

# Role of organic amendments on enhanced bioremediation of contaminated soils

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Phytostabilization. <i>Advances in Agronomy</i> , 2011, , 145-204.	2.4	217
2	Copper distribution and hydrolase activities in a contaminated soil amended with dolomitic limestone and compost. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 2013-2019.	2.9	51
3	Stimulation of ROS-scavenging systems in squash ( <i>Cucurbita pepo</i> L.) plants by compost supplementation under normal and low temperature conditions. <i>Scientia Horticulturae</i> , 2011, 130, 862-868.	1.7	27
4	Using response surface methodology to assess the effects of iron and spent mushroom substrate on arsenic phytotoxicity in lettuce ( <i>Lactuca sativa</i> L.). <i>Journal of Hazardous Materials</i> , 2011, 192, 381-7.	6.5	15
5	Heavy Metal Contamination of Soil, Its Risk Assessment and Bioremediation. <i>Geosystem Engineering</i> , 2011, 14, 191-206.	0.7	22
6	Biochar Reduces Copper Toxicity in <i>Chenopodium quinoa</i> Willd. in a Sandy Soil. <i>Journal of Environmental Quality</i> , 2012, 41, 1157-1165.	1.0	82
7	PLANT AVAILABILITY OF NICKEL AS INFLUENCED BY FARMYARD MANURE AND ITS CRITICAL TOXIC LIMITS IN FRENCH BEAN. <i>Journal of Plant Nutrition</i> , 2012, 35, 384-395.	0.9	10
8	Effect of Sludge Amendment on Remediation of Metal Contaminated Soils. <i>Minerals (Basel)</i> , Tj ETQq1 1 0.784314 ggBT /Overlock 10 11	0.8	11
9	The Influence of Biochar and Black Carbon on Reduction and Bioavailability of Chromate in Soils. <i>Journal of Environmental Quality</i> , 2012, 41, 1175-1184.	1.0	171
10	Effects of Biotic and Abiotic Amendments on Phytoremediation Efficiency Applied to Metal-Polluted Soils. , 2012, , 308-317.		0
11	The Influence of Wastewater Irrigation on the Transformation and Bioavailability of Heavy Metal(Loid)s in Soil. <i>Advances in Agronomy</i> , 2012, 115, 215-297.	2.4	67
12	Effects of AM Inoculation and Organic Amendment, Alone or in Combination, on Growth, P Nutrition, and Heavy-Metal Uptake of Tobacco in Pb-Cd-Contaminated Soil. <i>Journal of Plant Growth Regulation</i> , 2012, 31, 549-559.	2.8	56
13	Trace element reactivity in FeS-rich estuarine sediments: Influence of formation environment and acid sulfate soil drainage. <i>Science of the Total Environment</i> , 2012, 438, 463-476.	3.9	33
14	Effects of Arbuscular Mycorrhizal Inoculation and Cattle Manure on Cadmium Uptake by Tobacco. , 2012, , .		0
15	Phytoremediation of a soil contaminated by heavy metals and boron using castor oil plants and organic matter amendments. <i>Journal of Geochemical Exploration</i> , 2012, 123, 3-7.	1.5	64
16	Use of Biosolids for Phytocapping of Landfill Soil. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 2695-2705.	1.1	27
17	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
18	Exploring mixed microbial community functioning: recent advances in metaproteomics. <i>FEMS Microbiology Ecology</i> , 2012, 80, 265-280.	1.3	106

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19	Evaluation of the potential capacity as biosorbents of two MSW composts with different Cu, Pb and Zn concentrations. <i>Bioresource Technology</i> , 2012, 104, 810-813.	4.8	54
20	Laboratory based experiments to assess the use of green and food based compost to improve water quality in a Sustainable Drainage (SUDS) device such as a swale. <i>Science of the Total Environment</i> , 2012, 424, 337-343.	3.9	18
21	Review of Pb availability and toxicity to plants in relation with metal speciation; role of synthetic and natural organic ligands. <i>Journal of Hazardous Materials</i> , 2012, 219-220, 1-12.	6.5	308
22	Rhizoreduction of arsenate and chromate in Australian native grass, shrub and tree vegetation. <i>Plant and Soil</i> , 2013, 367, 615-625.	1.8	25
23	Effects of sewage sludge and nitrogen fertilizer on herbage growth and soil fertility improvement in restoration of the abandoned opencast mining areas in Shanxi, China. <i>Environmental Earth Sciences</i> , 2013, 70, 3323-3333.	1.3	40
25	Clean Coal Technology Combustion Products. <i>Advances in Agronomy</i> , 2013, , 309-370.	2.4	10
