Toxic Metal Implications on Agricultural Soils, Plants, A Health

International Journal of Environmental Research and Public He

17, 2204

DOI: 10.3390/ijerph17072204

Citation Report

#	Article	IF	Citations
1	Long Non-coding RNA Expression Profile in Broiler Liver with Cadmium-Induced Oxidative Damage. Biological Trace Element Research, 2021, 199, 3053-3061.	1.9	7
2	Gold Mine Tailings: A Potential Source of Silica Sand for Glass Making. Minerals (Basel, Switzerland), 2020, 10, 448.	0.8	22
3	Colorimetric detection of copper ions using porphyrin-conjugated silica nanoparticles. Toxicology and Environmental Health Sciences, 2020, 12, 381-389.	1.1	11
4	Ursodeoxycholic Acid Protects Against Arsenic Induced Hepatotoxicity by the Nrf2 Signaling Pathway. Frontiers in Pharmacology, 2020, 11, 594496.	1.6	13
5	Effects of Cadmium, Lead, and Mercury on the Structure and Function of Reproductive Organs. Toxics, 2020, 8, 94.	1.6	98
6	Food-triad: An index for sustainable consumption. Science of the Total Environment, 2020, 740, 140027.	3.9	6
7	Transcription Factor GmWRKY142 Confers Cadmium Resistance by Up-Regulating the Cadmium Tolerance 1-Like Genes. Frontiers in Plant Science, 2020, 11, 724.	1.7	44
8	The Recovery of Soybean Plants after Short-Term Cadmium Stress. Plants, 2020, 9, 782.	1.6	11
9	Risk Assessment of Heavy Metals in Food Crops at Abandoned Lead-Zinc Mining Site at Tse-Faga, Logo, Lga, Benue State, Nigeria. Journal of Environmental Protection, 2021, 12, 624-638.	0.3	4
10	Ameliorative effect of indole-3-acetic acid- and siderophore-producing Leclercia adecarboxylata MO1 on cucumber plants under zinc stress. Journal of Plant Interactions, 2021, 16, 30-41.	1.0	27
11	Neurotoxicity mechanisms of manganese in the central nervous system. Advances in Neurotoxicology, 2021, 5, 215-238.	0.7	17
12	Astrocytes in heavy metal neurotoxicity and neurodegeneration. Brain Research, 2021, 1752, 147234.	1.1	64
13	Heavy metal distribution in stream sediments and potential ecological risk assessment in Konya Northeast region. Environmental Earth Sciences, 2021, 80, 1.	1.3	12
14	Potential Waste Application of Several Industries Segments in Brazilian Agriculture: Effects on Physical and Chemical Soil Properties. Communications in Soil Science and Plant Analysis, 2021, 52, 1721-1744.	0.6	3
15	Use of machine learning to establish limits in the classification of hyperaccumulator plants growing on serpentine, gypsum and dolomite soils. Mediterranean Botany, 0, 42, e67609.	0.9	4
16	Adoption of floating solar photovoltaics on waste water management system: a unique nexus of water-energy utilization, low-cost clean energy generation and water conservation. Clean Technologies and Environmental Policy, 0, , 1.	2.1	12
17	Investigating the chromium status, heavy metal contamination, and ecological risk assessment via tannery waste disposal in sub-Saharan Africa (Kenya and South Africa). Environmental Science and Pollution Research, 2021, 28, 42135-42149.	2.7	13
18	Microbial Sensing and Removal of Heavy Metals: Bioelectrochemical Detection and Removal of Chromium(VI) and Cadmium(II). Molecules, 2021, 26, 2549.	1.7	21

