

Heavy metals in agricultural soils of the European Unio

Environment International

88, 299-309

DOI: [10.1016/j.envint.2015.12.017](https://doi.org/10.1016/j.envint.2015.12.017)

Citation Report

#	ARTICLE	IF	CITATIONS
1	ENVIRONMENTAL IMPACT ANALYSIS OF HEAVY METAL CONCENTRATIONS IN WASTE MATERIALS USED IN ROAD CONSTRUCTION. E-GFOS, 0, , 23-29.	0.2	4
2	Quantitative Retrieval of Organic Soil Properties from Visible Near-Infrared Shortwave Infrared (Vis-NIR-SWIR) Spectroscopy Using Fractal-Based Feature Extraction. Remote Sensing, 2016, 8, 1035.	1.8	25
3	Copper Contamination in Mediterranean Agricultural Soils: Soil Quality Standards and Adequate Soil Management Practices for Horticultural Crops. , 0, , .		3
4	Spatial distribution and risk assessment of metals in agricultural soils. Geoderma, 2016, 284, 113-121.	2.3	38
5	Comment on "Heavy metals in agricultural soil of the European Union with implications for food safety" by TÁ ³ th, G., Hermann, T., Da Silva, M.R. and Montanarella, L.. Environment International, 2016, 97, 258-263.	4.8	1
6	Copper accumulation in vineyard soils: Rhizosphere processes and agronomic practices to limit its toxicity. Chemosphere, 2016, 162, 293-307.	4.2	161
7	Use of GEMAS data for risk assessment of cadmium in European agricultural and grazing land soil under the REACH Regulation. Applied Geochemistry, 2016, 74, 109-121.	1.4	24
8	Maps of heavy metals in the soils of the European Union and proposed priority areas for detailed assessment. Science of the Total Environment, 2016, 565, 1054-1062.	3.9	275
9	Modeling and mapping of critical loads for heavy metals in Kunshan soil. Science of the Total Environment, 2016, 569-570, 191-200.	3.9	26
10	Trace Metals in Biochars from Biodegradable By-products of Industrial Processes. Water, Air, and Soil Pollution, 2016, 227, 1.	1.1	18
11	Assessment of ambient background concentrations of elements in soil using combined survey and open-source data. Science of the Total Environment, 2017, 580, 1410-1420.	3.9	18
12	Bradyrhizobia and arbuscular mycorrhizal fungi modulate manganese, iron, phosphorus, and polyphenols in soybean (Glycine max (L.) Merr.) under excess zinc. Environmental and Experimental Botany, 2017, 137, 1-13.	2.0	46
13	Twelve-year investigation of copper soil concentrations shows that vineyards are at risk. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2017, 67, 381-394.	0.3	0
14	Arsenic uptake by lettuce from As-contaminated soil remediated with Pteris vittata and organic amendment. Chemosphere, 2017, 176, 249-254.	4.2	36
15	Novel cross-linked melamine based polyamine/CNT composites for lead ions removal. Journal of Environmental Management, 2017, 192, 163-170.	3.8	46
16	Screening for cadmium tolerance of 21 cultivars from Italian ryegrass (<i>Lolium multiflorum</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 22	0.6	22
17	Use of industrial diatomite wastes from beer production to improve soil fertility and cereal yields. Journal of Cleaner Production, 2017, 157, 22-29.	4.6	29
18	Remarks to the debate on mapping heavy metals in soil and soil monitoring in the European Union. Science of the Total Environment, 2017, 603-604, 827-831.	3.9	6