26	Contribution of AM inoculation and cattle manure to lead and cadmium phytoremediation by tobacco plants. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 794.	1.7	37
27	The Role of Bioretention Systems in the Treatment of Stormwater. <i>Advances in Agronomy</i> , 2013, , 223-274.	2.4	33
28	Diverse effects of arsenic on selected enzyme activities in soil-plant-microbe interactions. <i>Journal of Hazardous Materials</i> , 2013, 262, 685-690.	6.5	31
29	Water extraction kinetics of metals, arsenic and dissolved organic carbon from industrial contaminated poplar leaves. <i>Journal of Environmental Sciences</i> , 2013, 25, 2451-2459.	3.2	64
30	Removal of Metals and Acidity from Acid Mine Drainage Using Liquid and Dried Digested Sewage Sludge and Cattle Slurry. <i>Mine Water and the Environment</i> , 2013, 32, 108-120.	0.9	13
31	Assessment of heavy metal contamination and bioaccumulation in soybean plants from mining and smelting areas of southern Hunan Province, China. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 2719-2727.	2.2	38
32	Soil Immobilization of Heavy Metal Using Soil Amendments in a Greenhouse Study. <i>Compost Science and Utilization</i> , 2013, 21, 156-163.	1.2	2
33	Arsenic and selenium mobilisation from organic matter treated mine spoil with and without inorganic fertilisation. <i>Environmental Pollution</i> , 2013, 173, 238-244.	3.7	77
34	Promising Pathway for Algal Biofuels through Wastewater Cultivation and Hydrothermal Conversion. <i>Energy &amp; Fuels</i> , 2013, 27, 857-867.	2.5	127
35	Biochars immobilize soil cadmium, but do not improve growth of emergent wetland species <i>Juncus subsecundus</i> in cadmium-contaminated soil. <i>Journal of Soils and Sediments</i> , 2013, 13, 140-151.	1.5	92
36	Carbon storage in a heavy clay soil landfill site after biosolid application. <i>Science of the Total Environment</i> , 2013, 465, 216-225.	3.9	50
37	Sorption-bioavailability nexus of arsenic and cadmium in variable-charge soils. <i>Journal of Hazardous Materials</i> , 2013, 261, 725-732.	6.5	56

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38	Cadmium Contamination and Its Risk Management in Rice Ecosystems. <i>Advances in Agronomy</i> , 2013, , 183-273.	2.4	115
39	Role of organic amendment application on greenhouse gas emission from soil. <i>Science of the Total Environment</i> , 2013, 465, 72-96.	3.9	375
40	Chromium Contamination and Its Risk Management in Complex Environmental Settings. <i>Advances in Agronomy</i> , 2013, 120, 129-172.	2.4	110
41	Ultrasound-assisted single extraction tests for rapid assessment of metal extractability from soils by total reflection X-ray fluorescence. <i>Journal of Hazardous Materials</i> , 2013, 260, 202-209.	6.5	29
42	Modeling adsorption kinetics of trichloroethylene onto biochars derived from soybean stover and peanut shell wastes. <i>Environmental Science and Pollution Research</i> , 2013, 20, 8364-8373.	2.7	92
43	Microbial Transformation of Trace Elements in Soils in Relation to Bioavailability and Remediation. <i>Reviews of Environmental Contamination and Toxicology</i> , 2013, 225, 1-56.	0.7	41
44	Cadmium Accumulation Retard Activity of Functional Components of Photo Assimilation And Growth of Rice Cultivars Amended with Vermicompost. <i>International Journal of Phytoremediation</i> , 2013, 15, 965-978.	1.7	16
45	Effects of Time and Glucose-C on the Fractionation of Zn and Cu in a Slightly Acidic Soil. <i>Communications in Soil Science and Plant Analysis</i> , 2013, 44, 722-732.	0.6	5
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47	Assessment on the Environment Risk of Heavy Metals in the Soil of Anhui Province (China) by Pollution Index Method. <i>Advanced Materials Research</i> , 0, 864-867, 793-796.	0.3	0
48	Use of a Rhizosphere-Based Method for the Assessment of Heavy-Metal Bioavailability in Soils Amended with Polluted Sewage Sludge. <i>Communications in Soil Science and Plant Analysis</i> , 2013, 44, 1599-1609.	0.6	2
49	THE INFLUENCE OF ORGANIC MATTER ON YIELD AND QUALITY OF WINTER WHEAT <i>Triticum aestivum</i> ssp. <i>vulgare</i> (L.) CULTIVATED ON SOILS CONTAMINATED WITH HEAVY METALS. <i>Ecological Chemistry and Engineering S</i> , 2013, 20, 701-708.	0.3	4
