36.	1.1	32
33	Remediation of Pb-Contaminated Soils in the Guadiamar River Basin (SW Spain). <i>Water, Air, and Soil Pollution</i> , 2004, 151, 323-333.	1.1	10
34	Soil pollution by a pyrite mine spill in Spain: evolution in time. <i>Environmental Pollution</i> , 2004, 132, 395-401.	3.7	108
35	Application of remediation techniques for immobilization of metals in soils contaminated by a pyrite tailing spill in Spain. <i>Soil Use and Management</i> , 2004, 20, 451-453.	2.6	14
36	Soil evolution over the Quaternary period in a Mediterranean climate (SE Spain). <i>Catena</i> , 2002, 48, 131-148.	2.2	31

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37	Pollution of carbonate soils in a Mediterranean climate due to a tailings spill. <i>European Journal of Soil Science</i> , 2002, 53, 321-330.	1.8	36
38	Soil pollution by oxidation of tailings from toxic spill of a pyrite mine. <i>Science of the Total Environment</i> , 2001, 279, 63-74.	3.9	115
39	Soil-landscape evolution on a Mediterranean high mountain. <i>Catena</i> , 2000, 39, 211-231.	2.2	20
40	Physico-chemical properties of the soil-saturation extracts: estimation from electrical conductivity. <i>Geoderma</i> , 1999, 90, 99-109.	2.3	35
41	Pollution of soils by the toxic spill of a pyrite mine (Aznalcollar, Spain). <i>Science of the Total Environment</i> , 1999, 242, 105-115.	3.9	144
42	Characteristics of the organic matter of mediterranean high-mountain soils. <i>Geoderma</i> , 1994, 61, 119-131.	2.3	11