

A simplified method for the extraction of the metals Fe, from soils and sewage sludges

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Metal residues in soils previously treated with sewage-sludge and their effects on growth and nitrogen fixation by blue-green algae. <i>Soil Biology and Biochemistry</i> , 1986, 18, 345-353.	4.2	86
3	Zinc, copper and nickel concentrations in ryegrass grown on sewage sludge-contaminated soils of different pH. <i>Journal of the Science of Food and Agriculture</i> , 1986, 37, 961-968.	1.7	70
4	Extractability and bioavailability of zinc, nickel, cadmium and copper in three Danish soils sampled 5 years after application of sewage sludge. <i>Journal of the Science of Food and Agriculture</i> , 1986, 37, 1155-1164.	1.7	44
5	Zinc, copper and nickel concentrations in soil extracts and crops grown on four soils treated with metalloaded sewage sludges. <i>Environmental Pollution</i> , 1987, 44, 193-210.	3.7	71
6	Computerized quality control, statistics and regional mapping of the concentrations of trace and major elements in the soil of England and Wales. <i>Soil Use and Management</i> , 1987, 3, 31-38.	2.6	11
7	Comparison of high-performance liquid chromatographic and atomic spectrometric methods for the determination of Fe(III) and Al(III) in soil and clay samples. <i>Journal of Chromatography A</i> , 1988, 449, 241-249.	1.8	7
8	Effects of potentially toxic metals in soil derived from past applications of sewage sludge on nitrogen fixation by <i>trifolium repens</i> L. <i>Soil Biology and Biochemistry</i> , 1988, 20, 415-424.	4.2	204
9	Comparison of results obtained by X-ray fluorescence of the total soil and the atomic absorption spectrometry assay of an acid digest in the routine determination of lead and zinc in soils. <i>Communications in Soil Science and Plant Analysis</i> , 1988, 19, 107-116.	0.6	6
10	Comparative evaluation of residual and total metal analyses in polluted soils. <i>Communications in Soil Science and Plant Analysis</i> , 1988, 19, 1907-1915.	0.6	10
11	An explanation for the apparent losses of metals in a long-term field experiment with sewage sludge. <i>Environmental Pollution</i> , 1989, 60, 235-256.	3.7	130
12	Metal levels in soils and cattail (<i>Typha latifolia</i> L.) plants in a pyrites mine area at Lousal, Portugal. <i>International Journal of Environmental Studies</i> , 1990, 36, 205-210.	0.7	19
13	Heavy metal contents of paddy fields of Alcaçer do Sal, Portugal. <i>Science of the Total Environment</i> , 1990, 90, 89-97.	3.9	11
14	Influence of various soil amendments on nitrogen-fixing soil microorganisms in a long-term field experiment, with special reference to sewage sludge. <i>Soil Biology and Biochemistry</i> , 1990, 22, 977-982.	4.2	59
15	Comparison of microwave and conventional extraction techniques for the determination of metals in soil, sediment and sludge samples by atomic spectrometry. <i>Analyst</i> , 1991, 116, 347.	1.7	155
16	Metal uptake and distribution in rush (<i>Juncus conglomeratus</i> L.) plants growing in pyrites mine tailings at Lousal, Portugal. <i>Science of the Total Environment</i> , 1991, 102, 253-260.	3.9	27
17	Plant inputs of carbon to metal-contaminated soil and effects on the soil microbial biomass. <i>Soil Biology and Biochemistry</i> , 1991, 23, 1169-1177.	4.2	42
18	Is the dehydrogenase assay invalid as a method to estimate microbial activity in copper-contaminated soils?. <i>Soil Biology and Biochemistry</i> , 1991, 23, 909-915.	4.2	122
19	Microbial biomass dynamics during the decomposition of glucose and maize in metal-contaminated and non-contaminated soils. <i>Soil Biology and Biochemistry</i> , 1991, 23, 917-925.	4.2	180

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20	Effects of heavy metals from past applications of sewage sludge on microbial biomass and organic matter accumulation in a sandy loam and silty loam U.K. soil. <i>Soil Biology and Biochemistry</i> , 1991, 23, 927-932.	4.2	234
21	Studies of the distribution and bioavailability of soil zinc fractions. <i>Journal of the Science of Food and Agriculture</i> , 1991, 57, 325-334.	1.7	9
22	Comparison of two methods of sample preparation for determination by atomic absorption spectroscopy of heavy metals in soils and sediments. <i>Communications in Soil Science and Plant Analysis</i> , 1991, 22, 1559-1568.	0.6	9
23	Survival of the indigenous population of rhizobium leguminosarum biovar trifolii in soil spiked with Cd, Zn, Cu and Ni salts. <i>Soil Biology and Biochemistry</i> , 1992, 24, 625-632.	4.2	95
24	Assessment of free-living nitrogen fixation activity as a biological indicator of heavy metal toxicity in soil. <i>Soil Biology and Biochemistry</i> , 1992, 24, 601-606.	4.2	61
25	Rhizobium meliloti is less sensitive to heavy-metal contamination in soil than R. leguminosarum bv. trifolii or R. loti. <i>Soil Biology and Biochemistry</i> , 1993, 25, 273-278.	4.2	40
26	Bacterial resistance to heavy metals related to extractable and total metal concentrations in soil and media. <i>Soil Biology and Biochemistry</i> , 1993, 25, 1443-1446.	4.2	45
27	Enumeration of indigenous Rhizobium leguminosarum biovar Trifolii in soils previously treated with metal-contaminated sewage sludge. <i>Soil Biology and Biochemistry</i> , 1993, 25, 301-309.	4.2	184
28	Residual effects of zinc, copper and nickel in sewage sludge on microbial biomass in a sandy loam. <i>Soil Biology and Biochemistry</i> , 1993, 25, 1231-1239.	4.2	170
29	Lead pollution in soils in Milwaukee County, Wisconsin. <i>Journal of Environmental Science and Health Part A: Environmental Science and Engineering</i> , 1994, 29, 909-919.	0.1	2
30	Determination of total cadmium in calcareous soils by extraction using aliquat 336 and 3-hexptanone after aqua regia digestion. <i>Communications in Soil Science and Plant Analysis</i> , 1994, 25, 2029-2045.	0.6	6
31	Lead pollution in soils adjacent to homes in Tampa, Florida. <i>Environmental Geochemistry and Health</i> , 1994, 16, 59-64.	1.8	20
32	Rates of organic matter decomposition in forests polluted with heavy metals. <i>Ecological Engineering</i> , 1994, 3, 17-26.	1.6	18
33	Heavy metal contents from road soils in Guipúzcoa (Spain). <i>Science of the Total Environment</i> , 1994, 146-147, 157-161.	3.9	19
34	¹³ C NMR studies of organic matter in whole soils: H. A case study of some Rothamsted soils. <i>European Journal of Soil Science</i> , 1995, 46, 139-146.	1.8	53
35	Fertilization effects on organic matter in physically fractionated soils as studied by ¹³ C NMR: Results from two long-term field experiments. <i>European Journal of Soil Science</i> , 1995, 46, 557-565.	1.8	73
36	Comparison of aqua regia digestion with sodium carbonate fusion for the determination of total phosphorus in soils by inductively coupled plasma atomic emission spectroscopy (ICP). <i>Communications in Soil Science and Plant Analysis</i> , 1995, 26, 1357-1368.	0.6	84
37	Microbial biomass dynamics following addition of metal-enriched sewage sludges to a sandy loam. <i>Soil Biology and Biochemistry</i> , 1995, 27, 1409-1421.	4.2	126

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38	Zinc and Cadmium Uptake by Hyperaccumulator <i>Thlaspi caerulescens</i> and Metal Tolerant <i>Silene vulgaris</i> Grown on Sludge-Amended Soils. <i>Environmental Science & Technology</i> , 1995, 29, 1581-1585.	4.6	226
39	Soil sampling, handling, storage and analysis. , 1995, , 49-121.		72
40	Relative Uptake of Cadmium by Garden Vegetables and Fruits Grown on Long-Term Biosolid-Amended Soils. <i>Environmental Science & Technology</i> , 1996, 30, 3508-3511.	4.6	41
41	Urban soils as pollutant sinks " a case study from Aberdeen, Scotland. <i>Applied Geochemistry</i> , 1996, 11, 129-131.	1.4	108
42	DISJUNCTIVE KRIGING FOR ENVIRONMENTAL MANAGEMENT. <i>Environmetrics</i> , 1996, 7, 333-357.	0.6	18
43	Comparison of methods to evaluate heavy metals in organic wastes. <i>Communications in Soil Science and Plant Analysis</i> , 1996, 27, 1125-1135.	0.6	25
44	Zinc, Lead and Cadmium Tolerance, Uptake and Accumulation by the Common Reed, <i>Phragmites australis</i> (Cav.) Trin. ex Steudel. <i>Annals of Botany</i> , 1997, 80, 363-370.	1.4	147
45	Enumeration and N ₂ fixation potential of <i>Rhizobium leguminosarum</i> biovar <i>trifolii</i> grown in soil with varying pH values and heavy metal concentrations. <i>Agriculture, Ecosystems and Environment</i> , 1997, 61, 103-111.	2.5	35
46	Title is missing!. <i>Plant and Soil</i> , 1997, 197, 71-78.	1.8	210
47	Zinc, lead and cadmium tolerance, uptake and accumulation by <i>Typha latifolia</i> . <i>New Phytologist</i> , 1997, 136, 469-480.	3.5	181
48	Title is missing!. <i>Water, Air, and Soil Pollution</i> , 1998, 107, 303-319.	1.1	41
49	Determination of chemical availability of cadmium and zinc in soils using inert soil moisture samplers. <i>Environmental Pollution</i> , 1998, 99, 293-298.	3.7	145
50	Comparison of Biomass and Metal Uptake between Two Populations of <i>Phragmites australis</i> Grown in Flooded and Dry Conditions. <i>Annals of Botany</i> , 1998, 82, 83-87.	1.4	40
51	Effect of Metal-Rich Sludge Amendments on the Soil Microbial Community. <i>Applied and Environmental Microbiology</i> , 1998, 64, 238-245.	1.4	313
52	Abundance and Diversity of <i>Archaea</i> in Heavy-Metal-Contaminated Soils. <i>Applied and Environmental Microbiology</i> , 1999, 65, 3293-3297.	1.4	147
53	Changes in soil chemistry accompanying acidification over more than 100 years under woodland and grass at Rothamsted Experimental Station, UK. <i>European Journal of Soil Science</i> , 1999, 50, 401-412.	1.8	169
54	Gene transfer in bacteria from soils contaminated with heavy metals. <i>Letters in Applied Microbiology</i> , 1999, 28, 317-320.	1.0	6
55	Title is missing!. <i>Environmental Monitoring and Assessment</i> , 1999, 55, 389-399.	1.3	6

#	ARTICLE	IF	CITATIONS
56	Aqua regia extractable trace elements in surface soils of venezuela. Environmental Geochemistry and Health, 1999, 21, 227-256.	1.8	5
57	Assessment of the toxicity of metals in soils amended with sewage sludge using a chemical speciation technique and a <i>lux</i> -based biosensor. Environmental Toxicology and Chemistry, 1999, 18, 659-663.	2.2	94
58	Soil microbial biomass and organic C in a gradient of zinc concentrations in soils around a mine spoil tip. Soil Biology and Biochemistry, 1999, 31, 867-876.	4.2	78
59	Chemical fractionation of heavy metals in a soil amended with repeated sewage sludge application. Science of the Total Environment, 1999, 226, 113-119.	3.9	83
60	Determination of Acute Zn Toxicity in Pore Water from Soils Previously Treated with Sewage Sludge Using Bioluminescence Assays. Environmental Science & Technology, 1999, 33, 1880-1885.	4.6	69
61	Composted MSW Effects on Soil Properties and Native Vegetation in a Degraded Semiarid Shrubland. Compost Science and Utilization, 2000, 8, 303-309.	1.2	21
62	Arbuscular Mycorrhizae Effects on Heavy Metal Uptake by Corn. International Journal of Phytoremediation, 2000, 2, 23-29.	1.7	17
63	Comparison of methods to investigate microbial populations in soils under different agricultural management. FEMS Microbiology Ecology, 2000, 33, 129-137.	1.3	70
64	Biosolid effects on soil and native plant production in a degraded semiarid ecosystem in central Spain. Waste Management and Research, 2000, 18, 259-263.	2.2	3
65	Title is missing!. Plant and Soil, 2000, 221, 167-179.	1.8	116
66	Distribution of Heavy Metals in Near-Shore Sediments of the Swan River Estuary, Western Australia. Water, Air, and Soil Pollution, 2000, 124, 155-168.	1.1	45
67	Flooding and the Distribution of Selected Metals in Floodplain Sediments in St. Maries, Idaho. Environmental Geochemistry and Health, 2000, 22, 219-232.	1.8	10
68	Soil Ergosterol, Dimethyl Sulphide Reduction, and Microbial Biomass Along a Zn Concentrations Gradient in Soils from a Mine Spoil Tip. Bulletin of Environmental Contamination and Toxicology, 2000, 64, 786-793.	1.3	1
69	The effect of soil liming on shoot development, root growth, and cluster root activity of white lupin. Biology and Fertility of Soils, 2000, 32, 94-101.	2.3	30
70	Biosolid effects on soil and native plant production in a degraded semiarid ecosystem in central Spain. Waste Management and Research, 2000, 18, 259-263.	2.2	21
71	Response of a Rhizobium-based luminescence biosensor to Zn and Cu in soil solutions from sewage sludge treated soils. Soil Biology and Biochemistry, 2000, 32, 383-388.	4.2	39
72	Copper Speciation and Impacts on Bacterial Biosensors in the Pore Water of Copper-Contaminated Soils. Environmental Science & Technology, 2000, 34, 5115-5121.	4.6	150
73	Leaching of heavy metals from contaminated soils using EDTA. Environmental Pollution, 2001, 113, 111-120.	3.7	429