50	Effect of Long-Term Application of Biosolids for Mine Land Reclamation on Groundwater Chemistry: Nutrients and Other Selected Qualities. <i>Journal of Environmental Quality</i> , 2013, 42, 94-102.	1.0	6
51	Fertility Evaluation of Limed Brazilian Soil Polluted with Scrap Metal Residue. <i>Applied and Environmental Soil Science</i> , 2013, 2013, 1-10.	0.8	0
52	Managing the Selenium Content in Soils in Semiarid Environments through the Recycling of Organic Matter. <i>Applied and Environmental Soil Science</i> , 2013, 2013, 1-10.	0.8	17
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54	Municipal Solid Waste Compost Application Improves the Negative Impact of Saline Soil in Two Forage Species. <i>Communications in Soil Science and Plant Analysis</i> , 2014, 45, 1421-1434.	0.6	5
55	Effect of organic amendments on phytoavailability of nickel and growth of berseem ( <i>Trifolium</i> ) Tj ETQq1 1 0.784314 rgBT /Overlo 2014, 26, 37-42.	2.0	21

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56	Effect of Paper Mill Sludge on Adsorption and Desorption of Cd(II) and Pb(II) in Paddy Soils. <i>Advanced Materials Research</i> , 0, 955-959, 2539-2545.	0.3	0
57	Efficacy of Biosolids in Assisted Phytostabilization of Metalliferous Acidic Sandy Soils with Five Grass Species. <i>International Journal of Phytoremediation</i> , 2014, 16, 593-608.	1.7	32
58	Phytostabilization of metals in mine soils using <i>Brassica juncea</i> in combination with organic amendments. <i>Plant and Soil</i> , 2014, 377, 97-109.	1.8	63
59	Biochar as a sorbent for contaminant management in soil and water: A review. <i>Chemosphere</i> , 2014, 99, 19-33.	4.2	3,175
60	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
61	Soluble organic carbon and pH of organic amendments affect metal mobility and chemical speciation in mine soils. <i>Chemosphere</i> , 2014, 103, 164-171.	4.2	77
62	Influence of municipal solid waste (MSW) compost on hormonal status and biomass partitioning in two forage species growing under saline soil conditions. <i>Ecological Engineering</i> , 2014, 64, 142-150.	1.6	21
63	The Effect of Compost Treatments and A Plant Cover with <i>Agrostis tenuis</i> on the Immobilization/Mobilization of Trace Elements in a Mine-Contaminated Soil. <i>International Journal of Phytoremediation</i> , 2014, 16, 138-154.	1.7	36
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65	Remediation of heavy metal(loid)s contaminated soils – To mobilize or to immobilize?. <i>Journal of Hazardous Materials</i> , 2014, 266, 141-166.	6.5	1,544
66	EDTA-Enhanced Phytoremediation of Heavy Metals: A Review. <i>Soil and Sediment Contamination</i> , 2014, 23, 389-416.	1.1	174
67	Modern approaches to remediation of heavy metal polluted soils: A review. <i>Eurasian Soil Science</i> , 2014, 47, 707-722.	0.5	85
68	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
69	Phytocapping: An Alternative Technology for the Sustainable Management of Landfill Sites. <i>Critical Reviews in Environmental Science and Technology</i> , 2014, 44, 561-637.	6.6	50
70	Problems and prospects concerning the phytoremediation of heavy metal polluted soils: A review. <i>Eurasian Soil Science</i> , 2014, 47, 923-939.	0.5	134
71	Global research on soil contamination from 1999 to 2012: A bibliometric analysis. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2014, 64, 377-391.	0.3	14
72	Effects of pig manure containing copper and zinc on microbial community assessed via phospholipids in soils. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 5297-5306.	1.3	13
73	Cellular Mechanisms in Higher Plants Governing Tolerance to Cadmium Toxicity. <i>Critical Reviews in Plant Sciences</i> , 2014, 33, 374-391.	2.7	279

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74	Phytoremediating a copper mine soil with <i>Brassica juncea</i> L., compost and biochar. <i>Environmental Science and Pollution Research</i> , 2014, 21, 11293-11304.	2.7	63
75	Effects of in situ biological treatments on heavy metal release of urban river sediment. <i>Frontiers of Environmental Science and Engineering</i> , 2014, 8, 607-615.	3.3	2
76	Environmental factors influencing the structural dynamics of soil microbial communities during assisted phytostabilization of acid-generating mine tailings: A mesocosm experiment. <i>Science of the Total Environment</i> , 2014, 500-501, 314-324.	3.9	67