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19	A survey of topsoil arsenic and mercury concentrations across France. <i>Chemosphere</i> , 2017, 181, 635-644.	4.2	53
20	Biosorption of Zn(II) from industrial effluents using sugar beet pulp and <i>F. vesiculosus</i> : From laboratory tests to a pilot approach. <i>Science of the Total Environment</i> , 2017, 598, 856-866.	3.9	67
21	A comparison of technologies for remediation of heavy metal contaminated soils. <i>Journal of Geochemical Exploration</i> , 2017, 182, 247-268.	1.5	877
22	Trace metal levels, sources, and ecological risk assessment in a densely agricultural area from Saudi Arabia. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 252.	1.3	32
23	Trace elements of concern affecting urban agriculture in industrialized areas: A multivariate approach. <i>Chemosphere</i> , 2017, 183, 546-556.	4.2	40
24	Is the Total Concentration of a Heavy Metal in Soil a Suitable Tool for Assessing the Environmental Risk? Considering the Case of Copper. <i>Journal of Chemical Education</i> , 2017, 94, 1133-1136.	1.1	11
25	Fate of copper, nickel and zinc after biogas digestate application to three different soil types. <i>Environmental Science and Pollution Research</i> , 2017, 24, 13095-13106.	2.7	6
26	Trace element content in soil after a sediment-laden flood in northern Chile. <i>Journal of Soils and Sediments</i> , 2017, 17, 2500-2515.	1.5	14
27	Mercury critical concentrations to <i>Enchytraeus crypticus</i> (Annelida: Oligochaeta) under normal and extreme conditions of moisture in tropical soils –“ Reproduction and survival. <i>Environmental Research</i> , 2017, 155, 365-372.	3.7	15
28	Functional components of the bacterial CzcCBA efflux system reduce cadmium uptake and accumulation in transgenic tobacco plants. <i>New Biotechnology</i> , 2017, 35, 54-61.	2.4	40
29	A RECONNAISSANCE-SCALE GIS-BASED MULTICRITERIA DECISION ANALYSIS TO SUPPORT SUSTAINABLE BIOCHAR USE: POLAND AS A CASE STUDY. <i>Journal of Environmental Engineering and Landscape Management</i> , 2017, 25, 208-222.	0.4	21
30	Heavy metal and metalloid concentrations in soils under pasture of southern New Zealand. <i>Geoderma Regional</i> , 2017, 11, 18-27.	0.9	30
31	The Extent of Heavy Metal Pollution and Their Potential Health Risk in Topsoils of the Massively Urbanized District of Shanghai. <i>Archives of Environmental Contamination and Toxicology</i> , 2017, 73, 362-376.	2.1	25
32	Trace element soil contamination at a former shooting range in Athens, Greece. <i>Geoderma Regional</i> , 2017, 10, 191-199.	0.9	8
33	Indices of soil contamination by heavy metals –“ methodology of calculation for pollution assessment (minireview). <i>Environmental Monitoring and Assessment</i> , 2017, 189, 616.	1.3	176
34	Foliar nutrient and metal levels of crops in the Mount Cameroon area –“reference values for plant nutrition and environmental monitoring. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 186.	1.3	4
35	Rice planted along with accumulators in arsenic amended plots reduced arsenic uptake in grains and shoots. <i>Chemosphere</i> , 2017, 184, 1327-1333.	4.2	24
36	Bacteria as Emerging Indicators of Soil Condition. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	1.4	202