#	Article	IF	Citations
19	Lead (Pb) exposure is associated with changes in the expression levels of circulating miRNAS (miR-155,) Tj ETQq0 0 0 rgBT /Overlock 10	2.0	8
20	Limestone Quarry Waste Promotes the Growth of Two Native Woody Angiosperms. Frontiers in Ecology and Evolution, 2021, 9, .	1.1	0
21	Chemical Modification of Agro-Industrial Waste-Based Bioadsorbents for Enhanced Removal of Zn(II) Ions from Aqueous Solutions. Materials, 2021, 14, 2134.	1.3	29
22	Sequential Analysis of Trace Elements in a Micro Volume Urine Sample Using Inductively Coupled Plasma Mass Spectrometry. Applied Sciences (Switzerland), 2021, 11, 3740.	1.3	0
23	Ascorbic acid supplementation suppresses cadmium-derived alterations in the fission yeast Schizosaccharomyces pombe. Potravinarstvo, 0, 15, 423-432.	0.5	0
24	Deposition of Potentially Toxic Metals in the Soil from Surrounding Cement Plants in a Karst Area of Southeastern Brazil. Conservation, 2021, 1, 137-150.	0.8	3
25	Molecular hydrogen in agriculture. Planta, 2021, 254, 56.	1.6	24
26	Trace metals and animal health: Interplay of the gut microbiota with iron, manganese, zinc, and copper. Animal Nutrition, 2021, 7, 750-761.	2.1	83
27	Do New-Generation Recycled Phosphorus Fertilizers Increase the Content of Potentially Toxic Elements in Soil and Plants?. Minerals (Basel, Switzerland), 2021, 11, 999.	0.8	6
28	Layered double hydroxides as thermal stabilizers for Poly(vinyl chloride): A review. Applied Clay Science, 2021, 211, 106198.	2.6	26
29	Recent advances on hydrogels based on chitosan and alginate for the adsorption of dyes and metal ions from water. Arabian Journal of Chemistry, 2021, 14, 103455.	2.3	40
30	The electrophysiological effects of cadmium on Retzius nerve cells of the leech Haemopis sanguisuga. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2021, 247, 109062.	1.3	4
31	Fate of arsenic in living systems: Implications for sustainable and safe food chains. Journal of Hazardous Materials, 2021, 417, 126050.	6.5	69
32	Liquiritigenin protects against arsenic trioxide-induced liver injury by inhibiting oxidative stress and enhancing mTOR-mediated autophagy. Biomedicine and Pharmacotherapy, 2021, 143, 112167.	2.5	32
33	Current approaches in horticultural crops to mitigate the effect of metal stress. , 2021, , 275-288.		0
34	Electronic waste and their leachates impact on human health and environment: Global ecological threat and management. Environmental Technology and Innovation, 2021, 24, 102049.	3.0	71
35	Industrial wastewater purification through metal pollution reduction employing microbes and magnetic nanocomposites. Journal of Environmental Chemical Engineering, 2021, 9, 106673.	3.3	19
36	Exogenous Application of Cytokinins Confers Copper Stress Tolerance in Ricinus communis L. Seedlings. Journal of Plant Growth Regulation, 2022, 41, 3395-3409.	2.8	4

#	Article	IF	Citations
37	Can moderate heavy metal soil contaminations due to cement production influence the surrounding soil bacterial communities?. Ecotoxicology, 2022, 31, 134-148.	1.1	3
38	Predictive assessment of toxicantsâ€™ migration from technogenic gold-mining wastes (case study of) Tj ETQq1 1 0.784314 rgBT /Ov 2021, 80, 1.	1.3	3
39	A review on enterosorbents and their application in clinical practice: Removal of toxic metals. Colloids and Interface Science Communications, 2021, 45, 100545.	2.0	16
40	Iron stress response and bioaccumulation potential of three fungal strains isolated from sewageâ€irrigated soil. Journal of Applied Microbiology, 2021, , .	1.4	3
41	Sustainable and efficient technologies for removal and recovery of toxic and valuable metals from wastewater: Recent progress, challenges, and future perspectives. Chemosphere, 2022, 292, 133102.	4.2	62
42	A persistent luminescent nanobeacon for practical detection of lead ions via avoiding background interference. Analytica Chimica Acta, 2022, 1198, 339555.	2.6	9
43	Arsenic trioxide-induced autophagy affected the antioxidant capacity and apoptosis rate of chicken hepatocytes. Chemico-Biological Interactions, 2022, 354, 109821.	1.7	5
44	Assessment of genotoxic and tumorigenic potential and heavy metal contamination in roadside soil and plants of Amritsar (Punjab), India. Environmental Earth Sciences, 2022, 81, 1.	1.3	1
45	Cadmium and lead excess differently affect growth, photosynthetic activity and nutritional status of Trigonella foenum-graecum L.. Crop and Pasture Science, 2022, 73, 969-980.	0.7	2
46	Toxic element contents and associated multi-medium health risk assessment in an area under continuous agricultural use. Environmental Monitoring and Assessment, 2022, 194, 184.	1.3	4
48	Intervention Study of Dictyophora Polysaccharides on Arsenic-Induced Liver Fibrosis in SD Rats. BioMed Research International, 2022, 2022, 1-12.	0.9	3
49	Apoptosis-Inducing Factor 2 (AIF-2) Mediates a Caspase-Independent Apoptotic Pathway in the Tropical Sea Cucumber (Holothuria leucospilota). International Journal of Molecular Sciences, 2022, 23, 3008.	1.8	2
50	The Molecular Mechanism of Hepatic Lipid Metabolism Disorder Caused by NaAsO2 through Regulating the ERK/PPAR Signaling Pathway. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-13.	1.9	7
51	The High Risk of Bivalve Farming in Coastal Areas With Heavy Metal Pollution and Antibiotic-Resistant Bacteria: A Chilean Perspective. Frontiers in Cellular and Infection Microbiology, 2022, 12, 867446.	1.8	12
52	Phytoremediation potential evaluation of three rhubarb species and comparative analysis of their rhizosphere characteristics in a Cd- and Pb-contaminated soil. Chemosphere, 2022, 296, 134045.	4.2	18
53	Zinc alters behavioral phenotypes, neurotransmitter signatures, and immune homeostasis in male zebrafish (Danio rerio). Science of the Total Environment, 2022, 828, 154099.	3.9	5
54	Recent trends for treatment of environmental contaminants in wastewater: An integrated valorization of industrial wastewater. , 2022, , 337-368.		1
55	Protein nanofibrils as versatile and sustainable adsorbents for an effective removal of heavy metals from wastewater: A review. Chemosphere, 2022, 301, 134635.	4.2	9