77	The potential of biosolid application for the phytostabilisation of metals. <i>Desalination and Water Treatment</i> , 2014, 52, 3955-3964.	1.0	14
78	Effects of combined amendments on heavy metal accumulation in rice ( <i>Oryza sativa</i> L.) planted on contaminated paddy soil. <i>Ecotoxicology and Environmental Safety</i> , 2014, 101, 226-232.	2.9	183
79	Heavy metal leaching and environmental risk from the use of compost-like output as an energy crop growth substrate. <i>Science of the Total Environment</i> , 2014, 487, 260-271.	3.9	54
80	Sprinkler irrigation of rice fields reduces grain arsenic but enhances cadmium. <i>Science of the Total Environment</i> , 2014, 485-486, 468-473.	3.9	81
81	Engineering the rhizosphere for the purpose of bioremediation: an overview.. <i>CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources</i> , 0, , 1-17.	0.6	16
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83	Heavy Metal Immobilization in Contaminated Soils using Phosphogypsum and Rice Straw Compost. <i>Land Degradation and Development</i> , 2015, 26, 819-824.	1.8	74
84	The sociality of bioremediation. <i>EMBO Reports</i> , 2015, 16, 1241-1245.	2.0	26
85	Efecto de la aplicación de un vermicompost en las propiedades químicas de un suelo salino-sódico del semiárido venezolano. <i>Acta Agronomica</i> , 2015, 64, .	0.0	4
86	Benefits of the Use of Sewage Sludge over EDTA to Remediate Soils Polluted with Heavy Metals. <i>Journal of Environmental Quality</i> , 2015, 44, 1579-1588.	1.0	1
87	Rhizosphere-induced heavy metal(loid) transformation in relation to bioavailability and remediation. <i>Journal of Soil Science and Plant Nutrition</i> , 2015, , 0-0.	1.7	40
88	Influence of Cadmium and Glucose on Soil Microbial Communities. <i>American Journal of Applied Sciences</i> , 2015, 12, 759-765.	0.1	0
89	Organic amendments as sustainable tool to recovery fertility in intensive agricultural systems. <i>Journal of Soil Science and Plant Nutrition</i> , 2015, , 0-0.	1.7	97
90	The Evolution of Soil Mineralogy. <i>Soil Horizons</i> , 2015, 56, 1.	0.3	1
91	Yield, Quality, and Nutrient Concentrations of Strawberry ( <i>Fragaria</i> <i>ananassa</i> Duch. cv.) Tj ETQq1 1 0.784314 rgBT /Ov Chemistry, 2015, 63, 5578-5586.	2.4	28

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92	Environmental Applications of Chitosan and Its Derivatives. <i>Reviews of Environmental Contamination and Toxicology</i> , 2015, 233, 1-43.	0.7	60
93	Bioremediation of soils contaminated with polycyclic aromatic hydrocarbons, petroleum, pesticides, chlorophenols and heavy metals by composting: Applications, microbes and future research needs. <i>Biotechnology Advances</i> , 2015, 33, 745-755.	6.0	706
94	Heavy Metal Stress and Crop Productivity. , 2015, , 1-25.		89
95	Influence of Rapeseed Cake on Heavy Metal Uptake by a Subsequent Rice Crop After Phytoextraction Using <i>Sedum plumbizincicola</i> . <i>International Journal of Phytoremediation</i> , 2015, 17, 76-84.	1.7	15
96	Mobility and Translocation of Heavy Metals from Mine Tailings in Three Plant Species after Amendment with Compost and Biosurfactant. <i>Soil and Sediment Contamination</i> , 2015, 24, 223-249.	1.1	15
97	Immobilization of lead in anthropogenic contaminated soils using phosphates with/without oxalic acid. <i>Journal of Environmental Sciences</i> , 2015, 28, 64-73.	3.2	37
98	Use of Arbuscular Mycorrhiza and Organic Amendments to Enhance Growth of <i>Macaranga peltata</i> (Roxb.) M. Arg. in Iron Ore Mine Wastelands. <i>International Journal of Phytoremediation</i> , 2015, 17, 485-492.	1.7	2
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103	Phytoremediation of Soils Contaminated with Heavy Metals: Techniques and Strategies. , 2015, , 133-155.		29
104	Impact of biochar and root-induced changes on metal dynamics in the rhizosphere of <i>Agrostis capillaris</i> and <i>Lupinus albus</i> . <i>Chemosphere</i> , 2015, 139, 644-651.	4.2	94
105	Characterization, Recovery Opportunities, and Valuation of Metals in Municipal Sludges from U.S. Wastewater Treatment Plants Nationwide. <i>Environmental Science &amp; Technology</i> , 2015, 49, 9479-9488.	4.6	199