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37	GEMAS: Cadmium distribution and its sources in agricultural and grazing land soil of Europe – Original data versus clr-transformed data. <i>Journal of Geochemical Exploration</i> , 2017, 173, 13-30.	1.5	74
38	Establishing geochemical background variation and threshold values for 59 elements in Australian surface soil. <i>Science of the Total Environment</i> , 2017, 578, 633-648.	3.9	157
39	Selenium Improves Physiological Parameters and Alleviates Oxidative Stress in Shoots of Lead-Exposed <i>Vicia faba</i> L. minor Plants Grown Under Phosphorus-Deficient Conditions. <i>Journal of Plant Growth Regulation</i> , 2017, 36, 186-199.	2.8	42
40	Seasonal changes in antioxidative/oxidative profile of mining and non-mining populations of Syrian bean-caper as determined by soil conditions. <i>Science of the Total Environment</i> , 2017, 575, 437-447.	3.9	24
41	Heavy Metal Uptake by Novel <i>Miscanthus</i> Seed-Based Hybrids Cultivated in Heavy Metal Contaminated Soil. <i>Civil and Environmental Engineering Reports</i> , 2017, 26, 121-132.	0.2	22
42	Agroecological Responses of Heavy Metal Pollution with Special Emphasis on Soil Health and Plant Performances. <i>Frontiers in Environmental Science</i> , 2017, 5, .	1.5	215
43	The Bacterial and Fungal Microbiota of Hyperaccumulator Plants. <i>Advances in Botanical Research</i> , 2017, 83, 43-86.	0.5	42
44	Health Risk Assessment of Heavy Metal in Moso Bamboo Shoots from Farm Markets, China. <i>Food Science and Technology Research</i> , 2017, 23, 511-515.	0.3	3
45	Co-inoculation of <i>Lolium perenne</i> with <i>Funneliformis mosseae</i> and the dark septate endophyte <i>Cadophora</i> sp. in a trace element-polluted soil. <i>Mycorrhiza</i> , 2018, 28, 301-314.	1.3	33
46	A multi-medium chain modeling approach to estimate the cumulative effects of cadmium pollution on human health. <i>Environmental Pollution</i> , 2018, 239, 308-317.	3.7	63
47	Salicylamide derivatives for iron and aluminium sequestration. From synthesis to complexation studies. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 50, 580-588.	1.5	4
48	Antioxidative enzymes and expression of <i>rbcl</i> gene as tools to monitor heavy metal-related stress in plants. <i>Journal of Environmental Management</i> , 2018, 218, 71-78.	3.8	33
49	Synergic effect of arbuscular mycorrhizal fungi and bradyrhizobia on biomass response, element partitioning and metallothionein gene expression of soybean-host under excess soil zinc. <i>Rhizosphere</i> , 2018, 6, 56-66.	1.4	5
50	The insects as an assessment tool of ecotoxicology associated with metal toxic plants. <i>Chemosphere</i> , 2018, 197, 703-708.	4.2	4
51	Removal of metal(oid)s from contaminated water using iron-coated peat sorbent. <i>Chemosphere</i> , 2018, 198, 290-296.	4.2	25
52	GEMAS: CNS concentrations and C/N ratios in European agricultural soil. <i>Science of the Total Environment</i> , 2018, 627, 975-984.	3.9	22
53	Zinc in soils, water and food crops. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 49, 252-260.	1.5	247
54	Mobility of heavy metals in sandy soil after application of composts produced from maize straw, sewage sludge and biochar. <i>Journal of Environmental Management</i> , 2018, 210, 87-95.	3.8	73

