

Rubn Forjn

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.

36
papers

539
citations

13
h-index

22
g-index

42
ext. papers

662
ext. citations

4.6
avg, IF

4.29
L-index

#	Paper	IF	Citations
36	Zero valent iron nanoparticles and organic fertilizer assisted phytoremediation in a mining soil: Arsenic and mercury accumulation and effects on the antioxidative system of <i>Medicago sativa</i> L.. <i>Journal of Hazardous Materials</i> , 2022 , 433, 128748	12.8	2
35	Comparison of the effectiveness of biochar vs. magnesite amendments to immobilize metals and restore a polluted soil. <i>Environmental Geochemistry and Health</i> , 2021 , 43, 5053-5064	4.7	1
34	Short-term experiment for the in situ stabilization of a polluted soil using mining and biomass waste. <i>Journal of Environmental Management</i> , 2021 , 296, 113179	7.9	3
33	Nanomaterials for soil remediation: Pollutant immobilization and opportunities for hybrid technologies 2021 , 701-723		1
32	Effects of Different In Situ Remediation Strategies for an As-Polluted Soil on Human Health Risk, Soil Properties, and Vegetation. <i>Agronomy</i> , 2020 , 10, 759	3.6	4
31	Application of biochar, compost and ZVI nanoparticles for the remediation of As, Cu, Pb and Zn polluted soil. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 33681-33691	5.1	11
30	Nanoremediation of As and metals polluted soils by means of graphene oxide nanoparticles. <i>Scientific Reports</i> , 2020 , 10, 1896	4.9	55
29	Bioaugmentation Treatment of a PAH-Polluted Soil in a Slurry Bioreactor. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 2837	2.6	13
28	Contribution of fluorite mining waste to mercury contamination in coastal systems. <i>Marine Pollution Bulletin</i> , 2019 , 149, 110576	6.7	5
27	Reuse of Dunite Mining Waste and Subproducts for the Stabilization of Metal(oid)s in Polluted Soils. <i>Minerals (Basel, Switzerland)</i> , 2019 , 9, 481	2.4	2
26	Increasing the Nutrient Content in a Mine Soil Through the Application of Technosol and Biochar and Grown with <i>Brassica juncea</i> L.. <i>Waste and Biomass Valorization</i> , 2019 , 10, 103-119	3.2	11
25	Application of Compost and Biochar with <i>Brassica juncea</i> L. to Reduce Phytoavailable Concentrations in a Settling Pond Mine Soil. <i>Waste and Biomass Valorization</i> , 2018 , 9, 821-834	3.2	13
24	Using compost and technosol combined with biochar and <i>Brassica juncea</i> L. to decrease the bioavailable metal concentration in soil from a copper mine settling pond. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 1294-1305	5.1	9
23	Adsorption and risk of phosphorus loss in soils in Amazonia. <i>Journal of Soils and Sediments</i> , 2018 , 18, 917-928	3.4	3
22	Effects of compost and technosol amendments on metal concentrations in a mine soil planted with <i>Brassica juncea</i> L. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 19713-19727	5.1	4
21	Comparison of compost with biochar versus technosol with biochar in the reduction of metal pore water concentrations in a mine soil. <i>Journal of Geochemical Exploration</i> , 2018 , 192, 103-111	3.8	3
20	Comparative effect of compost and technosol enhanced with biochar on the fertility of a degraded soil. <i>Environmental Monitoring and Assessment</i> , 2018 , 190, 610	3.1	7

19	Remediation of Soils Polluted with Inorganic Contaminants: Role of Organic Amendments 2017 , 313-337		3
18	Nutrient phytoavailability in a mine soil amended with technosol and biochar and vegetated with <i>Brassica juncea</i> . <i>Journal of Soils and Sediments</i> , 2017 , 17, 1653-1661	3.4	16
17	Comparison of the effects of compost versus compost and biochar on the recovery of a mine soil by improving the nutrient content. <i>Journal of Geochemical Exploration</i> , 2017 , 183, 46-57	3.8	23
16	Assessing the influence of technosol and biochar amendments combined with <i>Brassica juncea</i> L. on the fractionation of Cu, Ni, Pb and Zn in a polluted mine soil. <i>Journal of Soils and Sediments</i> , 2016 , 16, 339-348	3.4	22
15	Nickel, Lead and Zinc Sorption in a Reclaimed Settling Pond Soil. <i>Pedosphere</i> , 2016 , 26, 39-48	5	4
14	Build-up of carbon fractions in technosol-biochar amended partially reclaimed mine soil grown with <i>Brassica juncea</i> . <i>Journal of Soils and Sediments</i> , 2016 , 16, 1529-1537	3.4	4
13	Contribution of waste and biochar amendment to the sorption of metals in a copper mine tailing. <i>Catena</i> , 2016 , 137, 120-125	5.8	52
12	Changes on the Phytoavailability of Nutrients in a Mine Soil Reclaimed with Compost and Biochar. <i>Water, Air, and Soil Pollution</i> , 2016 , 227, 1	2.6	26
11	Contributions of a compost-biochar mixture to the metal sorption capacity of a mine tailing. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 2595-602	5.1	14
10	Carbon fractionation in a mine soil amended with compost and biochar and vegetated with <i>Brassica juncea</i> L. <i>Journal of Geochemical Exploration</i> , 2016 , 169, 137-143	3.8	21
9	Chemical fractionation of Cu, Ni, Pb and Zn in a mine soil amended with compost and biochar and vegetated with <i>Brassica juncea</i> L.. <i>Journal of Geochemical Exploration</i> , 2015 , 158, 74-81	3.8	53
8	Recovering a copper mine soil using organic amendments and phytomanagement with <i>Brassica juncea</i> L. <i>Journal of Environmental Management</i> , 2015 , 147, 73-80	7.9	33
7	Improving Soil Fertility to Support Grass/Legume Revegetation on Lignite Mine Spoils. <i>Communications in Soil Science and Plant Analysis</i> , 2014 , 45, 1565-1582	1.5	10
6	Phytoremediating a copper mine soil with <i>Brassica juncea</i> L., compost and biochar. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 11293-304	5.1	51
5	Effect of amendments made of waste materials in the physical and chemical recovery of mine soil. <i>Journal of Geochemical Exploration</i> , 2014 , 147, 91-97	3.8	18
4	Soil fertility and spontaneous revegetation in lignite spoil banks under different amendments. <i>Soil and Tillage Research</i> , 2010 , 110, 134-142	6.5	34
3	Remediation of a copper mine soil with organic amendments: compost and biochar versus Technosol and biochar. <i>Spanish Journal of Soil Science</i> , 5,		3
2	Effect of waste mixed with biochar as soil amendment on trace element solubility in a mine soil. <i>Spanish Journal of Soil Science</i> , 7,		4

- 1 Influence of pyrolysis temperature and feedstock biomass on Cu²⁺, Pb²⁺, and Zn²⁺ sorption capacity of biochar. *International Journal of Environmental Science and Technology*,1

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