106	Gibberellic acid in combination with pressmud enhances the growth of sunflower and stabilizes chromium(VI)-contaminated soil. <i>Environmental Science and Pollution Research</i> , 2015, 22, 10610-10617.	2.7	46
107	Impact of pulp and paper mill effluents and solid wastes on soil mineralogical and physicochemical properties. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 98.	1.3	10
108	Aromatic plants versus arsenic hazards in soils. <i>Journal of Geochemical Exploration</i> , 2015, 157, 77-80.	1.5	53
109	Response of rhizosphere microbial community structure and diversity to heavy metal co-pollution in arable soil. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 8259-8269.	1.7	115

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111	Contrasting Effects of Farmyard Manure (FYM) and Compost for Remediation of Metal Contaminated Soil. <i>International Journal of Phytoremediation</i> , 2015, 17, 613-621.	1.7	31
112	Monitoring the natural attenuation of a sewage sludge toxicity using the <i>Allium cepa</i> test. <i>Ecological Indicators</i> , 2015, 56, 60-69.	2.6	38
113	Effect of dried olive pomace " derived biochar on the mobility of cadmium and nickel in soil. <i>Journal of Environmental Chemical Engineering</i> , 2015, 3, 1163-1176.	3.3	24
114	Remediation effect of compost on soluble mercury transfer in a crop of <i>Phaseolus vulgaris</i> . <i>Journal of Environmental Sciences</i> , 2015, 31, 61-67.	3.2	16
115	Reviews of Environmental Contamination and Toxicology Volume 233. <i>Reviews of Environmental Contamination and Toxicology</i> , 2015, , .	0.7	10
116	The role of biochar, natural iron oxides, and nanomaterials as soil amendments for immobilizing metals in shooting range soil. <i>Environmental Geochemistry and Health</i> , 2015, 37, 931-942.	1.8	97
117	Crop residue stabilization and application to agricultural and degraded soils: A review. <i>Waste Management</i> , 2015, 42, 41-54.	3.7	98
118	Contamination and remediation of phthalic acid esters in agricultural soils in China: a review. <i>Agronomy for Sustainable Development</i> , 2015, 35, 519-534.	2.2	206
119	Organic Materials Differ in Ability to Remove Protons, Iron and Aluminium from Acid Sulfate Soil Drainage Water. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	1.1	7
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121	Influence of removal of organic matter and iron and manganese oxides on cadmium adsorption by red paddy soil aggregates. <i>RSC Advances</i> , 2015, 5, 90588-90595.	1.7	36
122	Examination of Three Different Organic Waste Biochars as Soil Amendment for Metal-Contaminated Agricultural Soils. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	1.1	14
123	Contrasting effects of organic amendments on phytoextraction of heavy metals in a contaminated sediment. <i>Plant and Soil</i> , 2015, 397, 331-345.	1.8	19
124	Immobilisation of lead and zinc in contaminated soil using compost derived from industrial eggshell. <i>Journal of Environmental Management</i> , 2015, 164, 137-145.	3.8	50
125	Effectiveness of chemical amendments for stabilisation of lead and antimony in risk-based land management of soils of shooting ranges. <i>Environmental Science and Pollution Research</i> , 2015, 22, 8942-8956.	2.7	44
126	Concomitant reduction and immobilization of chromium in relation to its bioavailability in soils. <i>Environmental Science and Pollution Research</i> , 2015, 22, 8969-8978.	2.7	73
127	Effects of Cu exposure on enzyme activities and selection for microbial tolerances during swine-manure composting. <i>Journal of Hazardous Materials</i> , 2015, 283, 512-518.	6.5	77

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128	Comparison of filter media materials for heavy metal removal from urban stormwater runoff using biofiltration systems. <i>Journal of Environmental Management</i> , 2015, 147, 24-33.	3.8	100
129	Effects of inorganic and organic amendments on the uptake of lead and trace elements by <i>Brassica chinensis</i> grown in an acidic red soil. <i>Chemosphere</i> , 2015, 119, 177-183.	4.2	103
130	A review of approaches and techniques used in aquatic contaminated sediments: metal removal and stabilization by chemical and biotechnological processes. <i>Journal of Cleaner Production</i> , 2015, 86, 24-36.	4.6	336