#	ARTICLE	IF	CITATIONS
74	Effects of Zn enriched sewage sludge on microbial activities and biomass in soil. <i>Soil Biology and Biochemistry</i> , 2001, 33, 633-638.	4.2	39
75	Decomposition of ¹⁴ C glucose in two soils with different amounts of heavy metal contamination. <i>Soil Biology and Biochemistry</i> , 2001, 33, 1811-1816.	4.2	74
76	Cadmium Content of Wheat Grain from a Long-Term Field Experiment with Sewage Sludge. <i>Journal of Environmental Quality</i> , 2001, 30, 1575-1580.	1.0	48
77	Phytoremediation of Heavy Metal-Contaminated Soils: Natural Hyperaccumulation versus Chemically Enhanced Phytoextraction. <i>Journal of Environmental Quality</i> , 2001, 30, 1919-1926.	1.0	493
78	Biosolids and Biosolids-ash as Sources of Heavy Metals in a Plant-Soil System. <i>Water, Air, and Soil Pollution</i> , 2001, 132, 75-87.	1.1	49
79	Title is missing!. <i>Plant and Soil</i> , 2001, 236, 275-286.	1.8	16
80	Availability of Cd, Ni and Zn to Ryegrass in Sewage Sludge-Treated Soils at Different Temperatures. <i>Water, Air, and Soil Pollution</i> , 2001, 132, 201-214.	1.1	69
81	Title is missing!. <i>Plant and Soil</i> , 2001, 237, 147-156.	1.8	62
82	Biomass yield and phosphorus availability to wheat grown on high phosphorus soils amended with phosphate inactivating residues. I. Drinking water treatment residue. <i>Communications in Soil Science and Plant Analysis</i> , 2002, 33, 1039-1060.	0.6	22
83	Leaching of cadmium, nickel, and zinc down the profile of sewage sludge-treated soil. <i>Communications in Soil Science and Plant Analysis</i> , 2002, 33, 273-286.	0.6	35
84	The Development of Potential Screens Based on Shoot Calcium and Iron Concentrations for the Evaluation of Tolerance in Egyptian Genotypes of White Lupin (<i>Lupinus albus</i> L.) to Limed Soils. <i>Annals of Botany</i> , 2002, 89, 341-349.	1.4	16
85	Cadmium and zinc toxicity to soil microbial biomass and activity. <i>Developments in Soil Science</i> , 2002, 28, 267-273.	0.5	3
86	Poultry Litter Ash as a Potential Phosphorus Source for Agricultural Crops. <i>Journal of Environmental Quality</i> , 2002, 31, 954-961.	1.0	53
87	Biomass yield and phosphorus availability to wheat grown on high phosphorus soils amended with phosphate inactivating residues. III. Fluidized bed coal combustion ash. <i>Communications in Soil Science and Plant Analysis</i> , 2002, 33, 1085-1103.	0.6	5
88	Mechanisms of Attenuation of Metal Availability in In Situ Remediation Treatments. <i>Environmental Science & Technology</i> , 2002, 36, 3991-3996.	4.6	127
89	Biomass yield and phosphorus availability to wheat grown on high phosphorus soils amended with phosphate inactivating residues. II. Iron rich residue. <i>Communications in Soil Science and Plant Analysis</i> , 2002, 33, 1063-1084.	0.6	10
90	<i>Rhizobium leguminosarum</i> bv. <i>viciae</i> populations in soils with increasing heavy metal contamination: abundance, plasmid profiles, diversity and metal tolerance. <i>Soil Biology and Biochemistry</i> , 2002, 34, 519-529.	4.2	83
91	Determination of Cd and Zn by isotope dilution-thermal ionisation mass spectrometry using a sequential analysis procedure. <i>Talanta</i> , 2002, 57, 405-413.	2.9	7

#	ARTICLE	IF	CITATIONS
92	Nematode communities under stress: the long-term effects of heavy metals in soil treated with sewage sludge. <i>Applied Soil Ecology</i> , 2002, 20, 27-42.	2.1	116
93	The role of dissolved organic carbon in the mobility of Cd, Ni and Zn in sewage sludge-amended soils. <i>Environmental Pollution</i> , 2002, 117, 515-521.	3.7	223
94	Extractable soil heavy metals following the cessation of biosolids application to agricultural soil. <i>Environmental Pollution</i> , 2002, 117, 315-321.	3.7	46
95	Concentrações naturais de metais pesados em algumas classes de solos brasileiros. <i>Bragantia</i> , 2002, 61, 151-159.	1.3	34
96	Title is missing!. <i>Plant and Soil</i> , 2002, 240, 235-251.	1.8	159
97	Soil moisture effects on uptake of metals by <i>Thlaspi</i> , <i>Alyssum</i> , and <i>Berkheya</i> . <i>Plant and Soil</i> , 2003, 256, 325-332.	1.8	56
98	The relative exclusion of zinc and iron from rice grain in relation to rice grain cadmium as compared to soybean: Implications for human health. <i>Plant and Soil</i> , 2003, 257, 163-170.	1.8	69
99	Title is missing!. <i>Plant and Soil</i> , 2003, 249, 203-215.	1.8	193
100	Copper tolerance, uptake and accumulation by <i>Phragmites australis</i> . <i>Chemosphere</i> , 2003, 50, 795-800.	4.2	58
101	Greenhouse and Field Studies on Hay Harvest to Remediate High Phosphorus Soil. <i>Communications in Soil Science and Plant Analysis</i> , 2003, 34, 2085-2097.	0.6	12
102	Response of Soil Microbiological Activities to Cadmium, Lead, and Zinc Salt Amendments. <i>Journal of Environmental Quality</i> , 2003, 32, 1346.	1.0	72
103	Effect of Biosolids Processing on Lead Bioavailability in an Urban Soil. <i>Journal of Environmental Quality</i> , 2003, 32, 100-108.	1.0	132
104	Metal Bioavailability and Speciation in a Wetland Tailings Repository Amended with Biosolids Compost, Wood Ash, and Sulfate. <i>Journal of Environmental Quality</i> , 2003, 32, 851-864.	1.0	73
105	Metal Removal from Soil Using Inorganic Ligands in Surfactant Solution. , 2004, , .		2
106	In Situ Dynamics of Phosphorus in the Rhizosphere Solution of Five Species. <i>Journal of Environmental Quality</i> , 2004, 33, 1387-1392.	1.0	22
107	Near- and Mid-Infrared Diffuse Reflectance Spectroscopy for Measuring Soil Metal Content. <i>Journal of Environmental Quality</i> , 2004, 33, 2056-2069.	1.0	125
108	Baseline Levels of Potentially Toxic Elements in Pampas Soils. <i>Soil and Sediment Contamination</i> , 2004, 13, 329-339.	1.1	26
109	POLLUTION-INDUCED COMMUNITY TOLERANCE OF SOIL MICROBES IN RESPONSE TO A ZINC GRADIENT. <i>Environmental Toxicology and Chemistry</i> , 2004, 23, 2665.	2.2	43

#	ARTICLE	IF	CITATIONS
110	Application of biosolids in mineral sands mine rehabilitation: use of stockpiled topsoil decreases trace element uptake by plants. <i>Bioresource Technology</i> , 2004, 91, 223-231.	4.8	47
111	Simultaneous Soil Cd and PCB Decontamination using a Surfactant/Ligand Solution. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2004, 39, 2783-2798.	0.9	9
112	Kinetics of Zn Release in Soils and Prediction of Zn Concentration in Plants Using Diffusive Gradients in Thin Films. <i>Environmental Science & Technology</i> , 2004, 38, 3608-3613.	4.6	137
113	Lead in paddy soils and rice plants and its potential health risk around Lechang Lead/Zinc Mine, Guangdong, China. <i>Environment International</i> , 2004, 30, 883-889.	4.8	117
114	Copper uptake by <i>Elsholtzia splendens</i> and <i>Silene vulgaris</i> and assessment of copper phytoavailability in contaminated soils. <i>Environmental Pollution</i> , 2004, 128, 307-315.	3.7	175
115	Factors affecting the concentrations of lead in British wheat and barley grain. <i>Environmental Pollution</i> , 2004, 131, 461-468.	3.7	59
116	Arsenic hyperaccumulation by <i>Pteris vittata</i> from arsenic contaminated soils and the effect of liming and phosphate fertilisation. <i>Environmental Pollution</i> , 2004, 132, 113-120.	3.7	98
117	Accumulation of lead, zinc, copper and cadmium by 12 wetland plant species thriving in metal-contaminated sites in China. <i>Environmental Pollution</i> , 2004, 132, 29-40.	3.7	520
118	Predicting Cadmium Concentrations in Wheat and Barley Grain Using Soil Properties. <i>Journal of Environmental Quality</i> , 2004, 33, 532-541.	1.0	218
119	In Situ Soil Treatments to Reduce the Phyto- and Bioavailability of Lead, Zinc, and Cadmium. <i>Journal of Environmental Quality</i> , 2004, 33, 522-531.	1.0	195
120	EASTERN GAMAGRASS UPTAKE OF LEAD AND ARSENIC FROM LEAD ARSENATE CONTAMINATED SOIL AMENDED WITH LIME AND PHOSPHORUS. <i>Soil Science</i> , 2005, 170, 413-424.	0.9	19
121	COMPARISON OF GLOMALIN AND HUMIC ACID IN EIGHT NATIVE U.S. SOILS. <i>Soil Science</i> , 2005, 170, 985-997.	0.9	85
122	Preliminary Stepwise Multiple Linear Regression Method to Predict Cadmium and Zinc Uptake in Soybean. <i>Communications in Soil Science and Plant Analysis</i> , 2005, 35, 1815-1828.	0.6	6
123	Comparison of different microbial biomass and activity measurement methods in metal-contaminated soils. <i>Bioresource Technology</i> , 2005, 96, 1405-1414.	4.8	43
124	Treatment with biosolids affects soil availability and plant uptake of potentially toxic elements. <i>Agriculture, Ecosystems and Environment</i> , 2005, 109, 360-364.	2.5	23
125	Changes in the microbial community of an arable soil caused by long-term metal contamination. <i>European Journal of Soil Science</i> , 2005, 56, 93-102.	1.8	77
126	Suitability of Wastes from Olive-Oil Industry for Initial Reclamation of a Pb/Zn Mine Tailing. <i>Water, Air, and Soil Pollution</i> , 2005, 165, 153-165.	1.1	26
127	Elevated Levels of Cadmium and Zinc in Paddy Soils and Elevated Levels of Cadmium in Rice Grain Downstream of a Zinc Mineralized Area in Thailand: Implications for Public Health. <i>Environmental Geochemistry and Health</i> , 2005, 27, 501-511.	1.8	224