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56	Heavy metals' data in soils for agricultural activities. <i>Data in Brief</i> , 2018, 18, 1847-1855.	0.5	54
57	Metal Contents in the Most Widely Consumed Commercial Preparations of Four Different Medicinal Plants (Aloe, Senna, Ginseng, and Ginkgo) from Europe. <i>Biological Trace Element Research</i> , 2018, 186, 562-567.	1.9	12
58	Copper distribution in European topsoils: An assessment based on LUCAS soil survey. <i>Science of the Total Environment</i> , 2018, 636, 282-298.	3.9	240
59	pH and organic matter impact on the indices of soil metal load assessment under wastewater and biosolid reuse. <i>Journal of Chemical Technology and Biotechnology</i> , 2018, 93, 3244-3253.	1.6	4
60	Nutrient deficiencies in olives grown on typical Mediterranean soils (Terra rossa, Rendzina, Lithosol). <i>Archives of Agronomy and Soil Science</i> , 2018, 64, 1777-1790.	1.3	6
61	Nutrient Constraints in Arsenic Phytoremediation. <i>Russian Journal of Plant Physiology</i> , 2018, 65, 15-22.	0.5	6
62	Source identification, environmental risk assessment and human health risks associated with toxic elements present in a coastal industrial environment, India. <i>Environmental Geochemistry and Health</i> , 2018, 40, 2243-2257.	1.8	12
63	Chemical speciation and bioavailability concentration of arsenic and heavy metals in sediment and soil cores in estuarine ecosystem, Vietnam. <i>Microchemical Journal</i> , 2018, 139, 268-277.	2.3	32
64	Proposing policy changes for sewage sludge applications based on zinc within a circular economy perspective. <i>Land Use Policy</i> , 2018, 76, 839-846.	2.5	8
65	Al ³⁺ and Fe ²⁺ toxicity reduction potential by acid-resistant strains of <i>Rhodopseudomonas palustris</i> isolated from acid sulfate soils under acidic conditions. <i>Annals of Microbiology</i> , 2018, 68, 217-228.	1.1	25
66	Remediation techniques for heavy metal-contaminated soils: Principles and applicability. <i>Science of the Total Environment</i> , 2018, 633, 206-219.	3.9	1,064
67	Analyzing life-history traits and lipid storage using CARS microscopy for assessing effects of copper on the fitness of <i>Caenorhabditis elegans</i> . <i>Ecotoxicology and Environmental Safety</i> , 2018, 156, 255-262.	2.9	12
68	Cost-Effectiveness Analysis for Soil Heavy Metal Contamination Treatments. <i>Water, Air, and Soil Pollution</i> , 2018, 229, 1.	1.1	36
69	Source identification of heavy metals in peri-urban agricultural soils of southeast China: An integrated approach. <i>Environmental Pollution</i> , 2018, 237, 650-661.	3.7	269
70	GEMAS: Establishing geochemical background and threshold for 53 chemical elements in European agricultural soil. <i>Applied Geochemistry</i> , 2018, 88, 302-318.	1.4	143
71	Coordinated role of soluble and cell wall bound phenols is a key feature of the metabolic adjustment in a mining woody fleabane (<i>Dittrichia viscosa</i> L.) population under semi-arid conditions. <i>Science of the Total Environment</i> , 2018, 618, 1139-1151.	3.9	14
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74	Chronic kidney disease of unknown etiology and the effect of multiple-ion interactions. <i>Environmental Geochemistry and Health</i> , 2018, 40, 705-719.	1.8	32
75	Linkage between human population and trace elements in soils of the Pearl River Delta: Implications for source identification and risk assessment. <i>Science of the Total Environment</i> , 2018, 610-611, 944-950.	3.9	53
76	LUCAS Soil, the largest expandable soil dataset for Europe: a review. <i>European Journal of Soil Science</i> , 2018, 69, 140-153.	1.8	303
77	Phytoextraction with <i>Salix viminalis</i> in a moderately to strongly contaminated area. <i>Environmental Science and Pollution Research</i> , 2018, 25, 3275-3290.	2.7	22
78	Physical and chemical characterization of technogenic pozzolans for the application in blended cements. <i>Construction and Building Materials</i> , 2018, 160, 106-116.	3.2	55
79	A comparative study on the efficiency of biodegradable EDDS and micro-electric field on the promotion of the phytoextraction by <i>Commelina communis</i> L. in Cu-contaminated soils. <i>Geoderma</i> , 2018, 314, 1-7.	2.3	23
80	Strengths and weaknesses of European soil legislations: The case study of Portugal. <i>Environmental Science and Policy</i> , 2018, 79, 66-93.	2.4	17
81	Is fibrous ferrierite a potential health hazard? Characterization and comparison with fibrous erionite. <i>American Mineralogist</i> , 2018, 103, 1044-1055.	0.9	21
82	Application of Biochar to the Remediation of Pb-Contaminated Solutions. <i>Sustainability</i> , 2018, 10, 4440.	1.6	20
83	Trace Metal Content and Availability of Essential Metals in Agricultural Soils of Alicante (Spain). <i>Sustainability</i> , 2018, 10, 4534.	1.6	26
84	Effect of proximity to highways on soil chemical properties and grass condition at Mafikeng, South Africa. <i>South African Journal of Plant and Soil</i> , 2018, 35, 231-234.	0.4	0
85	Status of Arsenic Toxicity in the World. , 2018, , 457-481.		2
86	Comparative transcriptome analysis revealed key factors for differential cadmium transport and retention in roots of two contrasting peanut cultivars. <i>BMC Genomics</i> , 2018, 19, 938.	1.2	31
87	Insight Into the Diversity and Possible Role of Plasmids in the Adaptation of Psychrotolerant and Metalotolerant <i>Arthrobacter</i> spp. to Extreme Antarctic Environments. <i>Frontiers in Microbiology</i> , 2018, 9, 3144.	1.5	35
88	Competitive species interactions constrain abiotic adaptation in a bacterial soil community. <i>Evolution Letters</i> , 2018, 2, 580-589.	1.6	37
89	An investigation of anthropogenic pollution in soil samples from residential areas in Erzincan city center and its vicinity by evaluating chemical factors. <i>Arabian Journal of Geosciences</i> , 2018, 11, 1.	0.6	1
90	Multivariate linear regression model for source apportionment and health risk assessment of heavy metals from different environmental media. <i>Ecotoxicology and Environmental Safety</i> , 2018, 165, 555-563.	2.9	33