131	The influence of soil organic carbon on interactions between microbial parameters and metal concentrations at a long-term contaminated site. <i>Science of the Total Environment</i> , 2015, 502, 218-223.	3.9	34
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133	Phytoremediation of Metal-Contaminated Soils Using Organic Amendments. , 2015, , 503-523.		8
134	Phytomanagement of Padaeng Zinc Mine Waste, Mae Sot District, Tak Province, Thailand. , 2015, , 661-687.		15
135	Sequential extraction of Cu and Zn from soil amended with bio-compost for 12 years: risk of leaching. <i>International Journal of Environment and Waste Management</i> , 2016, 18, 317.	0.2	1
136	Production of Biomass Crops Using Biowastes on Low Fertility Soil: 1. Influence of Biowastes on Plant and Soil Quality. <i>Journal of Environmental Quality</i> , 2016, 45, 1960-1969.	1.0	9
137	Rice Paddies for Trace Element Cleanup. , 2016, , 251-269.		0
138	Restoration of Smelter Industrial Barrens Following Pollution Reduction Drives Economic Recovery. , 2016, , 463-483.		1
139	Fractional Characteristics of Heavy Metals Pb, Zn, Cu, and Cd in Sewer Sediment from Areas in Central Beijing, China. <i>Journal of Chemistry</i> , 2016, 2016, 1-10.	0.9	4
140	Effect of Biostimulation Using Sewage Sludge, Soybean Meal, and Wheat Straw on Oil Degradation and Bacterial Community Composition in a Contaminated Desert Soil. <i>Frontiers in Microbiology</i> , 2016, 7, 240.	1.5	45
142	Application of Biochar Produced From Biowaste Materials for Environmental Protection and Sustainable Agriculture Production. , 2016, , 73-89.		12
143	Responses of bacterial community and functional marker genes of nitrogen cycling to biochar, compost and combined amendments in soil. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 8583-8591.	1.7	140
144	Non-Metabolic Uptake of Al <sup>3+</sup> by Dead Leaves of <i>Rubus ulmifolius</i> : Comparison With Metabolic Bioaccumulation Data. <i>Clean - Soil, Air, Water</i> , 2016, 44, 154-161.	0.7	0
145	Evaluation of soil amendments as a remediation alternative for cadmium-contaminated soils under cacao plantations. <i>Environmental Science and Pollution Research</i> , 2016, 23, 17571-17580.	2.7	24
146	Paper-disc method: An efficient assay for evaluating metal toxicity to soil algae. <i>Environmental Pollution</i> , 2016, 216, 1-8.	3.7	25

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147	Reliability and stability of immobilization remediation of Cd polluted soils using sepiolite under pot and field trials. <i>Environmental Pollution</i> , 2016, 208, 739-746.	3.7	95
148	Selection of reactive mixture for biochemical passive treatment of acid mine drainage. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	25
149	Study of metal transport through pine bark for reutilization as a biosorbent. <i>Chemosphere</i> , 2016, 149, 146-153.	4.2	30
150	Organic amendments increase phylogenetic diversity of arbuscular mycorrhizal fungi in acid soil contaminated by trace elements. <i>Mycorrhiza</i> , 2016, 26, 575-585.	1.3	32
151	Phytostabilization of Acidic Soils with Heavy Metal Contamination Using Three Forage Grasses in Combination with Organic and Inorganic Amendments. <i>Soil and Sediment Contamination</i> , 2016, 25, 459-475.	1.1	12
152	Assessment of Trace Element Accumulation by Earthworms in an Orchard Soil Remediation Study Using Soil Amendments. <i>Water, Air, and Soil Pollution</i> , 2016, 227, 1.	1.1	8
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154	In situ stabilization of heavy metals in multiple-metal contaminated paddy soil using different steel slag-based silicon fertilizer. <i>Environmental Science and Pollution Research</i> , 2016, 23, 23638-23647.	2.7	48
155	Effects of alkaline and bioorganic amendments on cadmium, lead, zinc, and nutrient accumulation in brown rice and grain yield in acidic paddy fields contaminated with a mixture of heavy metals. <i>Environmental Science and Pollution Research</i> , 2016, 23, 23551-23560.	2.7	19
156	Aided phytostabilization of a trace element-contaminated technosol developed on steel mill wastes. <i>Journal of Hazardous Materials</i> , 2016, 320, 458-468.	6.5	9