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128	Assessment of phosphorus leaching losses from arable land. <i>Plant and Soil</i> , 2005, 269, 99-108.	1.8	51
129	Metallothionein Induction Is Not Involved in Cadmium Accumulation in the Duodenum of Mice and Rats Fed Diets Containing High-Cadmium Rice or Sunflower Kernels and a Marginal Supply of Zinc, Iron, and Calcium. <i>Journal of Nutrition</i> , 2005, 135, 99-108.	1.3	22
130	Effects of Drinking Water Treatment Residue on Phosphorus in Runoff from Poultry Litter. <i>Communications in Soil Science and Plant Analysis</i> , 2005, 36, 1263-1275.	0.6	6
131	Complexation of a Ligand with a Surfactant Micelle for Soil Heavy Metal Desorption. <i>Soil and Sediment Contamination</i> , 2005, 14, 357-372.	1.1	10
132	Biomass production and heavy metal content of <i>Rosmarinus officinalis</i> grown on organic waste-amended soil. <i>Journal of Arid Environments</i> , 2005, 62, 401-412.	1.2	48
133	Principal component analysis as a tool to indicate the origin of potentially toxic elements in soils. <i>Geoderma</i> , 2005, 128, 289-300.	2.3	248
134	Effect of surfactant alkyl chain length on soil cadmium desorption using surfactant/ligand systems. <i>Chemosphere</i> , 2005, 58, 735-742.	4.2	24
136	Heavy metal tolerance of nematode-trapping fungi in lead-polluted soils. <i>Applied Soil Ecology</i> , 2006, 31, 11-19.	2.1	29
137	Heavy metal toxicity in <i>Rhizobium leguminosarum</i> biovar <i>viciae</i> isolated from soils subjected to different sources of heavy-metal contamination: Effects on protein expression. <i>Applied Soil Ecology</i> , 2006, 33, 286-293.	2.1	65
138	Cadmium in soil-rice system and health risk associated with the use of untreated mining wastewater for irrigation in Lechang, China. <i>Agricultural Water Management</i> , 2006, 84, 147-152.	2.4	91
139	Evaluation of the phytotoxicity of contaminated sediments deposited on soil. II. Impact of water draining from deposits on the development and physiological status of neighbouring plants at growth stage. <i>Chemosphere</i> , 2006, 62, 1311-1323.	4.2	8
140	Microbial indicators of heavy metal contamination in urban and rural soils. <i>Chemosphere</i> , 2006, 63, 1942-1952.	4.2	117
141	Chelate-induced phytoextraction of metal polluted soils with <i>Brachiaria decumbens</i> . <i>Chemosphere</i> , 2006, 65, 43-50.	4.2	82
142	Heavy metal speciation and phytotoxic effects of three representative sewage sludges for agricultural uses. <i>Environmental Pollution</i> , 2006, 139, 507-514.	3.7	272
143	Lead and zinc accumulation and tolerance in populations of six wetland plants. <i>Environmental Pollution</i> , 2006, 141, 69-80.	3.7	107
144	Cadmium contamination in orchard soils and fruit trees and its potential health risk in Guangzhou, China. <i>Environmental Pollution</i> , 2006, 143, 159-165.	3.7	85
145	Field evaluation of in situ remediation of a heavy metal contaminated soil using lime and red-mud. <i>Environmental Pollution</i> , 2006, 142, 530-539.	3.7	365
146	Mineralogical budgeting of potassium in soil: A basis for understanding standard measures of reserve potassium. <i>Journal of Plant Nutrition and Soil Science</i> , 2006, 169, 605-615.	1.1	43

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147	Plant and Soil Responses to the Application of Composted MSW in a Degraded, Semiarid Shrubland in Central Spain. <i>Compost Science and Utilization</i> , 2006, 14, 147-154.	1.2	48
148	SOIL FACTORS CONTROLLING THE EXPRESSION OF COPPER TOXICITY TO PLANTS IN A WIDE RANGE OF EUROPEAN SOILS. <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 726.	2.2	159
149	INFLUENCE OF SOIL PROPERTIES AND AGING ON ARSENIC PHYTOTOXICITY. <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 1663.	2.2	80
150	Assessment of the Efficiency of a Metal Phytoextraction Process with Biological Indicators of Soil Health. <i>Plant and Soil</i> , 2006, 281, 147-158.	1.8	97
151	Characterization of Soil Physico-Chemical and Microbial Parameters after Revegetation Near Shaoguan Pb/Zn Smelter, Guangdong, P.R. China. <i>Water, Air, and Soil Pollution</i> , 2006, 177, 81-101.	1.1	8
152	Soil phosphorus dynamics and phytoavailability from sewage sludge at different stages in a treatment stream. <i>Biology and Fertility of Soils</i> , 2006, 42, 186-197.	2.3	34
153	Concentration of potentially toxic elements in field crops grown near and far from cities of the Pampas (Argentina). <i>Journal of Environmental Management</i> , 2006, 80, 116-119.	3.8	31
154	Potential Use of Olive-Waste Ash from Cogeneration Plants as a Soil Amendment. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2006, 41, 1405-1415.	0.7	8
155	Kinetics of metal desorption from soil with nonionic micelle-solubilized ligands. <i>Journal of Environmental Engineering and Science</i> , 2006, 5, 163-173.	0.3	6
156	Phytotoxicity of Biosolids Compost at Different Degrees of Maturity Compared to Biosolids and Animal Manures. <i>Compost Science and Utilization</i> , 2006, 14, 267-270.	1.2	24
157	Effect of Olive-Derived Organic Amendments on Lead, Zinc, and Biochemical Parameters of an Artificially Contaminated Soil. <i>Communications in Soil Science and Plant Analysis</i> , 2007, 38, 795-811.	0.6	7
158	Impact of heavy metal toxicity on plant growth, symbiosis, seed yield and nitrogen and metal uptake in chickpea. <i>Australian Journal of Experimental Agriculture</i> , 2007, 47, 712.	1.0	82
159	Grain Yield and Mineral Element Composition of Maize Grown on High Phosphorus Soils Amended with Water Treatment Residual. <i>Journal of Plant Nutrition</i> , 2007, 30, 225-240.	0.9	16
160	Chromate-Tolerant Bacteria for Enhanced Metal Uptake by <i>Eichhornia Crassipes</i> (MART.). <i>International Journal of Phytoremediation</i> , 2007, 9, 91-105.	1.7	40
161	Tree Species Effects on Soil Properties in Experimental Plantations in Tropical Moist Forest. <i>Soil Science Society of America Journal</i> , 2007, 71, 1389-1397.	1.2	102
162	LONG-TERM EFFECTS OF LIME, PHOSPHORUS, AND IRON AMENDMENTS ON WATER-EXTRACTABLE ARSENIC, LEAD, AND BIOACCESSIBLE LEAD FROM CONTAMINATED ORCHARD SOILS. <i>Soil Science</i> , 2007, 172, 811-819.	0.9	18
163	Phytotoxicity of nickel in a range of European soils: Influence of soil properties, Ni solubility and speciation. <i>Environmental Pollution</i> , 2007, 145, 596-605.	3.7	150
164	Zinc and cadmium accumulation and tolerance in populations of <i>Sedum alfredii</i> . <i>Environmental Pollution</i> , 2007, 147, 381-386.	3.7	105

#	ARTICLE	IF	CITATIONS
165	Estimates of ambient background concentrations of trace metals in soils for risk assessment. <i>Environmental Pollution</i> , 2007, 148, 221-229.	3.7	80
166	Effect of amendment C:N ratio on plant richness, cover and metal content for acidic Pb and Zn mine tailings in Leadville, Colorado. <i>Environmental Pollution</i> , 2007, 149, 165-172.	3.7	21
167	Heavy metals in sewage sludge amended soils determined by sequential extractions as a function of incubation time of soils. <i>Geoderma</i> , 2007, 142, 262-273.	2.3	69
168	Enrichment of Heavy Metals in Sediment Resulting from Soil Erosion on Agricultural Fields. <i>Environmental Science & Technology</i> , 2007, 41, 3495-3500.	4.6	168
169	Reflectance Spectroscopy Study of Cd Contamination in the Sediments of the Changjiang River, China. <i>Environmental Science & Technology</i> , 2007, 41, 3449-3454.	4.6	38
170	Biological Aspects of Metal Waste Reclamation with Biosolids. <i>Journal of Environmental Quality</i> , 2007, 36, 1154-1162.	1.0	47
171	Revegetation of High Zinc and Lead Tailings with Municipal Biosolids and Lime: Greenhouse Study. <i>Journal of Environmental Quality</i> , 2007, 36, 1609-1617.	1.0	9
172	Chromium fractionation in semi-arid soils amended with chromium and tannery sludge. <i>Journal of Hazardous Materials</i> , 2007, 146, 91-97.	6.5	27
173	Seasonal and time variability of heavy metal content and of its chemical forms in sewage sludges from different wastewater treatment plants. <i>Science of the Total Environment</i> , 2007, 382, 82-92.	3.9	95
174	Effects of soil compaction and irrigation on the concentrations of selenium and arsenic in wheat grains. <i>Science of the Total Environment</i> , 2007, 372, 433-439.	3.9	62
175	Transfer of potentially toxic elements from biosolid-treated soils to maize and wheat crops. <i>Agriculture, Ecosystems and Environment</i> , 2007, 118, 312-318.	2.5	47
176	Cadmium, chromium and copper in greengram plants. <i>Agronomy for Sustainable Development</i> , 2007, 27, 145-153.	2.2	60
177	Depletion of macro-nutrients from rhizosphere soil solution by juvenile corn, cottonwood, and switchgrass plants. <i>Plant and Soil</i> , 2007, 270, 213-221.	1.8	18
178	The effects of heavy metal pollution on genetic diversity in zinc/cadmium hyperaccumulator <i>Sedum alfredii</i> populations. <i>Plant and Soil</i> , 2007, 297, 83-92.	1.8	62
179	Analysis of field-moist Cd contaminated paddy soils during rice grain fill allows reliable prediction of grain Cd levels. <i>Plant and Soil</i> , 2008, 302, 125-137.	1.8	73
180	The role of bacteria on heavy-metal extraction and uptake by plants growing on multi-metal-contaminated soils. <i>World Journal of Microbiology and Biotechnology</i> , 2008, 24, 253-262.	1.7	103
181	Effects of Heavy Metal Toxicity on Growth, Symbiosis, Seed yield and Metal Uptake in Pea Grown in Metal Amended Soil. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2008, 81, 152-158.	1.3	74
182	Diversity and metal tolerance of nematode-trapping fungi in Pb-polluted soils. <i>Journal of Microbiology</i> , 2008, 46, 16-22.	1.3	16

#	ARTICLE	IF	CITATIONS
183	Accumulation of Zinc, Cadmium, and Lead in Four Populations of <i>Sedum alfredii</i> Growing on Lead/Zinc Mine Spoils. <i>Journal of Integrative Plant Biology</i> , 2008, 50, 691-698.	4.1	32
184	Nematodes as indicators of soil recovery in tailings of a lead/zinc mine. <i>Soil Biology and Biochemistry</i> , 2008, 40, 2040-2046.	4.2	85
185	Use of sequential extraction procedure for assessing the environmental impact at regional scale of the São Domingos Mine (Iberian Pyrite Belt). <i>Applied Geochemistry</i> , 2008, 23, 3452-3463.	1.4	112
186	Functional diversity as indicator of the recovery of soil health derived from <i>Thlaspi caerulescens</i> growth and metal phytoextraction. <i>Applied Soil Ecology</i> , 2008, 39, 299-310.	2.1	132
187	Identifying sources of soil inorganic pollutants on a regional scale using a multivariate statistical approach: Role of pollutant migration and soil physicochemical properties. <i>Environmental Pollution</i> , 2008, 151, 470-476.	3.7	76
188	Assessment of the phytoextraction potential of high biomass crop plants. <i>Environmental Pollution</i> , 2008, 152, 32-40.	3.7	135
189	Investigating source areas of eroded sediments transported in concentrated overland flow using rare earth element tracers. <i>Catena</i> , 2008, 74, 31-36.	2.2	51
190	Effects of Broiler Litter Management Practices on Phosphorus, Copper, Zinc, Manganese, and Arsenic Concentrations in Maryland Coastal Plain Soils. <i>Communications in Soil Science and Plant Analysis</i> , 2008, 39, 1193-1205.	0.6	24
191	Comparison of methods for measuring heavy metals and total phosphorus in soils contaminated by different sources. <i>Archives of Agronomy and Soil Science</i> , 2008, 54, 413-422.	1.3	38
192	Chemical and organic immobilization treatments for reducing phytoavailability of heavy metals in copper mine tailings. <i>Journal of Plant Nutrition and Soil Science</i> , 2008, 171, 908-916.	1.1	42
193	EFFECTS OF SOIL ACIDITY AND CROPPING ON SOLUBILITY OF BY-PRODUCT-IMMOBILIZED PHOSPHORUS AND EXTRACTABLE ALUMINUM, CALCIUM, AND IRON FROM TWO HIGH-PHOSPHORUS SOILS. <i>Soil Science</i> , 2008, 173, 552-559.	0.9	12
194	Restoration of High Zinc and Lead Tailings with Municipal Biosolids and Lime: A Field Study. <i>Journal of Environmental Quality</i> , 2009, 38, 2189-2197.	1.0	27
195	Effect of Flooding Lead Arsenate Contaminated Orchard Soil on Growth and Arsenic and Lead Accumulation in Rice. <i>Communications in Soil Science and Plant Analysis</i> , 2009, 40, 2800-2815.	0.6	13
196	The Concentrations of Heavy Metals and Their Potential Environmental Risks of Sludges from 15 Cities in Yangtze River Delta Region. , 2009, , .		0
197	Phytoextraction of soil cadmium and zinc by microbes-inoculated Indian mustard (<i>Brassica</i>) Tj ETQq0 0 0 rgBT /Qverlock 10 Tf 50 182	1.0	10
198	Phytoextraction potential of six plant species grown in multimetal contaminated soil. <i>Chemistry and Ecology</i> , 2009, 25, 1-11.	0.6	91
199	Soil microbial community as bioindicator of the recovery of soil functioning derived from metal phytoextraction with sorghum. <i>Soil Biology and Biochemistry</i> , 2009, 41, 1788-1794.	4.2	110
200	Distribution and mobility of Cr in tannery waste amended semi-arid soils under simulated rainfall. <i>Journal of Hazardous Materials</i> , 2009, 171, 851-858.	6.5	15