#	Article	IF	Citations
59	Metal Recovery From Polluted Water Using Electrochemical Technologies. Advances in Environmental Engineering and Green Technologies Book Series, 2022, , 400-421.	0.3	0
60	Metallic nanoparticles decorated chitosan hydrogel wrapped pencil graphite: Effective catalyst for reduction of water pollutants and hydrogen production. Surfaces and Interfaces, 2022, 31, 102004.	1.5	5
61	Bioremediation of Copper- and Chromium-Contaminated Soils Using Agrostis capillaris L., Festuca pratensis Huds., and Poa pratensis L. Mixture of Lawn Grasses. Land, 2022, 11, 623.	1.2	3
62	Exposure to metal mixtures and hypertensive disorders of pregnancy: A nested case-control study in China. Environmental Pollution, 2022, 306, 119439.	3.7	5
63	Effect of incorporation of rice husk ash and iron ore tailings on properties of concrete. Construction and Building Materials, 2022, 338, 127584.	3.2	18
64	Improvement of the Cd and Zn phytoremediation efficiency of rice (Oryza sativa) through the inoculation of a metal-resistant PGPR strain. Chemosphere, 2022, 302, 134900.	4.2	27
65	Influence of Urban Informal Settlements on Trace Element Accumulation in Road Dust and Their Possible Health Implications in Ekurhuleni Metropolitan Municipality, South Africa. Toxics, 2022, 10, 253.	1.6	6
66	Pollution parameters evaluation of wastewater collected at different treatment stages from wastewater treatment plant based on E-nose and E-tongue systems combined with chemometric techniques. Chemometrics and Intelligent Laboratory Systems, 2022, 227, 104593.	1.8	6
67	Microstructure, Electromagnetic Properties, and Microwave Absorption Mechanism of SiO2-MnO-Al2O3 Based Manganese Ore Powder for Electromagnetic Protection. Molecules, 2022, 27, 3758.	1.7	4
68	The synthesis of MOF derived carbon and its application in water treatment. Nano Research, 2022, 15, 6793-6818.	5.8	39
69	Astilbin Attenuates Cadmium-Induced Adipose Tissue Damage by Inhibiting NF-Î¹B Pathways and Regulating the Expression of HSPs in Chicken. Biological Trace Element Research, 2023, 201, 2512-2523.	1.9	3
70	Effect of Mining on Heavy Metals Toxicity and Health Risk in Selected Rivers of Ghana. , 0, , .		2
71	Valorization of fruit waste-based biochar for arsenic removal in soils. Environmental Research, 2022, 213, 113710.	3.7	31
72	Spatio-Temporal Hydrochemistry of Two Selected Ramsar Sites (Rara and Ghodaghodi) of West Nepal. SSRN Electronic Journal, 0, , .	0.4	0
73	Evaluating the potentials of complexing agents in multi-metal extractions using 4,4-(1e,1e)-1,1-(Ethane-1,2-Diylbis(Azan-1-Yl-1ylidene))Bis(5-Methyl-2-Phenyl-2,3-Dihydro-1h-Pyrazol-3-Ol) (H2BuEtP). African Journal of Pure and Applied Chemistry, 2022, 16, 8-21.	0.1	0
74	Impact of industrial effluents on the environment and human health and their remediation using MOFs-based hybrid membrane filtration techniques. Chemosphere, 2022, 307, 135593.	4.2	24
75	Evolutionarily Ancient Caspase-9 Sensitizes Immune Effector Coelomocytes to Cadmium-Induced Cell Death in the Sea Cucumber, Holothuria leucospilota. Frontiers in Immunology, 0, 13, .	2.2	1
76	Edible films for cultivated meat production. Biomaterials, 2022, 287, 121659.	5.7	32