157	Approaches to Heavy Metal Tolerance in Plants. , 2016, , .		23
158	The effects of soil microbial and physiochemical properties on resistance and resilience to copper perturbation across China. <i>Catena</i> , 2016, 147, 678-685.	2.2	13
159	Utilization of Biowaste for Mine Spoil Rehabilitation. <i>Advances in Agronomy</i> , 2016, 138, 97-173.	2.4	34
160	Organic materials retain high proportion of protons, iron and aluminium from acid sulphate soil drainage water with little subsequent release. <i>Environmental Science and Pollution Research</i> , 2016, 23, 23582-23592.	2.7	2
161	Biological Approaches for Remediation of Metal-Contaminated Sites. , 2016, , 65-112.		8
162	Organic acid compounds in root exudation of Moso Bamboo ( <i>Phyllostachys pubescens</i> ) and its bioactivity as affected by heavy metals. <i>Environmental Science and Pollution Research</i> , 2016, 23, 20977-20984.	2.7	51
163	Influence of iron-rich water treatment residues and compost on the mobility of metal(loid)s in mine soils. <i>Geoderma</i> , 2016, 283, 1-9.	2.3	31
164	State of the Art of Phytoremediation in Brazil – Review and Perspectives. <i>Water, Air, and Soil Pollution</i> , 2016, 227, 1.	1.1	14

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167	Phytoremediation: A Green Technology. , 2016, , 69-87.		1
168	Organic Soil Amendments in the Phytoremediation Process. , 2016, , 21-39.		3
169	Addition of Vermicompost to Heavy Metal-Contaminated Soil Increases the Ability of Black Oat ( <i>Avena</i> ) Tj ETQq0 0,0 rgBT /Overlock 10	1.1	14
170	Assessment of Toxic Metal Uptake by Different Vegetables Grown on Soils Amended with Poultry Waste: Risk Assessment. <i>Water, Air, and Soil Pollution</i> , 2016, 227, 1.	1.1	12
171	Effect of heavy metals and organic matter on root exudates (low molecular weight organic acids) of herbaceous species: An assessment in sand and soil conditions under different levels of contamination. <i>Environmental Pollution</i> , 2016, 216, 273-281.	3.7	175
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174	Effects of biochar and alkaline amendments on cadmium immobilization, selected nutrient and cadmium concentrations of lettuce ( <i>Lactuca sativa</i> ) in two contrasting soils. <i>SpringerPlus</i> , 2016, 5, 397.	1.2	71
175	Changes in heavy metal extractability from contaminated soils remediated with organic waste or biochar. <i>Geoderma</i> , 2016, 279, 132-140.	2.3	63
176	Using kale ( <i>Brassica oleracea</i> var. <i>acephala</i> ) as a phytoremediation plant species for lead (Pb) and cadmium (Cd) removal in saline soils. <i>Journal of Plant Nutrition</i> , 2016, 39, 1460-1471.	0.9	20
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182	Nickel bioaccumulation by the chosen plant species. <i>Acta Physiologiae Plantarum</i> , 2016, 38, 1.	1.0	27

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189	Some adverse effects of soil amendment with organic Materials – The case of soils polluted by copper industry phytostabilized with red fescue. <i>International Journal of Phytoremediation</i> , 2016, 18, 839-846.	1.7	18
190	Natural Organic Amendments for Improved Phytoremediation of Polluted Soils: A Review of Recent Progress. <i>Pedosphere</i> , 2016, 26, 1-12.	2.1	169
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192	Soil solution concentrations and chemical species of copper and zinc in a soil with a history of pig slurry application and plant cultivation. <i>Agriculture, Ecosystems and Environment</i> , 2016, 216, 374-386.	2.5	42
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195	Effects of organic amendments on rice ( <i>Oryza sativa</i> L.) growth and uptake of heavy metals in contaminated soil. <i>Journal of Soils and Sediments</i> , 2016, 16, 537-546.	1.5	43
196	Application of biosolids to soil affects Cu and Zn accumulation and antioxidant activity of lettuce ( <i>Lactuca sativa</i> L.). <i>Journal of Plant Nutrition</i> , 2016, 39, 252-260.	0.9	0
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198	The use of dialdehyde starch derivatives in the phytoremediation of soils contaminated with heavy metals. <i>International Journal of Phytoremediation</i> , 2016, 18, 245-250.	1.7	26