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91	Metal and metalloid concentrations in soil, surface water, and vegetables and the potential ecological and human health risks in the northeastern area of Hanoi, Vietnam. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 624.	1.3	12
92	Land use impact on potentially toxic metals concentration on surface water and resistant microorganisms in watersheds. <i>Ecotoxicology and Environmental Safety</i> , 2018, 166, 366-374.	2.9	16
93	Co-contamination of antibiotics and metals in peri-urban agricultural soils and source identification. <i>Environmental Science and Pollution Research</i> , 2018, 25, 34063-34075.	2.7	24
94	Ocean warming and copper pollution: implications for metabolic compounds of the agarophyte <i>Gelidium floridanum</i> (Gelidiales, Rhodophyta). <i>Journal of Phycology</i> , 2018, 54, 870-878.	1.0	5
95	Evaluation of Heavy Metal Contamination of Surface Soils in Zarshouran Gold District, Northwestern Iran. <i>International Journal of Environmental Research</i> , 2018, 12, 843-860.	1.1	13
96	Adsorptive properties of mesoporous silica modified with Lewis base molecule and its application in the preconcentration of Cu(II), Co(II), and Cd(II) from aqueous media. <i>Turkish Journal of Chemistry</i> , 2018, 42, .	0.5	1
97	Vegetation reflectance spectroscopy for biomonitoring of heavy metal pollution in urban soils. <i>Environmental Pollution</i> , 2018, 243, 1912-1922.	3.7	31
98	Equilibrium studies of new bis-hydroxypyron derivatives with Fe ³⁺ , Al ³⁺ , Cu ²⁺ and Zn ²⁺ . <i>Journal of Inorganic Biochemistry</i> , 2018, 189, 103-114.	1.5	11
99	Risk Assessment and Source Identification of Toxic Metals in the Agricultural Soil around a Pb/Zn Mining and Smelting Area in Southwest China. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1838.	1.2	36
100	Potential Sources of Anthropogenic Copper Inputs to European Agricultural Soils. <i>Sustainability</i> , 2018, 10, 2380.	1.6	95
101	An assessment of the non-target effects of copper on the leaf arthropod community in a vineyard. <i>Biological Control</i> , 2018, 127, 94-100.	1.4	18
102	Heavy metal levels, physicochemical properties and microbial diversity of soil matrix from university solid waste collection sites in Benin City, Nigeria. <i>Journal of Applied Sciences and Environmental Management</i> , 2018, 22, 66.	0.1	0
103	Mobility of heavy metals in sandy soil after application of composts produced from maize straw, sewage sludge and biochar - Discussion of Moussavi et al. - JEMA-D-18-00677. <i>Journal of Environmental Management</i> , 2018, 222, 1-2.	3.8	7
104	Towards a quantitative model to predict the toxicity/pathogenicity potential of mineral fibers. <i>Toxicology and Applied Pharmacology</i> , 2018, 361, 89-98.	1.3	41
105	Influence of human impacts on trace metal accumulation in soils of two Hungarian cities. <i>Science of the Total Environment</i> , 2018, 637-638, 1197-1208.	3.9	15
106	Fertilizer usage and cadmium in soils, crops and food. <i>Environmental Geochemistry and Health</i> , 2018, 40, 2739-2759.	1.8	54
107	Valorisation of deinking sludge as a substrate for lignocellulolytic enzymes production by <i>Pleurotus ostreatus</i> . <i>Journal of Cleaner Production</i> , 2018, 197, 253-263.	4.6	5
108	Surface Engineered Magnetic Biosorbents for Water Treatment. <i>Environmental Chemistry for A Sustainable World</i> , 2018, , 301-342.	0.3	7