#	ARTICLE	IF	CITATIONS
201	Cadmium-hazard mapping using a general linear regression model (Irr-Cad) for rapid risk assessment. <i>Environmental Geochemistry and Health</i> , 2009, 31, 71-79.	1.8	15
202	Solubility of Trace Elements and Heavy Metals from Stabilized Sewage Sludge by Fly Ash. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2009, 83, 752-756.	1.3	12
203	Biogeochemical studies of metallophytes from four copper-enriched sites along the Yangtze River, China. <i>Environmental Geology</i> , 2009, 56, 1313-1322.	1.2	14
204	Cd AND Zn ACCUMULATION IN PLANTS FROM THE PADAENG ZINC MINE AREA. <i>International Journal of Phytoremediation</i> , 2009, 11, 479-495.	1.7	79
205	Detecting atmospheric pollution in surface soils using magnetic measurements: A reappraisal using an England and Wales database. <i>Environmental Pollution</i> , 2009, 157, 2878-2890.	3.7	106
206	Phytoextraction potential of two <i>Rumex acetosa</i> L. accessions collected from metalliferous and non-metalliferous sites: Effect of fertilization. <i>Chemosphere</i> , 2009, 74, 259-264.	4.2	64
207	Phytotoxicity and bioavailability of cobalt to plants in a range of soils. <i>Chemosphere</i> , 2009, 75, 979-986.	4.2	127
208	Phytoextraction of Cd-contaminated soil by carambola (<i>Averrhoa carambola</i>) in field trials. <i>Chemosphere</i> , 2009, 76, 1233-1239.	4.2	53
209	The distribution and phytoavailability of heavy metal fractions in rhizosphere soils of <i>Paulownia fortunei</i> (seem) Hems near a Pb/Zn smelter in Guangdong, PR China. <i>Geoderma</i> , 2009, 148, 299-306.	2.3	82
210	LEAD PHYTOEXTRACTION BY WHEAT IN RESPONSE TO THE EDTA APPLICATION METHOD. <i>International Journal of Phytoremediation</i> , 2009, 11, 268-282.	1.7	23
211	Effect of <i>Pseudomonas fluorescens</i> on metal phytoextraction from contaminated soil by <i>Brassica juncea</i> . <i>Chemistry and Ecology</i> , 2009, 25, 385-396.	0.6	14
212	Screening of Amaranth Cultivars (<i>Amaranthus mangostanus</i> L.) for Cadmium Hyperaccumulation. <i>Agricultural Sciences in China</i> , 2009, 8, 342-351.	0.6	35
214	Effect of Composts, Lime and Diammonium Phosphate on the Phytoavailability of Heavy Metals in a Copper Mine Tailing Soil. <i>Pedosphere</i> , 2009, 19, 631-641.	2.1	68
215	Evaluation of the Efficiency of a Phytostabilization Process with Biological Indicators of Soil Health. <i>Journal of Environmental Quality</i> , 2009, 38, 2041-2049.	1.0	95
216	Prediction of the environmental impact of modern slags: A petrological and chemical comparative study with Roman age slags. <i>American Mineralogist</i> , 2009, 94, 1417-1427.	0.9	23
217	Nitrogen Mineralization and Released Nutrients in a Volcanic Soil Amended with Poultry Litter. <i>Chilean Journal of Agricultural Research</i> , 2010, 70, .	0.4	9
218	Synergistic effects of arbuscular mycorrhizal fungi and phosphate rock on heavy metal uptake and accumulation by an arsenic hyperaccumulator. <i>Journal of Hazardous Materials</i> , 2010, 181, 497-507.	6.5	46
219	Influence of humic acids on the accumulation of copper and cadmium in <i>Vallisneria spiralis</i> L. from sediment. <i>Environmental Earth Sciences</i> , 2010, 61, 1207-1213.	1.3	22

#	ARTICLE	IF	CITATIONS
220	The impact of a copper smelter on adjacent soil zinc and cadmium fractions and soil organic carbon. <i>Journal of Soils and Sediments</i> , 2010, 10, 808-817.	1.5	17
221	Effect of long-term un-treated domestic wastewater re-use on soil quality, wheat grain and straw yields and attributes of fodder quality. <i>Irrigation and Drainage Systems</i> , 2010, 24, 95-112.	0.5	16
222	Soil factors affecting selenium concentration in wheat grain and the fate and speciation of Se fertilisers applied to soil. <i>Plant and Soil</i> , 2010, 332, 19-30.	1.8	84
223	Impact of sulphur fertilisation on crop response to selenium fertilisation. <i>Plant and Soil</i> , 2010, 332, 31-40.	1.8	70
224	Quantifying uptake rate of potassium from soil in a long-term grass rotation experiment. <i>Plant and Soil</i> , 2010, 335, 3-19.	1.8	14
225	Relative impact of soil, metal source and metal concentration on bacterial community structure and community tolerance. <i>Soil Biology and Biochemistry</i> , 2010, 42, 1408-1417.	4.2	19
226	Cadmium release caused by the die-back of the saltmarsh cord grass <i>Spartina anglica</i> in Poole Harbour (UK). <i>Estuarine, Coastal and Shelf Science</i> , 2010, 87, 553-560.	0.9	5
227	Analysis of the spatial variation of heavy metals in the Guadiana Estuary sediments (SW Iberian) <i>Tj ETQq1 1 0.784314 rgBT /Overlock</i> 110	0.9	110
228	Predicting molybdenum toxicity to higher plants: Influence of soil properties. <i>Environmental Pollution</i> , 2010, 158, 3095-3102.	3.7	61
229	Predicting molybdenum toxicity to higher plants: Estimation of toxicity threshold values. <i>Environmental Pollution</i> , 2010, 158, 3085-3094.	3.7	60
230	Acidification, heavy metal mobility and nutrient accumulation in the soil-plant system of a revegetated acid mine wasteland. <i>Chemosphere</i> , 2010, 80, 852-859.	4.2	68
231	Effects of EDTA on phytoextraction of heavy metals (Zn, Mn and Pb) from sludge-amended soil with <i>Brassica napus</i> . <i>Bioresource Technology</i> , 2010, 101, 3978-3983.	4.8	120
232	Chemical characterization and evaluation of composts as organic amendments for immobilizing cadmium. <i>Bioresource Technology</i> , 2010, 101, 5437-5443.	4.8	68
233	Cadmium Tolerance and Accumulation in Cultivars of a High-Biomass Tropical Tree (<i>Averrhoa</i>) <i>Tj ETQq1 1 0.784314 rgBT /Overlock</i> 1262-1268.	1.0	46
234	Soil and nutrient losses in erosion gullies at different degrees of restoration. <i>Revista Brasileira De Ciencia Do Solo</i> , 2010, 34, 945-954.	0.5	12
235	Acúmulo de metais pesados e alterações químicas em Cambissolo cultivado com meloeiro. <i>Revista Brasileira De Engenharia Agrícola E Ambiental</i> , 2010, 14, 791-796.	0.4	8
236	Metal Contamination and Fractionation in Sewage-Irrigated Soils Along the Liangshui River, Beijing, China. <i>Soil and Sediment Contamination</i> , 2010, 19, 487-503.	1.1	3
237	Lead distribution and its potential risk to the environment: Lesson learned from environmental monitoring of abandon mine. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2010, 45, 1702-1714.	0.9	13

#	ARTICLE	IF	CITATIONS
238	Effect of heavy metal contaminated sewage sludge on soil microbiological properties and growth of Indian mustard. Archives of Agronomy and Soil Science, 2010, 56, 563-574.	1.3	6
239	Effect of Ethylenediaminetetraacetic Acid on Growth and Phytoremediative Ability of Two Wheat Varieties. Communications in Soil Science and Plant Analysis, 2010, 41, 1478-1492.	0.6	3
240	Comparison of Chicken Manure and Urea Fertilizers as Potential Soil Amendments for Enhanced Phytoextraction of Heavy Metals. Bioremediation Journal, 2010, 14, 180-188.	1.0	6
241	Assessing potassium reserves in northern temperate grassland soils: A perspective based on quantitative mineralogical analysis and aqua-regia extractable potassium. Geoderma, 2010, 158, 303-314.	2.3	20
242	Effects of multiple heavy metal contamination and repeated phytoextraction by <i>Sedum plumbizincicola</i> on soil microbial properties. European Journal of Soil Biology, 2010, 46, 18-26.	1.4	117
243	<i>Bacillus</i> species enhance growth parameters of chickpea (<i>Cicer arietinum</i> L.) in chromium stressed soils. Food and Chemical Toxicology, 2010, 48, 3262-3267.	1.8	236
244	Effects of humic acids on phytoextraction of Cu and Cd from sediment by <i>Elodea nuttallii</i> . Chemosphere, 2010, 78, 604-608.	4.2	32
245	Dynamics of contaminants in phosphogypsum of the fertilizer industry of Huelva (SW Spain): From phosphate rock ore to the environment. Applied Geochemistry, 2010, 25, 705-715.	1.4	126
246	Chemically enhanced phytoextraction of Pb by wheat in texturally different soils. Chemosphere, 2010, 79, 652-658.	4.2	36
247	Evaluation of ecological risk and primary empirical research on heavy metals in polluted soil over Xiaqingling gold mining region, Shaanxi, China. Transactions of Nonferrous Metals Society of China, 2010, 20, 688-694.	1.7	109
248	Dispersal and mobility of metal contamination across a salt marsh from coastal landfill sites using ammonium nitrate extractions as an indicator. Journal of Environmental Monitoring, 2010, 12, 740-747.	2.1	11
249	Comparison of Organic and Inorganic Amendments for Enhancing Soil Lead Phytoextraction by Wheat (<i>Triticum aestivum</i> L.). International Journal of Phytoremediation, 2010, 12, 633-649.	1.7	17
250	Cadmium and barium toxicity effects on growth and antioxidant capacity of soybean (<i>Glycine</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T Nutrition and Soil Science, 2011, 174, 847-859.	1.1	46
251	Native Plant Communities in an Abandoned Pb-Zn Mining Area of Northern Spain: Implications for Phytoremediation and Germplasm Preservation. International Journal of Phytoremediation, 2011, 13, 256-270.	1.7	80
252	In-Situ Cadmium Phytoremediation using <i>Solanum Nigrum</i> L.: the Bio-Accumulation Characteristics Trail. International Journal of Phytoremediation, 2011, 13, 1014-1023.	1.7	19
253	Recycling of Biomass Ashes. , 2011, , .		16
254	Effect of aging on bioavailability of copper on the fluvo aquic soil. International Journal of Environmental Science and Technology, 2011, 8, 715-722.	1.8	18
255	Long-term impacts of zinc and copper enriched sewage sludge additions on bacterial, archaeal and fungal communities in arable and grassland soils. Soil Biology and Biochemistry, 2011, 43, 932-941.	4.2	65