#	Article	IF	Citations
77	Advances in biological methods for the sequestration of heavy metals from water bodies: A review. Environmental Toxicology and Pharmacology, 2022, 94, 103927.	2.0	26
78	Total and hexavalent chromium and other potentially toxic element contamination of useful plant leaves in a polluted mining-smelting region of South Africa and health risks. Environmental Advances, 2022, 9, 100260.	2.2	0
79	Cu and As(V) Adsorption and Desorption on/from Different Soils and Bio-Adsorbents. Materials, 2022, 15, 5023.	1.3	3
80	Recognition of Heavy Metals by Using Resorcin[4]arenes Soluble in Water. Toxics, 2022, 10, 461.	1.6	1
81	Duckweed: a potential phytosensor for heavy metals. Plant Cell Reports, 2022, 41, 2231-2243.	2.8	7
82	Concentrations of Pb and Other Associated Elements in Soil Dust 15 Years after the Introduction of Unleaded Fuel and the Human Health Implications in Pretoria, South Africa. International Journal of Environmental Research and Public Health, 2022, 19, 10238.	1.2	11
83	Global magnitude-frequency statistics of the failures and impacts of large water-retention dams and mine tailings impoundments. Earth-Science Reviews, 2022, 232, 104144.	4.0	12
84	Coupling of metataxonomics and culturing improves bacterial diversity characterization and identifies a novel Rhizorhapis sp. with metal resistance potential in a multi-contaminated waste sediment. Journal of Environmental Management, 2022, 322, 116132.	3.8	0
85	Long-term immobilization of cadmium and lead with biochar in frozen-thawed soils of farmland in China. Environmental Pollution, 2022, 313, 120143.	3.7	4
86	Removal of Pb(II) from water samples using surface modified core/shell CdZnS/ZnS QDs as adsorbents: Characterization, adsorption, kinetic and thermodynamic studies. Arabian Journal of Chemistry, 2022, 15, 104224.	2.3	4
87	Long-term challenges, the characteristics and behavior of various hazardous material and trace elements in soil. , 2022, , 15-32.		0
88	Arbuscular Mycorrhizal Fungi in Phytoremediation. , 2022, , 153-183.		1
89	Background level, occurrence, speciation, bioavailability, uptake, detoxification mechanisms and management of arsenic polluted soil. , 2022, , 221-254.		0
90	Contamination and risk assessment of heavy metals in coastal sediments from the Mid-Black Sea, Turkey. Stochastic Environmental Research and Risk Assessment, 2023, 37, 375-394.	1.9	7
91	Pursuing development on the Eastern Flank of Mt Cameroon: Implications on its heavy metal status, environmental quality and human security. African Journal of Agricultural Research Vol Pp, 2022, 18, 730-741.	0.2	0
92	The thiol-reductase activity of YUCCA6 enhances nickel heavy metal stress tolerance in Arabidopsis. Frontiers in Plant Science, 0, 13, .	1.7	2
93	Assessment of Acute and Short-Term Developmental Toxicity of Mercury Chloride to Rare Minnow (Gobiocypris rarus). Water (Switzerland), 2022, 14, 2825.	1.2	0
95	Applications of Cr-rich composted tannery sludge in the soil decrease microbial biomass and select specific bacterial groups. Environmental Science and Pollution Research, 0, , .	2.7	2