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109	Functional activity and functional gene diversity of a Cu-contaminated soil remediated by aided phytostabilization using compost, dolomitic limestone and a mixed tree stand. <i>Environmental Pollution</i> , 2018, 242, 229-238.	3.7	24
110	Heavy Metals in Notifications of Rapid Alert System for Food and Feed. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 365.	1.2	27
111	Ethylenediamine-N,Nâ€²-Disuccinic Acid (EDDS)â€™Enhanced Flushing Optimization for Contaminated Agricultural Soil Remediation and Assessment of Prospective Cu and Zn Transport. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 543.	1.2	25
112	Multi-Target Risk Assessment of Potentially Toxic Elements in Farmland Soil Based on the Environment-Ecological-Health Effect. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1101.	1.2	7
113	Urban springtail species richness decreases with increasing air pollution. <i>Ecological Indicators</i> , 2018, 94, 328-335.	2.6	16
114	The Content of Toxic Metals in Agricultural Produce near a Coal Mine: Case Study KCB in Lazarevac, Serbia. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 131.	0.8	3
115	Land Eco-Security Assessment Based on the Multi-Dimensional Connection Cloud Model. <i>Sustainability</i> , 2018, 10, 2096.	1.6	12
116	Phytotoxicity of polymetallic mine wastes from southern Tuscany and Saxony. <i>Ecotoxicology and Environmental Safety</i> , 2018, 162, 505-513.	2.9	7
117	Heavy metal contamination in â€™chemicalizedâ€™ green revolution banana fields in southern India. <i>Environmental Science and Pollution Research</i> , 2018, 25, 26874-26886.	2.7	11
118	Remediation potential of metalliferous soil by using extracts of composts and vermicomposts from Municipal Solid Waste. <i>Chemical Engineering Research and Design</i> , 2018, 118, 285-295.	2.7	10
119	Differential protein expression of hippocampal cells associated with heavy metals (Pb, As, and MeHg) neurotoxicity: Deepening into the molecular mechanism of neurodegenerative diseases. <i>Journal of Proteomics</i> , 2018, 187, 106-125.	1.2	38
120	Assessment of Heavy Metals Contamination in Agricultural Soil of Southwestern Nile Delta, Egypt. <i>Soil and Sediment Contamination</i> , 2018, 27, 619-642.	1.1	30
121	Lead and Associated Micropollutant Propagations in the North Suez Gulf, Egypt. <i>International Journal of Environmental Research</i> , 2018, 12, 357-371.	1.1	6
122	Lead sorption by biochar produced from digestates: Consequences of chemical modification and washing. <i>Journal of Environmental Management</i> , 2018, 219, 277-284.	3.8	71
123	Long-term stability and risk assessment of copper and cadmium in a smelter-impacted soil treated by four amendments. <i>Chemistry and Ecology</i> , 2018, 34, 871-883.	0.6	6
124	How cadmium affects the fitness and the glucosinolate content of oilseed rape plantlets. <i>Environmental and Experimental Botany</i> , 2018, 155, 185-194.	2.0	40
125	Pyrolysis of contaminated wheat straw to stabilize toxic metals in biochar but recycle the extract for agricultural use. <i>Biomass and Bioenergy</i> , 2018, 118, 32-39.	2.9	35
126	Examining the Effects of the Destroying Ammunition, Mines, and Explosive Devices on the Presence of Heavy Metals in Soil of Open Detonation Pit: Part 1â€™Pseudo-total Concentration. <i>Water, Air, and Soil Pollution</i> , 2018, 229, 1.	1.1	4