#	ARTICLE	IF	CITATIONS
256	Heavy metals pollution and the identification of their sources in soil over Xiaoqinling gold-mining region, Shaanxi, China. <i>Environmental Earth Sciences</i> , 2011, 64, 1585-1592.	1.3	37
257	Heavy metals in urban soils of Bristol (UK). Initial screening for contaminated land. <i>Journal of Soils and Sediments</i> , 2011, 11, 1385-1398.	1.5	21
258	Effect of Pb toxicity on the growth and physiology of two ecotypes of <i>Elsholtzia argyi</i> and its alleviation by Zn. <i>Environmental Toxicology</i> , 2011, 26, 403-416.	2.1	15
259	Prospective Application of <i>Leucaena Leucocephala</i> for Phytoextraction of Cd and Zn and Nitrogen Fixation in Metal Polluted Soils. <i>International Journal of Phytoremediation</i> , 2011, 13, 271-288.	1.7	27
260	Chromium and Lead Concentrations in Tomatoes (<i>Solanum Lycopersicum</i>) and Red Peppers (<i>Capsicum Frutescens</i>) Cultivated in Roadside Farmland around High Traffic Density Area of Ibadan, Nigeria. <i>Soil and Sediment Contamination</i> , 2011, 20, 1-11.	1.1	6
261	Development of a Real-Time PCR Assay for Detection and Quantification of <i>Rhizobium leguminosarum</i> Bacteria and Discrimination between Different Biovars in Zinc-Contaminated Soil. <i>Applied and Environmental Microbiology</i> , 2011, 77, 4626-4633.	1.4	24
262	Characterization of Olive Waste Ashes as Fertilizers. , 2011, , 57-68.		9
263	Investigation of the Effect of Mesh Size on the Effectiveness of Hotplate <i>Aqua Regia</i> Extractions. <i>Communications in Soil Science and Plant Analysis</i> , 2011, 42, 159-166.	0.6	1
264	Carbon Dioxide Flux in a Soil Treated with Biosolids Under Semiarid Conditions. <i>Compost Science and Utilization</i> , 2012, 20, 43-48.	1.2	5
265	Visible and Near-Infrared Diffuse Reflectance Spectroscopy for Prediction of Soil Properties near a Copper Smelter. <i>Pedosphere</i> , 2012, 22, 351-366.	2.1	50
266	EFFECTS OF PHYTOREMEDIATION AND APPLICATION OF ORGANIC AMENDMENT ON THE MOBILITY OF HEAVY METALS IN A POLLUTED SOIL PROFILE. <i>International Journal of Phytoremediation</i> , 2012, 14, 212-220.	1.7	12
267	Comparison of Lead Extraction and Detection Procedures for Six Canadian Soils. <i>Communications in Soil Science and Plant Analysis</i> , 2012, 43, 2303-2313.	0.6	1
268	Responses of soil microbial and nematode communities to aluminum toxicity in vegetated oil-shale-waste lands. <i>Ecotoxicology</i> , 2012, 21, 2132-2142.	1.1	9
269	Photoinactivation of virus on iron-oxide coated sand: Enhancing inactivation in sunlit waters. <i>Water Research</i> , 2012, 46, 1763-1770.	5.3	43
270	Cadmium bioavailability in surface soils receiving long-term applications of inorganic fertilizers and pig manure. <i>Geoderma</i> , 2012, 173-174, 224-230.	2.3	63
271	Improved Capillary Electrophoresis Method with a New Buffer for the Determination of Major Cations in Soil Extracts. <i>Communications in Soil Science and Plant Analysis</i> , 2012, 43, 788-798.	0.6	0
272	Selenium speciation in soil extracts using LC-ICP-MS. <i>International Journal of Environmental Analytical Chemistry</i> , 2012, 92, 222-236.	1.8	32
273	Assessing the impact of historical coastal landfill sites on sensitive ecosystems: A case study from Dorset, Southern England. <i>Estuarine, Coastal and Shelf Science</i> , 2012, 114, 166-174.	0.9	14

#	ARTICLE	IF	CITATIONS
274	Biofortification of zinc in wheat grain by the application of sewage sludge. <i>Plant and Soil</i> , 2012, 361, 97-108.	1.8	19
275	Chemical Composition and Fatty Acid Content of Some Spices and Herbs under Saudi Arabia Conditions. <i>Scientific World Journal, The</i> , 2012, 2012, 1-5.	0.8	96
276	Comparative Use of Soil Organic and Inorganic Amendments in Heavy Metals Stabilization. <i>Applied and Environmental Soil Science</i> , 2012, 2012, 1-7.	0.8	27
277	Cadmium distribution in rice plants grown in three different soils after application of pig manure with added cadmium. <i>Environmental Geochemistry and Health</i> , 2012, 34, 481-492.	1.8	28
278	Vermicomposts and/or Arbuscular Mycorrhizal Fungal Inoculation in Relation to Metal Availability and Biochemical Quality of a Soil Contaminated with Heavy Metals. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 2707-2718.	1.1	17
279	Major nutrients, heavy metals and PBDEs in soils after long-term sewage sludge application. <i>Journal of Soils and Sediments</i> , 2012, 12, 531-541.	1.5	38
280	Changes in mobility of hazardous elements during coal combustion in Santa Catarina power plant (Brazil). <i>Fuel</i> , 2012, 94, 495-503.	3.4	185
281	Testing amendments for remediation of military range contaminated soil. <i>Journal of Environmental Management</i> , 2012, 108, 8-13.	3.8	26
282	Assessment to the potential mobility and toxicity of metals and metalloids in soils contaminated by old Sb and Au mines (NW Portugal). <i>Environmental Earth Sciences</i> , 2012, 65, 1215-1230.	1.3	25
283	Phytoremediation Potential of <i>Solanum nigrum</i> L. Under Different Cultivation Protocols. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2013, 91, 306-309.	1.3	22
284	Occurrence and distribution of heavy metals and tetracyclines in agricultural soils after typical land use change in east China. <i>Environmental Science and Pollution Research</i> , 2013, 20, 8342-8354.	2.7	80
286	Evaluation of remediation process with soapberry derived saponin for removal of heavy metals from contaminated soils in Hai-Pu, Taiwan. <i>Journal of Environmental Sciences</i> , 2013, 25, 1180-1185.	3.2	32
287	Reference values for heavy metals in soils of the Brazilian agricultural frontier in Southwestern Amazônia. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 5737-5748.	1.3	51
288	PHOSPHORUS AND ARSENIC UPTAKE BY CORN, WHEAT AND SOYBEAN FROM BROILER LITTER ASH AND EGG LAYER MANURE ASH. <i>Journal of Plant Nutrition</i> , 2013, 36, 1083-1101.	0.9	9
289	Investigation of manganese tolerance and accumulation of two Mn hyperaccumulators <i>Phytolacca americana</i> L. and <i>Polygonum hydropiper</i> L. in the real Mn-contaminated soils near a manganese mine. <i>Environmental Earth Sciences</i> , 2013, 68, 1127-1134.	1.3	20
290	Methods for Extracting Heavy Metals in Soils from the Southwestern Amazon, Brazil. <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1.	1.1	14
291	Formation of a hardpan in the co-disposal of fly ash and sulfide mine tailings and its influence on the generation of acid mine drainage. <i>Chemical Geology</i> , 2013, 355, 45-55.	1.4	22
292	Removal of Cu, Pb and Zn by foam fractionation and a soil washing process from contaminated industrial soils using soapberry-derived saponin: A comparative effectiveness assessment. <i>Chemosphere</i> , 2013, 92, 1286-1293.	4.2	61

#	ARTICLE	IF	CITATIONS
293	Distribution and origin of trace metals in sediments of a marine park (Northern San Jorge Gulf) from Argentina. <i>Marine Pollution Bulletin</i> , 2013, 72, 260-263.	2.3	13
294	Nickel Detoxification and Plant Growth Promotion by Multi Metal Resistant Plant Growth Promoting Rhizobium Species RL9. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2013, 91, 117-124.	1.3	71
295	Chromium reducing and plant growth promoting novel strain <i>Pseudomonas aeruginosa</i> OSG41 enhance chickpea growth in chromium amended soils. <i>European Journal of Soil Biology</i> , 2013, 56, 72-83.	1.4	174
296	The role of mineralogy on element mobility in two sulfide mine tailings from the Iberian Pyrite Belt (SW Spain). <i>Chemical Geology</i> , 2013, 345, 119-129.	1.4	21
297	Historical arsenic contamination of soil due to long-term phosphate fertiliser applications. <i>Environmental Pollution</i> , 2013, 180, 259-264.	3.7	59
298	Bioavailability and Accumulation of Cadmium and Zinc by <i>Sedum plumbizincicola</i> after Liming of an Agricultural Soil Subjected to Acid Mine Drainage. <i>Communications in Soil Science and Plant Analysis</i> , 2013, 44, 1097-1105.	0.6	5
299	The chemistry and parent material of urban soils in Bristol (UK): implications for contaminated land assessment. <i>Environmental Geochemistry and Health</i> , 2013, 35, 53-67.	1.8	12
300	Concentrations of Cu, Fe, Mn, and Zn in tropical soils amended with sewage sludge and composted sewage sludge. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 2929-2938.	1.3	27
301	Phytoremediation of heavy metal contaminated soil using different plant species. <i>African Journal of Biotechnology</i> , 2013, 12, 6185-6192.	0.3	8
302	Facilitation Drives the Positive Effects of Plant Richness on Trace Metal Removal in a Biodiversity Experiment. <i>PLoS ONE</i> , 2014, 9, e93733.	1.1	13
303	Transfer of cadmium and barium from soil to crops grown in tropical soils. <i>Revista Brasileira De Ciencia Do Solo</i> , 2014, 38, 1939-1949.	0.5	23
304	Heavy Metal Content of Soils and Plum Orchards in an Uncontaminated Area. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	1.1	9
305	Trace metal concentrations in <i>Spartina densiflora</i> and associated soil from a Patagonian salt marsh. <i>Marine Pollution Bulletin</i> , 2014, 89, 444-450.	2.3	30
306	Chemical Speciation and Mobility of Some Trace Elements in Vermicomposted Fly Ash. <i>Soil and Sediment Contamination</i> , 2014, 23, 917-931.	1.1	3
307	Long-Term Effects of Biosolid-Amended Soils on Phosphorus, Copper, Manganese, and Zinc Uptake by Wheat. <i>Soil Science</i> , 2014, 179, 21-27.	0.9	12
308	A comparison of the efficacy and ecosystem impact of residual-based and topsoil-based amendments for restoring historic mine tailings in the Tri-State mining district. <i>Science of the Total Environment</i> , 2014, 485-486, 624-632.	3.9	35
309	Chemical Stabilization of Metal-Contaminated Mine Soil: Early Short-Term Soil-Amendment Interactions and Their Effects on Biological and Chemical Parameters. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	1.1	22
310	Total concentrations of heavy metals and occurrence of antibiotics in sewage sludges from cities throughout China. <i>Journal of Soils and Sediments</i> , 2014, 14, 1123-1135.	1.5	91

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311	Green Manure and Overlapped Rhizosphere Effects on Pb Chemical Forms in Soil and Plant Uptake in Maize/Canola Intercrop Systems: A Rhizobox Study. <i>Soil and Sediment Contamination</i> , 2014, 23, 677-690.	1.1	9
312	Field Germination and Survival of Experimentally Introduced Metal Hyperaccumulator <i>Noccaea caerulescens</i> (Brassicaceae) Across a Soil Metal Gradient. <i>American Midland Naturalist</i> , 2014, 171, 229-245.	0.2	2
313	Accumulation of Mn in Leaves of <i>Rosmarinus officinalis</i> Cultivated in Substrates of Pine Bark. <i>Communications in Soil Science and Plant Analysis</i> , 2014, 45, 1961-1973.	0.6	1
314	Field assessment of the effectiveness of organic amendments for aided phytostabilization of a Pb-Zn contaminated mine soil. <i>Journal of Geochemical Exploration</i> , 2014, 145, 181-189.	1.5	77
315	Chromium phytoextraction from tannery effluent-contaminated soil by <i>Crotalaria juncea</i> infested with <i>Pseudomonas fluorescens</i> . <i>Environmental Science and Pollution Research</i> , 2014, 21, 7938-7944.	2.7	4
316	Agro-industrial wastes as effective amendments for ecotoxicity reduction and soil health improvement in aided phytostabilization. <i>Environmental Science and Pollution Research</i> , 2014, 21, 10036-10044.	2.7	14
317	Heavy metal accumulation and phytostabilization potential of dominant plant species growing on manganese mine tailings. <i>Frontiers of Environmental Science and Engineering</i> , 2014, 8, 394-404.	3.3	71
318	STINGING NETTLE (<i>URTICA DIOICAL</i>) GROWTH AND MINERAL UPTAKE FROM LEAD-ARSENATE CONTAMINATED ORCHARD SOILS. <i>Journal of Plant Nutrition</i> , 2014, 37, 393-405.	0.9	7
319	Microbial properties and attributes of ecological relevance for soil quality monitoring during a chemical stabilization field study. <i>Applied Soil Ecology</i> , 2014, 75, 1-12.	2.1	74
320	Label-free Detection of Zn ²⁺ Based on G-quadruplex. <i>Analytical Sciences</i> , 2015, 31, 1041-1045.	0.8	11
321	Estimation of Potentially Toxic Elements Contamination in Anthropogenic Soils on a Brown Coal Mining Dumpsite by Reflectance Spectroscopy: A Case Study. <i>PLoS ONE</i> , 2015, 10, e0117457.	1.1	65
322	Interspecific competition between a non-native metal-hyperaccumulating plant (<i>Noccaea caerulescens</i> ,) <i>Tj ETQq1</i> 1 0.784314 rgBT /Ove 63, 141.	0.3	11
323	Effect of phosphogypsum on growth, physiology, and the antioxidative defense system in sunflower seedlings. <i>Environmental Science and Pollution Research</i> , 2015, 22, 14829-14840.	2.7	43
324	Effects of Amendments on Growth and Uptake of Cd and Zn by Wetland Plants, <i>Typha angustifolia</i> and <i>Colocasia esculenta</i> from Contaminated Sediments. <i>International Journal of Phytoremediation</i> , 2015, 17, 900-906.	1.7	3
325	Potential use of rare earth oxides as tracers of organic matter in grassland. <i>Journal of Plant Nutrition and Soil Science</i> , 2015, 178, 288-296.	1.1	9
326	Broiler Litter Ash and Flue Gas Desulfurization Gypsum Effects on Peanut Yield and Uptake of Nutrients. <i>Communications in Soil Science and Plant Analysis</i> , 2015, 46, 2553-2575.	0.6	9
327	Diffuse reflectance spectroscopy for monitoring lead in landfill agricultural soils of India. <i>Geoderma Regional</i> , 2015, 5, 77-85.	0.9	24
328	Bacterial-assisted cadmium phytoremediation by <i>Ocimum gratissimum</i> L. in polluted agricultural soil: a field trial experiment. <i>International Journal of Environmental Science and Technology</i> , 2015, 12, 3843-3852.	1.8	48