#	Article	IF	Citations
96	Contamination of useful plant leaves with chromium and other potentially toxic elements and associated health risks in a polluted mining-smelting region of South Africa. Environmental Advances, 2022, 9, 100301.	2.2	10
97	Large-Scale Expansion of Porcine Adipose-Derived Stem Cells Based on Microcarriers System for Cultured Meat Production. Foods, 2022, 11, 3364.	1.9	5
98	Parathyroid hormones in relation to serum cadmium and lead: the NHANES 2003â€“2006. Environmental Science and Pollution Research, 2023, 30, 18491-18498.	2.7	2
99	Interaction between zinc and selenium bio-fortification and toxic metals (loid) accumulation in food crops. Frontiers in Plant Science, 0, 13, .	1.7	2
100	Toxic Effects of Cadmium on Fish. Toxics, 2022, 10, 622.	1.6	28
101	Preparation of Isopropyl Acrylamide Grafted Chitosan and Carbon Bionanocomposites for Adsorption of Lead Ion and Methylene Blue. Polymers, 2022, 14, 4485.	2.0	5
102	Enhancement of Cadmium Phytoremediation Potential of Helianthus annuus L. with Application of EDTA and IAA. Metabolites, 2022, 12, 1049.	1.3	4
103	Spatio-temporal hydrochemistry of two selected Ramsar sites (Rara and Ghodaghodi) of west Nepal. Heliyon, 2022, 8, e11243.	1.4	1
105	Comparative toxicological assessment of three soils polluted with different levels of hydrocarbons and heavy metals using in vitro and in vivo approaches. Environmental Pollution, 2022, 315, 120472.	3.7	4
106	Lithium: A review on concentrations and impacts in marine and coastal systems. Science of the Total Environment, 2023, 857, 159374.	3.9	11
107	Application of Monte Carlo simulation for carcinogenic and non-carcinogenic risks assessment through multi-exposure pathways of heavy metals of river water and sediment, India. Environmental Geochemistry and Health, 2023, 45, 3465-3486.	1.8	8
108	An Evaluation of Exposure to 18 Toxic and/or Essential Trace Elements Exposure in Maternal and Cord Plasma during Pregnancy at Advanced Maternal Age. International Journal of Environmental Research and Public Health, 2022, 19, 14485.	1.2	3
109	Risk Assessment of Heavy Metals Contamination in Soil and Two Rice (Oryza sativa L.) Varieties Irrigated with Paper Mill Effluent. Agriculture (Switzerland), 2022, 12, 1864.	1.4	25
110	Metal-Rich Mine-Tailing Spills in Brazil and the Consequences for the Surrounding Water Bodies. Water, Air, and Soil Pollution, 2022, 233, .	1.1	2
111	Simultaneous toxic Cd(II) and Pb(II) encapsulation from contaminated water using Mg/Al-LDH composite materials. Journal of Molecular Liquids, 2022, 368, 120810.	2.3	37
112	Comparative evaluation of chemical composition, antioxidant capacity, and some contaminants in six Moroccan medicinal and aromatic plants. Biocatalysis and Agricultural Biotechnology, 2023, 47, 102569.	1.5	10
113	Effects of Heavy Metal Stress on Physiology, Hydraulics, and Anatomy of Three Desert Plants in the Jinchang Mining Area, China. International Journal of Environmental Research and Public Health, 2022, 19, 15873.	1.2	4
114	Chemical and Biological Properties of Agricultural Soils Located along Communication Routes. Agriculture (Switzerland), 2022, 12, 1990.	1.4	1