199	Improving sustainability in the remediation of contaminated soils by the use of compost and energy valorization by <i>Paulownia fortunei</i> . <i>Science of the Total Environment</i> , 2016, 539, 401-409.	3.9	18
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203	Immobilization of metals in contaminated soils using natural polymer-based stabilizers. <i>Environmental Pollution</i> , 2017, 222, 348-355.	3.7	26
204	Interaction between selenium and soil organic matter and its impact on soil selenium bioavailability: A review. <i>Geoderma</i> , 2017, 295, 69-79.	2.3	190
205	Mobility and phytoavailability of As and Pb in a contaminated soil using pine sawdust biochar under systematic change of redox conditions. <i>Chemosphere</i> , 2017, 178, 110-118.	4.2	231
206	Phytoremediation of metals using vetiver ( <i>Chrysopogon zizanioides</i> (L.) Roberty) grown under different levels of red mud in sludge amended soil. <i>Journal of Geochemical Exploration</i> , 2017, 182, 218-227.	1.5	58
207	Behavior of Enzyme Activities Exposed to Contamination by Heavy Metals and Dissolved Organic Carbon in Calcareous Agricultural Soils. <i>Soil and Sediment Contamination</i> , 2017, 26, 259-276.	1.1	7
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212	Management of textile wastewater for improving growth and yield of field mustard ( <i>Brassica</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 14	1.7	14
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216	Remediation of heavy metal contaminated soils by using <i>Solanum nigrum</i> : A review. <i>Ecotoxicology and Environmental Safety</i> , 2017, 143, 236-248.	2.9	118
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219	Contrasting Effects of Cattle Manure Applications and Root-Induced Changes on Heavy Metal Dynamics in the Rhizosphere of Soybean in an Acidic Haplic Fluvisol: A Chronological Pot Experiment. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 3085-3095.	2.4	20

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222	Agricultural utilization of biosolids: A review on potential effects on soil and plant grown. <i>Waste Management</i> , 2017, 64, 117-132.	3.7	286
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224	Exploring the interactions and binding sites between Cd and functional groups in soil using two-dimensional correlation spectroscopy and synchrotron radiation based spectromicroscopies. <i>Journal of Hazardous Materials</i> , 2017, 326, 18-25.	6.5	66
225	Effect of an alkaline environment on the engineering behavior of cement-stabilized/solidified Zn-contaminated soils. <i>Environmental Science and Pollution Research</i> , 2017, 24, 28248-28257.	2.7	16
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228	Effects of different fertilizers on growth and nutrient uptake of <i>Lolium multiflorum</i> grown in Cd-contaminated soils. <i>Environmental Science and Pollution Research</i> , 2017, 24, 23363-23370.	2.7	12
229	Growth and Cd uptake by rice ( <i>Oryza sativa</i> ) in acidic and Cd-contaminated paddy soils amended with steel slag. <i>Chemosphere</i> , 2017, 189, 247-254.	4.2	78
230	Contrasting Effects of Organic and Inorganic Amendments on Reducing Lead Toxicity in Wheat. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2017, 99, 642-647.	1.3	24
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241	Simultaneous immobilization of lead, cadmium, and arsenic in combined contaminated soil with iron hydroxyl phosphate. <i>Journal of Soils and Sediments</i> , 2017, 17, 432-439.	1.5	57
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258	Principles and Technologies of Phytoremediation for Metal-Contaminated Soils: A Review. , 2018, , 279-331.		2
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262	Influence of cadmium stress on root exudates of high cadmium accumulating rice line ( <i>Oryza sativa</i> ) Tj ETQq1 1 0.784314 rgBT /Overdo	2.9	102
263	Cadmium induced changes in <i>Solidago chilensis</i> Meyen (Asteraceae) grown on organically fertilized soil with reference to mycorrhizae, metabolism, anatomy and ultrastructure. <i>Ecotoxicology and Environmental Safety</i> , 2018, 150, 76-85.	2.9	10
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