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329	Efficiency of Repeated Phytoextraction of Cadmium and Zinc from an Agricultural Soil Contaminated with Sewage Sludge. <i>International Journal of Phytoremediation</i> , 2015, 17, 575-582.	1.7	18
330	Growth and Cadmium Phytoextraction by Swiss Chard, Maize, Rice, <i>Noccaea caerulescens</i> , and <i>Alyssum murale</i> in pH Adjusted Biosolids Amended Soils. <i>International Journal of Phytoremediation</i> , 2015, 17, 25-39.	1.7	16
331	Accumulation of Lead and Arsenic by Carrots Grown on Lead-Arsenate Contaminated Orchard Soils. <i>Journal of Plant Nutrition</i> , 2015, 38, 509-525.	0.9	20
332	Towards Practical Cadmium Phytoextraction with <i>Noccaea Caerulescens</i> . <i>International Journal of Phytoremediation</i> , 2015, 17, 191-199.	1.7	25
333	Comparing different data preprocessing methods for monitoring soil heavy metals based on soil spectral features. <i>Soil and Water Research</i> , 2015, 10, 218-227.	0.7	125
334	Accumulation of Lead and Arsenic by Potato Grown on Lead-Arsenate-Contaminated Orchard Soils. <i>Communications in Soil Science and Plant Analysis</i> , 2016, 47, 799-807.	0.6	21
335	Screening for the next generation heavy metal hyperaccumulators for dryland decontamination. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 2350-2355.	3.3	14
336	Revegetation of extremely acid mine soils based on aided phytostabilization: A case study from southern China. <i>Science of the Total Environment</i> , 2016, 562, 427-434.	3.9	78
337	Oxytetracycline Toxicity and Its Effect on Phytoremediation by <i>Sedum plumbizincicola</i> and <i>Medicago sativa</i> in Metal-Contaminated Soil. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 8045-8053.	2.4	30
338	Long-term impact of sewage sludge application on soil microbial biomass: An evaluation using meta-analysis. <i>Environmental Pollution</i> , 2016, 219, 1021-1035.	3.7	52
339	Effects of sewage sludge fertilizer on heavy metal accumulation and consequent responses of sunflower (<i>Helianthus annuus</i>). <i>Environmental Science and Pollution Research</i> , 2016, 23, 20168-20177.	2.7	62
340	Effect of spatial resolution of soil data on predictions of eggshell trace element levels in the Rook <i>Corvus frugilegus</i> . <i>Environmental Pollution</i> , 2016, 219, 288-295.	3.7	8
341	Nutrient Availability in a Calcareous Soil Amended with Different Types of Biomass Ash. <i>Communications in Soil Science and Plant Analysis</i> , 2016, 47, 2271-2280.	0.6	5
342	Stormwater Bioretention Systems: Testing the Phosphorus Saturation Index and Compost Feedstocks as Predictive Tools for System Performance. <i>Journal of Environmental Quality</i> , 2016, 45, 98-106.	1.0	11
343	Effect of biochars and microorganisms on cadmium accumulation in rice grains grown in Cd-contaminated soil. <i>Environmental Science and Pollution Research</i> , 2016, 23, 962-973.	2.7	91
344	Nanoparticles within WWTP sludges have minimal impact on leachate quality and soil microbial community structure and function. <i>Environmental Pollution</i> , 2016, 211, 399-405.	3.7	61
345	Biodetection of potential genotoxic pollutants entering the human food chain through ashes used in livestock diets. <i>Food Chemistry</i> , 2016, 205, 81-88.	4.2	6
346	Trace metal speciation and bioavailability in anaerobic digestion: A review. <i>Biotechnology Advances</i> , 2016, 34, 122-136.	6.0	226

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347	Metal solubility and speciation under the influence of waterlogged condition and the presence of wetland plants. <i>Geoderma</i> , 2016, 270, 98-108.	2.3	10
348	Improvement of cadmium phytoremediation after soil inoculation with a cadmium-resistant <i>Micrococcus</i> sp.. <i>Environmental Science and Pollution Research</i> , 2016, 23, 756-764.	2.7	46
349	Hazardous metal pollution in a protected coastal area from Northern Patagonia (Argentina). <i>Environmental Science and Pollution Research</i> , 2017, 24, 6724-6735.	2.7	18
350	Application of <i>Bacillus megaterium</i> MCR-8 improved phytoextraction and stress alleviation of nickel in <i>Vinca rosea</i> . <i>International Journal of Phytoremediation</i> , 2017, 19, 813-824.	1.7	63
351	Nickel Electrodeposition on Silver for the Development of Solid Oxide Fuel Cell Anodes and Catalytic Membranes. <i>Journal of the Electrochemical Society</i> , 2017, 164, D210-D217.	1.3	17
352	Predicting Cadmium Safety Thresholds in Soils Based on Cadmium Uptake by Chinese Cabbage. <i>Pedosphere</i> , 2017, 27, 475-481.	2.1	33
353	Cadmium exposure on tissue-specific cadmium accumulation and alteration of hemoglobin expression in the 4th-instar larvae of <i>Propillocerus akamusi</i> (Tokunaga) under laboratory conditions. <i>Ecotoxicology and Environmental Safety</i> , 2017, 144, 187-192.	2.9	9
354	Long-term effects of aided phytostabilisation on microbial communities of metal-contaminated mine soil. <i>FEMS Microbiology Ecology</i> , 2017, 93, fiw252.	1.3	23
355	Ecosystem services and plant physiological status during endophyte-assisted phytoremediation of metal contaminated soil. <i>Science of the Total Environment</i> , 2017, 584-585, 329-338.	3.9	79
356	Biotoxic impact of heavy metals on growth, oxidative stress and morphological changes in root structure of wheat (<i>Triticum aestivum</i> L.) and stress alleviation by <i>Pseudomonas aeruginosa</i> strain CPSB1. <i>Chemosphere</i> , 2017, 185, 942-952.	4.2	78
357	Characterization of biomass ashes produced at different temperatures from olive-oil-industry and greenhouse vegetable wastes. <i>Fuel</i> , 2017, 208, 1-9.	3.4	39
358	Control of arsenic mobilization in paddy soils by manganese and iron oxides. <i>Environmental Pollution</i> , 2017, 231, 37-47.	3.7	145
359	Accumulation of lead and arsenic in Malabar spinach (<i>Basella alba</i> L.) and sweet potato (<i>Ipomoea batatas</i> L.) leaves grown on urban and orchard soils. <i>Journal of Plant Nutrition</i> , 2017, 40, 2898-2909.	0.9	2
360	Response of <i>Nerium oleander</i> to phosphogypsum amendment and its potential use for phytoremediation. <i>Ecological Engineering</i> , 2017, 99, 164-171.	1.6	23
361	Potential of Napier grass with cadmium-resistant bacterial inoculation on cadmium phytoremediation and its possibility to use as biomass fuel. <i>Chemosphere</i> , 2018, 201, 511-518.	4.2	46
362	Role of <i>Burkholderia cepacia</i> CS8 in Cd-stress alleviation and phytoremediation by <i>Catharanthus roseus</i> . <i>International Journal of Phytoremediation</i> , 2018, 20, 581-592.	1.7	39
363	Accumulation of lead and arsenic by peanut grown on lead and arsenic contaminated soils amended with broiler litter ash or superphosphate. <i>Journal of Plant Nutrition</i> , 2018, 41, 1615-1623.	0.9	2
364	Assessment of toxic impact of metals on proline, antioxidant enzymes, and biological characteristics of <i>Pseudomonas aeruginosa</i> inoculated <i>Cicer arietinum</i> grown in chromium and nickel-stressed sandy clay loam soils. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 290.	1.3	37

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365	Profiling of plants at petroleum contaminated site for phytoremediation. <i>International Journal of Phytoremediation</i> , 2018, 20, 352-361.	1.7	25
366	Assessment of toxicity of heavy metal-contaminated soils toward <i>Collembola</i> in the paddy fields supported by laboratory tests. <i>Environmental Science and Pollution Research</i> , 2018, 25, 16969-16978.	2.7	20
367	Phytoremediated marine sediments as suitable peat-free growing media for production of red robin photinia (<i>Photinia x fraseri</i>). <i>Chemosphere</i> , 2018, 201, 595-602.	4.2	28
368	Risk of Silver Transfer from Soil to the Food Chain Is Low after Long-Term (20 Years) Field Applications of Sewage Sludge. <i>Environmental Science & Technology</i> , 2018, 52, 4901-4909.	4.6	39
369	Improvement of cadmium phytoremediation by <i>Centella asiatica</i> L. after soil inoculation with cadmium-resistant <i>Enterobacter</i> sp. FM-1. <i>Chemosphere</i> , 2018, 202, 280-288.	4.2	39
370	Effect of microorganisms on reducing cadmium uptake and toxicity in rice (<i>Oryza sativa</i> L.). <i>Environmental Science and Pollution Research</i> , 2018, 25, 25690-25701.	2.7	58
371	The effect of olive husk extract compared to the edta on Pb availability and some chemical and biological properties in a Pb-contaminated soil. <i>International Journal of Phytoremediation</i> , 2018, 20, 643-649.	1.7	6
372	Nanoparticles and modified clays influenced distribution of heavy metals fractions in a light-textured soil amended with sewage sludges. <i>Journal of Hazardous Materials</i> , 2018, 343, 208-219.	6.5	36
373	Streambank Alluvial Unit Contributions to Suspended Sediment and Total Phosphorus Loads, Walnut Creek, Iowa, USA. <i>Water (Switzerland)</i> , 2018, 10, 111.	1.2	22
374	Field comparison of the effectiveness of agricultural and nonagricultural organic wastes for aided phytostabilization of a Pb-Zn mine tailings pond in Hunan Province, China. <i>International Journal of Phytoremediation</i> , 2018, 20, 1264-1273.	1.7	7
375	Physical modification of biochar to expose the inner pores and their functional groups to enhance lead adsorption. <i>RSC Advances</i> , 2018, 8, 38270-38280.	1.7	64
376	Growth and metal uptake of edamame [<i>Glycine max</i> (L.) Merr.] on soil amended with biosolids and gypsum. <i>Communications in Soil Science and Plant Analysis</i> , 2018, 49, 2793-2801.	0.6	2
377	Bioavailability and leaching of Cd and Pb from contaminated soil amended with different sizes of biochar. <i>Royal Society Open Science</i> , 2018, 5, 181328.	1.1	38
378	The effect of fly ash on sunflower growth and human health. <i>Environmental Science and Pollution Research</i> , 2018, 25, 35548-35554.	2.7	7
379	Fluorometric determination of zinc(II) by using DNAzyme-modified magnetic microbeads. <i>Mikrochimica Acta</i> , 2018, 185, 447.	2.5	10
380	Metal biomonitoring in a Patagonian salt marsh. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 598.	1.3	5
381	OsWRKY28 Regulates Phosphate and Arsenate Accumulation, Root System Architecture and Fertility in Rice. <i>Frontiers in Plant Science</i> , 2018, 9, 1330.	1.7	61
382	Contamination and Soil Biological Properties in the Serra Pelada Mine - Amazonia, Brazil. <i>Revista Brasileira De Ciencia Do Solo</i> , 2018, 42, .	0.5	9