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128	Soil threshold values for cadmium based on paired soil-vegetable content analyses of greenhouse vegetable production systems in China: Implications for safe food production. <i>Environmental Pollution</i> , 2018, 241, 922-929.	3.7	31
129	Phytoremediation potential of <i>Phalaris arundinacea</i> , <i>Salix viminalis</i> and <i>Zea mays</i> for nickel-contaminated soils. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 1999-2008.	1.8	24
130	Circular economy fertilization: Testing micro and macro algal species as soil improvers and nutrient sources for crop production in greenhouse and field conditions. <i>Geoderma</i> , 2019, 334, 113-123.	2.3	74
131	Evaluation of gene expression of different molecular biomarkers of stress response as an effect of copper exposure on the earthworm <i>Eisenia Andrei</i> . <i>Ecotoxicology</i> , 2019, 28, 938-948.	1.1	15
132	Soil and the intensification of agriculture for global food security. <i>Environment International</i> , 2019, 132, 105078.	4.8	617
133	Concentration and chemical distribution of metals and arsenic under different typical Mediterranean cropping systems. <i>Environmental Geochemistry and Health</i> , 2019, 41, 2845-2857.	1.8	3
134	Phytoavailable phosphorus (P_{25}) and potassium (K_2O) in topsoil for apple orchards and vineyards, South Tyrol, Italy. <i>Journal of Maps</i> , 2019, 15, 555-562.	1.0	7
135	Cadmium in soils and groundwater: A review. <i>Applied Geochemistry</i> , 2019, 108, 104388.	1.4	602
136	Metal(loid)s immobilization in soils of Lebanon using municipal solid waste compost: Microbial and biochemical impact. <i>Applied Soil Ecology</i> , 2019, 143, 134-143.	2.1	27
137	Mycorrhiza Based Approaches for Soil Remediation and Abiotic Stress Management. , 2019, , 297-320.		0
138	Analysis of potentially toxic metal constraints to apply sewage sludge in Portuguese agricultural soils. <i>Environmental Science and Pollution Research</i> , 2019, 26, 26000-26014.	2.7	14
139	Zinc-induced root architectural changes of rhizotron-grown <i>B. napus</i> correlate with a differential nitro-oxidative response. <i>Nitric Oxide - Biology and Chemistry</i> , 2019, 90, 55-65.	1.2	21
140	Recent Advances and Perspectives of Molecularly Imprinted Polymer-Based Fluorescent Sensors in Food and Environment Analysis. <i>Nanomaterials</i> , 2019, 9, 1030.	1.9	57
141	Mixed plantation of wheat and accumulators in arsenic contaminated plots: A novel way to reduce the uptake of arsenic in wheat and load on antioxidative defence of plant. <i>Ecotoxicology and Environmental Safety</i> , 2019, 182, 109462.	2.9	18
142	Accumulation, temporal variation, source apportionment and risk assessment of heavy metals in agricultural soils from the middle reaches of Fenhe River basin, North China. <i>RSC Advances</i> , 2019, 9, 21893-21902.	1.7	30
143	Edge effect imprint on elemental traits of plant-invertebrate food web components of oilseed rape fields. <i>Science of the Total Environment</i> , 2019, 687, 1285-1294.	3.9	8
144	The Influence of Olive Orchards Copper-Based Fungicide Use, in Soils and Sedimentsâ€”The Case of Aetoliko (Etoliko) Lagoon Western Greece. <i>Geosciences (Switzerland)</i> , 2019, 9, 267.	1.0	8

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