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383	Effective methods to reduce cadmium accumulation in rice grain. <i>Chemosphere</i> , 2018, 207, 699-707.	4.2	170
384	Thermal stability, chemical speciation and leaching characteristics of hazardous trace elements in FGD gypsum from coal-fired power plants. <i>Fuel</i> , 2018, 231, 94-100.	3.4	54
385	Dietary cadmium intake from rice and vegetables and potential health risk: A case study in Xiangtan, southern China. <i>Science of the Total Environment</i> , 2018, 639, 271-277.	3.9	231
386	Speciation analysis and leaching behaviors of selected trace elements in spent SCR catalyst. <i>Chemosphere</i> , 2018, 207, 440-448.	4.2	45
387	Phytoremediation of Mn-contaminated paddy soil by two hyperaccumulators (<i>Phytolacca americana</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 2018, 25, 25933-25941.	2.7	15
388	Defining a standard method to measure the total and bioavailable concentration of fluorine in New Zealand soils. <i>Microchemical Journal</i> , 2018, 142, 94-101.	2.3	9
389	Screening of Indigenous Ornamental Species from Different Plant Families for Pb Accumulation Potential Exposed to Metal Gradient in Spiked Soils. <i>Soil and Sediment Contamination</i> , 2018, 27, 439-453.	1.1	33
390	Using rule-based regression models to predict and interpret soil properties from X-ray powder diffraction data. <i>Geoderma</i> , 2018, 329, 43-53.	2.3	16
391	Potentially toxic elements to maize in agricultural soilsâ€™ microbial approach of rhizospheric and bulk soils and phytoaccumulation. <i>Environmental Science and Pollution Research</i> , 2018, 25, 23954-23972.	2.7	3
392	Holocene background concentrations and actual enrichment factors of metals in sediments from Ria Formosa, Portugal. <i>Marine Pollution Bulletin</i> , 2019, 149, 110533.	2.3	11
393	Manganese accumulation and plant physiology behavior of <i>Camellia oleifera</i> in response to different levels of nitrogen fertilization. <i>Ecotoxicology and Environmental Safety</i> , 2019, 184, 109603.	2.9	40
394	Growth and Metal Uptake of Lettuce [<i>Lactuca Sativa</i> L] on Soil Amended with Biosolids and Gypsum. <i>Communications in Soil Science and Plant Analysis</i> , 2019, 50, 2033-2040.	0.6	4
395	Optimization of plant hormonal balance by microorganisms prevents plant heavy metal accumulation. <i>Journal of Hazardous Materials</i> , 2019, 379, 120787.	6.5	33
396	Effects of biochar-immobilized bacteria on phytoremediation of cadmium-polluted soil. <i>Environmental Science and Pollution Research</i> , 2019, 26, 23679-23688.	2.7	54
397	Treatment of petroleum hydrocarbons contaminated soil by Fenton like oxidation. <i>Chemosphere</i> , 2019, 232, 377-386.	4.2	41
398	Investigation of the role of chromium reductase for Cr (VI) reduction by <i>Pseudomonas</i> species isolated from Cr (VI) contaminated effluent. <i>Biotechnology Research and Innovation</i> , 2019, 3, 38-46.	0.3	40
399	Heavy metal mediated phytotoxic impact on winter wheat: oxidative stress and microbial management of toxicity by <i>Bacillus subtilis</i> BM2. <i>RSC Advances</i> , 2019, 9, 6125-6142.	1.7	44
400	Chromium-reducing and phosphate-solubilizing <i>Achromobacter xylosoxidans</i> bacteria from the heavy metal-contaminated soil of the Brass city, Moradabad, India. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 6967-6984.	1.8	15

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401	Transfer and biological effects of arsenate from soil through a plant-aphid system to the parasitoid wasp, <i>Aphidius colemani</i> . <i>Ecotoxicology and Environmental Safety</i> , 2019, 173, 305-313.	2.9	8
402	Effects of phosphorus amended low phosphorus soil on soybean (<i>Glycine max</i> L.) and wheat(<i>Triticum</i>) Tj ETQq1 1 0.784314 rgBT /Overlo	0.9	11
403	Effects of freezing-thawing and wetting-drying on heavy metal leaching from biosolids. <i>Water Environment Research</i> , 2019, 91, 465-474.	1.3	5
404	Iron-Manganese (Oxyhydro)oxides, Rather than Oxidation of Sulfides, Determine Mobilization of Cd during Soil Drainage in Paddy Soil Systems. <i>Environmental Science & Technology</i> , 2019, 53, 2500-2508.	4.6	236
405	Estimating the amount of cadmium and lead in the polluted soil using artificial intelligence models. <i>European Journal of Environmental and Civil Engineering</i> , 2022, 26, 933-951.	1.0	23
406	Retrospective monitoring of the spatial variability of crystalline iron in soils of the east shore of Urmia Lake, Iran using remotely sensed data and digital maps. <i>Geoderma</i> , 2019, 337, 1196-1207.	2.3	17
407	Effect of near-road soil contamination on <i>Solanum lycopersicum</i> L., <i>Cicer arietinum</i> L. and <i>Cucumis sativus</i> L.. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 3467-3482.	1.8	7
408	Randomized Linear Programming Solves the Markov Decision Problem in Nearly Linear (Sometimes) Tj ETQq1 1 0.784314 rgBT /Overlo	0.8	11
409	Effect of Salt-Tolerant Bacterial Inoculations on Rice Seedlings Differing in Salt-Tolerance under Saline Soil Conditions. <i>Agronomy</i> , 2020, 10, 1030.	1.3	36
410	Mineral sources of aqua regia extractable base cations in Scottish soils interpreted from Cubist models trained with quantitative mineralogy data. <i>Chemical Geology</i> , 2020, 551, 119773.	1.4	3
411	Evaluation of Metal Tolerance of Fungal Strains Isolated from Contaminated Mining Soil of Nanjing, China. <i>Biology</i> , 2020, 9, 469.	1.3	45
412	Environmental and human health risks of arsenic in gold mining areas in the eastern Amazon. <i>Environmental Pollution</i> , 2020, 265, 114969.	3.7	47
413	Role of NADH-dependent chromium reductases, exopolysaccharides and antioxidants by <i>Paenibacillus thiaminolyticus</i> PS 5 against damage induced by reactive oxygen species. <i>Chemistry and Ecology</i> , 2020, 36, 663-684.	0.6	10
414	The Use of a Two-Dimensional Electrical Resistivity Tomography (2D-ERT) as a Technique for Cadmium Determination in Cacao Crop Soils. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4149.	1.3	18
415	Translocation and bioaccumulation of trace metals from industrial effluent to locally grown vegetables and assessment of human health risk in Bangladesh. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	23
416	The within-field spatial variation in rice grain Cd concentration is determined by soil redox status and pH during grain filling. <i>Environmental Pollution</i> , 2020, 261, 114151.	3.7	55
417	Mitigation effects of the microbial fuel cells on heavy metal accumulation in rice (<i>Oryza sativa</i> L.). <i>Environmental Pollution</i> , 2020, 260, 113989.	3.7	21
418	Spatial distribution of iron forms and features in the dried lake bed of Urmia Lake of Iran. <i>Geoderma Regional</i> , 2020, 21, e00275.	0.9	10

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419	Producing Cd-safe rice grains in moderately and seriously Cd-contaminated paddy soils. <i>Chemosphere</i> , 2021, 267, 128893.	4.2	25
420	Synergistic effects of nitric oxide and silicon on promoting plant growth, oxidative stress tolerance and reduction of arsenic uptake in <i>Brassica juncea</i> . <i>Chemosphere</i> , 2021, 262, 128384.	4.2	102
421	Reducing cadmium bioavailability and accumulation in vegetable by an alkalizing bacterial strain. <i>Science of the Total Environment</i> , 2021, 758, 143596.	3.9	18
422	Optimization of biosurfactant production from <i>Pseudomonas</i> sp. CQ2 and its application for remediation of heavy metal contaminated soil. <i>Chemosphere</i> , 2021, 265, 129090.	4.2	56
423	Cadmium phytoremediation performance of two species of <i>Chlorophytum</i> and enhancing their potentials by cadmium-resistant bacteria. <i>Environmental Technology and Innovation</i> , 2021, 21, 101311.	3.0	12
424	Effect of modified corn residue biochar on chemical fractions and bioavailability of cadmium in contaminated soil. <i>Chemistry and Ecology</i> , 2021, 37, 252-267.	0.6	4
425	<i>Enterobacter</i> sp. FM-1 inoculation influenced heavy metal-induced oxidative stress in pakchoi (<i>Brassica</i>) Tj ETQq0 0 0 rgBT /Overlock 10 lead co-contaminated soils. <i>Plant and Soil</i> , 2021, 459, 155-171.	1.8	21
426	Cadmium speciation and release kinetics in a paddy soil as affected by soil amendments and flooding-draining cycle. <i>Environmental Pollution</i> , 2021, 268, 115944.	3.7	27
427	Phytoremediation of soil co-contaminated with zinc and crude oil using <i>Ocimum gratissimum</i> (L.) in association with <i>Pseudomonas putida</i> MU02. <i>International Journal of Phytoremediation</i> , 2021, 23, 181-189.	1.7	14
428	Identification of microbial signatures linked to oilseed rape yield decline at the landscape scale. <i>Microbiome</i> , 2021, 9, 19.	4.9	31
429	Plant Available Zinc Is Influenced by Landscape Position in the Amhara Region, Ethiopia. <i>Plants</i> , 2021, 10, 254.	1.6	11
430	Evaluation of interaction among indigenous rhizobacteria and <i>Vigna unguiculata</i> on remediation of metal-containing abandoned magnesite mine tailing. <i>Archives of Microbiology</i> , 2021, 203, 1399-1410.	1.0	18
431	Antibiotic Resistance in Agricultural Soil and Crops Associated to the Application of Cow Manure-Derived Amendments From Conventional and Organic Livestock Farms. <i>Frontiers in Veterinary Science</i> , 2021, 8, 633858.	0.9	23
432	Enhanced Sorption of Cadmium by using Biochar Nanoparticles from Ball Milling in a Sandy Soil. <i>Eurasian Soil Science</i> , 2021, 54, 201-211.	0.5	19
433	Influence of cadmium-resistant <i>Streptomyces</i> on plant growth and cadmium uptake by <i>Chlorophytum comosum</i> (Thunb.) Jacques. <i>Environmental Science and Pollution Research</i> , 2021, 28, 39398-39408.	2.7	8
434	Agricultural Soils Amended With Thermally-Dried Anaerobically-Digested Sewage Sludge Showed Increased Risk of Antibiotic Resistance Dissemination. <i>Frontiers in Microbiology</i> , 2021, 12, 666854.	1.5	12
435	Residual Effects of Long-term Biosolids Application on Concentrations of Carbon, Cadmium, Copper, Lead and Zinc in Soils from Two Regions of the United States. <i>Communications in Soil Science and Plant Analysis</i> , 2021, 52, 896-904.	0.6	2
436	Zinc and copper fractions in Oxisols of different textures fertilized with pig slurry. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , 2021, 25, 386-392.	0.4	2

#	ARTICLE	IF	CITATIONS
437	Free Radicals Produced from the Oxidation of Ferrous Sulfides Promote the Remobilization of Cadmium in Paddy Soils During Drainage. <i>Environmental Science & Technology</i> , 2021, 55, 9845-9853.	4.6	63
438	Continental-scale controls on soil organic carbon across sub-Saharan Africa. <i>Soil</i> , 2021, 7, 305-332.	2.2	30
439	Impact of copper mining wastes in the Amazon: Properties and risks to environment and human health. <i>Journal of Hazardous Materials</i> , 2022, 421, 126688.	6.5	43
440	Biochar application improves lettuce (<i>Lactuca sativa</i> L.) growth in a lead-contaminated calcareous soil. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	2
441	Influence of urban sewage sludge amendment on agricultural soil parameters. <i>Environmental Technology and Innovation</i> , 2021, 23, 101642.	3.0	35
442	Can agri-environment initiatives control sediment loss in the context of extreme winter rainfall?. <i>Journal of Cleaner Production</i> , 2021, 311, 127593.	4.6	11
443	Decontamination of soil polluted by hydrocarbons. <i>Materials Today: Proceedings</i> , 2021, 49, 1013-1013.	0.9	1
444	The Distribution of Soil Micro-Nutrients and the Effects on Herbage Micro-Nutrient Uptake and Yield in Three Different Pasture Systems. <i>Agronomy</i> , 2021, 11, 1731.	1.3	1
445	Long Term Application of Fertilizers in Eastern Amazon and Effect on Uranium and Thorium Levels in Soils. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 994.	0.8	7
446	Environmental Impact of Potentially Toxic Elements on Tropical Soils Used for Large-Scale Crop Commodities in the Eastern Amazon, Brazil. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 990.	0.8	3
447	The potential for colour to provide a robust alternative to high-cost sediment source fingerprinting: Assessment using eight catchments in England. <i>Science of the Total Environment</i> , 2021, 792, 148416.	3.9	11
448	Artisanal gold mining in the eastern Amazon: Environmental and human health risks of mercury from different mining methods. <i>Chemosphere</i> , 2021, 284, 131220.	4.2	29
449	Investigation of the soil properties that affect Olsen P critical values in different soil types and impact on P fertiliser recommendations. <i>European Journal of Soil Science</i> , 2021, 72, 1802-1816.	1.8	12
450	Chemical composition of organically and conventionally grown fruits of raspberry (<i>Rubus idaeus</i> L.) cv. Willamette. <i>Acta Agriculturae Serbica</i> , 2021, 26, 83-88.	0.1	5
451	Phytoremediation Efficiency of Edible and Economical Crops on Waste Dumps of Bauxite Mines, Salem District, Tamil Nadu, India. , 2013, , 493-508.		4
452	Levels of copper, zinc and manganese in the vineyard soils of "Alentejo wine region" Portugal. , 1997, , 469-477.		1
453	Availability and Toxic Level of Cadmium, Lead and Nickel in Contaminated Soils. <i>Communications in Soil Science and Plant Analysis</i> , 2020, 51, 1341-1356.	0.6	6
454	TRACE METAL SOLUBILITY AND SPECIATION IN A CALCAREOUS SOIL 18 YEARS AFTER NO-TILL SLUDGE APPLICATION. <i>Soil Science</i> , 2000, 165, 646-656.	0.9	35

#	ARTICLE	IF	CITATIONS
455	Assessment of Plants at Petroleum Contaminated Site for Phytoremediation. , 0, , .		3
456	Biomass carbon measurements and substrate utilization patterns of microbial populations from soils amended with cadmium, copper, or zinc. Applied and Environmental Microbiology, 1997, 63, 39-43.	1.4	156
457	Potential for Phytoextraction of Zinc and Cadmium from Soils Using Hyperaccumulator Plants. , 1999, , .		6
458	Comprehensive nutrient analysis in agricultural organic amendments through non-destructive assays using machine learning. PLoS ONE, 2020, 15, e0242821.	1.1	6
459	Impactos da aplicaÃ§Ã£o de biossÃ³lidos na microbiota de solos tropicais. Revista Brasileira De Ciencia Do Solo, 2008, 32, 1129-1138.	0.5	14
460	Background levels of some trace elements in weathered soils from the Brazilian Northern region. Scientia Agricola, 2010, 67, 53-59.	0.6	16
461	ASSESSMENT OF THE TOXICITY OF METALS IN SOILS AMENDED WITH SEWAGE SLUDGE USING A CHEMICAL SPECIATION TECHNIQUE AND A lux-BASED BIOSENSOR. Environmental Toxicology and Chemistry, 1999, 18, 659.	2.2	67
462	Atomic Absorption and Flame Emission Spectrometry. Soil Science Society of America Book Series, 0, , 65-90.	0.3	26
463	Title is missing!. ScienceAsia, 2010, 36, 349.	0.2	43
464	Accumulation and Movement of Four Potentially Toxic Elements in Soils Throughout Five Years, During and After Biosolid Application. American Journal of Environmental Sciences, 2008, 4, 576-582.	0.3	4
465	Bioremediation of Lead by a Plant Growth Promoting Rhizobium Species RL9. , 2012, 2, 66-78.		25
466	Dissemination of Heavy Metals and Tolerant Bacteria along Zarqa River (Jordan). Journal of Biological Sciences, 2013, 13, 100-111.	0.1	3
467	Determination and Quantification of Vanadium(V) in Environmental Samples Using Chemically Modified Chitosan Sorbent. Journal of Encapsulation and Adsorption Sciences, 2014, 04, 53-61.	0.3	3
468	Biosolid amendment of a calcareous, degraded soil in a semi-arid environment. Spanish Journal of Agricultural Research, 2006, 4, 47.	0.3	10
469	Effects of sewage sludge on bio-accumulation of heavy metals in tomato seedlings. Spanish Journal of Agricultural Research, 2017, 14, e0807.	0.3	14
470	Heavy Metals Bioaccumulation and Health Risks with Associated Histopathological Changes in <i>Clarias gariepinus</i> from the Kado Fish Market, Abuja, Nigeria. Journal of Health and Pollution, 2020, 10, 200602.	1.8	21
471	Effect of phosphorus fertilizers on yield and cadmium content of potato tubers. Acta Agriculturae Serbica, 2017, 22, 37-46.	0.1	6
472	Root architecture, rooting profiles and physiological responses of potential slope plants grown on acidic soil. PeerJ, 2020, 8, e9595.	0.9	5

#	ARTICLE	IF	CITATIONS
473	Effects of amendments on soil chemical properties, alfalfa yield and nutrient uptake. <i>Journal of Plant Nutrition</i> , 2022, 45, 33-48.	0.9	4
474	Physicochemical properties of the soil, and the toxicity of heavy metals to rhizobia infecting pea and Egyptian clover in soil and liquid culture. <i>Acta Agronomica Hungarica: an International Multidisciplinary Journal in Agricultural Science</i> , 2009, 57, 205-213.	0.2	0
475	The content of heavy metals in soils and <i>Populus nigra</i> leaves from the protective zone of the G _{og} ³w copper smelter. , 2010, , 391-395.		0
476	Prevalence of Heavy Metal and Antibiotic Resistance in Bacterial Isolates from Metal Polluted Soils. , 2013, 4, 12-21.		1
478	Sustainable Cities and Soil Quality of Green Spaces. <i>IOSR Journal of Environmental Science, Toxicology and Food Technology</i> , 2017, 11, 65-69.	0.1	0
479	Effects of ammonium nitrate encapsulated with coal combustion byproducts on nutrient accumulation by corn and rye. <i>Journal of Plant Nutrition</i> , 2017, 40, 1702-1709.	0.9	0
480	Content of Heavy Metals in Soil and in Pineapple Fertilized With Sewage Sludge. <i>Journal of Agricultural Science</i> , 2019, 11, 281.	0.1	3
481	EspeciaÃ§Ão geoquÃmica do ferro e manganÃs em plintossolos sob efeito da inundaÃ§Ão prolongada. , 0, , .		1
482	Variations in soil potentially toxic metal contaminants along roads of the Sfax region, Tunisia. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	1.3	0
483	The relative contributions of root uptake and remobilization to the loading of Cd and As into rice grains: Implications in simultaneously controlling grain Cd and As accumulation using a segmented water management strategy. <i>Environmental Pollution</i> , 2022, 293, 118497.	3.7	47
484	Long-term fertility experiments for irrigated rice in the West African Sahel: Effect on macro- and micronutrient concentrations in plant and soil. <i>Field Crops Research</i> , 2022, 275, 108357.	2.3	8
485	The Safe Urban Harvests Study: A Community-Driven Cross-Sectional Assessment of Metals in Soil, Irrigation Water, and Produce from Urban Farms and Gardens in Baltimore, Maryland. <i>Environmental Health Perspectives</i> , 2021, 129, 117004.	2.8	13
486	Reduction of the resistome risk from cow slurry and manure microbiomes to soil and vegetable microbiomes. <i>Environmental Microbiology</i> , 2021, 23, 7643-7660.	1.8	6
487	Magnetization Improved Fine Particle Biochar Adsorption of Lead. <i>Soil and Sediment Contamination</i> , 2022, 31, 633-654.	1.1	7
488	Efficiency of Rice Husk Biochar with Poultry Litter Co-Composts in Oxisols for Improving Soil Physico-Chemical Properties and Enhancing Maize Performance. <i>Agronomy</i> , 2021, 11, 2409.	1.3	2
489	Soil amendments with ZnSO ₄ or MnSO ₄ are effective at reducing Cd accumulation in rice grain: An application of the voltaic cell principle. <i>Environmental Pollution</i> , 2022, 294, 118650.	3.7	11
490	Portable X-ray fluorescence (pXRF) calibration for analysis of nutrient concentrations and trace element contaminants in fertilisers. <i>PLoS ONE</i> , 2022, 17, e0262460.	1.1	9
491	Mechanism underlying how a chitosan-based phosphorus adsorbent alleviates cadmium-induced oxidative stress in <i>Bidens pilosa</i> L. and its impact on soil microbial communities: A field study. <i>Chemosphere</i> , 2022, 295, 133943.	4.2	11

#	ARTICLE	IF	CITATIONS
492	Effects of long-term phosphate fertilization on potential risks of emerging contaminants in agroecosystems of the eastern Amazon, Brazil. <i>Environmental Pollutants and Bioavailability</i> , 2022, 34, 74-87.	1.3	2
493	Levels and environmental risks of rare earth elements in a gold mining area in the Amazon. <i>Environmental Research</i> , 2022, 211, 113090.	3.7	11
499	Vermiculite Mining Waste Enriched with Elemental Sulfur as a Chemical Conditioner for Alkaline Saline Soils. <i>Communications in Soil Science and Plant Analysis</i> , 0, , 1-14.	0.6	0
500	Effect of arbuscular mycorrhizal fungi on soil properties, mineral nutrition and antioxidant enzymes of olive plants under treated wastewater irrigation. <i>South African Journal of Botany</i> , 2022, 148, 710-719.	1.2	2
501	Geochemical Background for Potentially Toxic Elements in Forested Soils of the State of Pará, Brazilian Amazon. <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 674.	0.8	5
502	Sulfate availability and soil selenate adsorption alleviate selenium toxicity in rice plants. <i>Environmental and Experimental Botany</i> , 2022, 201, 104971.	2.0	7
504	Effective and simultaneous removal of heavy metals and neutralization of acid mine drainage using an attapulgite-soda residue based adsorbent. <i>Science of the Total Environment</i> , 2022, 843, 157120.	3.9	9
505	Cereal grain mineral micronutrient and soil chemistry data from GeoNutrition surveys in Ethiopia and Malawi. <i>Scientific Data</i> , 2022, 9, .	2.4	13
507	The effect of soil type on yield and micronutrient content of pasture species. <i>PLoS ONE</i> , 2022, 17, e0277091.	1.1	4
508	Water quality and ecological stress of fish in the Bandama River Estuary (Cote d'Ivoire, West Africa). <i>Journal of Ecology and the Natural Environment</i> , 2022, 14, 56-63.	0.2	0
509	Cadmium-resistant <i>Streptomyces</i> stimulates phytoextraction potential of <i>Crotalaria juncea</i> L. in cadmium-polluted soil. <i>International Journal of Phytoremediation</i> , 0, , 1-10.	1.7	0
510	Agricultural Use of Urban Sewage Sludge from the Wastewater Station in the Municipality of Alexandria in Romania. <i>Water (Switzerland)</i> , 2023, 15, 458.	1.2	7
511	Mesorhizobium improves chickpea growth under chromium stress and alleviates chromium contamination of soil. <i>Journal of Environmental Management</i> , 2023, 338, 117779.	3.8	13
512	Rapid identification of high and low cadmium (Cd) accumulating rice cultivars using machine learning models with molecular markers and soil Cd levels as input data. <i>Environmental Pollution</i> , 2023, 326, 121501.	3.7	2
514	Sulfate supply decreases barium availability, uptake, and toxicity in lettuce plants grown in a tropical Ba-contaminated soil. <i>Environmental Science and Pollution Research</i> , 2023, 30, 53938-53947.	2.7	2
515	Ecosystem Protection through Myco-Remediation of Chromium and Arsenic. <i>Journal of Xenobiotics</i> , 2023, 13, 159-171.	2.9	6
516	Machine learning methods to predict cadmium (Cd) concentration in rice grain and support soil management at a regional scale. <i>Fundamental Research</i> , 2023, , .	1.6	8
517	Induced development of oxytetracycline tolerance in bacterial communities from soil amended with well-aged cow manure. <i>Ecotoxicology</i> , 2023, 32, 418-428.	1.1	3

#	ARTICLE	IF	CITATIONS
527	The Broadbalk Wheat Experiment, Rothamsted, UK: Crop yields and soil changes during the last 50 years. <i>Advances in Agronomy</i> , 2024, , 173-298.	2.4	1