#	Article	IF	Citations
115	Persistent organic pollutants influence the marine benthic macroinvertebrate assemblages in surface sediments of Nayband National Park and Bay, Northern Persian Gulf, Iran. Environmental Science and Pollution Research, 0, , .	2.7	1
116	Using pollution indices to develop a risk classification tool for gold mining contaminated soils. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2022, 57, 1047-1057.	0.9	1
117	Individual and combined contamination of oxytetracycline and cadmium inhibited nitrification by inhibiting ammonia oxidizers. Frontiers in Microbiology, 0, 13, .	1.5	2
118	A global perspective of correlation between maternal blood lead levels and risks of preeclampsia: An updated systematic review and meta-analysis. Frontiers in Public Health, 0, 10, .	1.3	3
119	Differential influence of heavy metals on plant growth promoting attributes of beneficial microbes and their ability to promote growth of Vigna radiata (mung bean). Biocatalysis and Agricultural Biotechnology, 2023, 47, 102592.	1.5	2
120	Lead Exposure of Four Biologically Important Common Branded and Non-branded Spices: Relative Analysis and Health Implication. Biological Trace Element Research, 2023, 201, 4972-4984.	1.9	2
121	Effects of cadmium and lead co-exposure on glucocorticoid levels in rural residents of northwest China. Chemosphere, 2023, 317, 137783.	4.2	2
122	Applications of Metabolomics for the Elucidation of Abiotic Stress Tolerance in Plants: A Special Focus on Osmotic Stress and Heavy Metal Toxicity. Plants, 2023, 12, 269.	1.6	11
123	Effects of metal accumulation on oxidative metabolism of. Marine and Freshwater Research, 2023, 74, 144-156.	0.7	3
124	Preparation and performance of bionanocomposites based on grafted chitosan, GO and TiO2-NPs for removal of lead ions and basic-red 46. Carbohydrate Polymers, 2023, 305, 120571.	5.1	9
125	Bacterial Community Composition and Function of Tropical River Ecosystem along the Nandu River on Hainan Island, China. International Journal of Environmental Research and Public Health, 2023, 20, 382.	1.2	0
126	Removal of toxic metals from aqueous phase using cacao pod husk biochar in the era of green chemistry. Applied Water Science, 2023, 13, .	2.8	2
127	Supersaturated solid solution enhanced biodegradable Zn-Mn alloys prepared by mechanical alloying and selective laser melting. Journal of Alloys and Compounds, 2023, 943, 169145.	2.8	9
128	Understanding the bioaccumulation of pharmaceuticals and personal care products. , 2023, , 393-434.		0
129	Chitosan hydrogel anchored phthalocyanine supported metal nanoparticles: Bifunctional catalysts for pollutants reduction and hydrogen production. Environmental Pollution, 2023, 327, 121524.	3.7	4
130	Maximizing the potential of leachate from sewage sludge as a sustainable nutrients source to alleviate the fertilizer crisis. Journal of Environmental Management, 2023, 338, 117794.	3.8	2
131	Applied Analytical Methods for Detecting Heavy Metals in Medicinal Plants. Critical Reviews in Analytical Chemistry, 2023, 53, 339-359.	1.8	10
132	Use of Three Different Nanoparticles to Reduce Cd Availability in Soils: Effects on Germination and Early Growth of Sinapis alba L.. Plants, 2023, 12, 801.	1.6	1

#	Article	IF	Citations
133	Cold Plasma and Foliar-Applied Selenium Nanoparticles Modulated Cadmium Toxicity Through Changes in Physio-biochemical Properties and Essential Oil Profile of Sage (SalviaÂofficinalisÂL.). Journal of Soil Science and Plant Nutrition, 0, , .	1.7	0
134	Polysulfides as Sorbents in Support of Sustainable Recycling. ACS Sustainable Chemistry and Engineering, 2023, 11, 3557-3567.	3.2	4
135	Weaponising microbes for peace. Microbial Biotechnology, 2023, 16, 1091-1111.	2.0	12
136	Influence of Environmental Exposure to Steel Waste on Endocrine Dysregulation and PER3 Gene Polymorphisms. International Journal of Environmental Research and Public Health, 2023, 20, 4760.	1.2	0
137	Bacterial Metal-Scavengers Newly Isolated from Indonesian Gold Mine-Impacted Area: Bacillus altitudinis MIM12 as Novel Tools for Bio-Transformation of Mercury. Microbial Ecology, 0, , .	1.4	1
138	Analysis of the double-side power supply for electronic-ion technology devices with pulse voltage. IOP Conference Series: Earth and Environmental Science, 2023, 1142, 012012.	0.2	0
139	Sustainable Use of Sewage Sludge for Marigold (Tagetes erecta L.) Cultivation: Experimental and Predictive Modeling Studies on Heavy Metal Accumulation. Horticulturae, 2023, 9, 447.	1.2	9
140	Intra- and inter-annual variations in metal concentrations in the superficial water of a highly polluted urban basin of Argentina. Environmental Science and Pollution Research, 2023, 30, 60838-60853.	2.7	2
141	Employment and performance of modified chitosan for the removal of copper ions and methylene blue in wastewater. Polymer Engineering and Science, 2023, 63, 1836-1850.	1.5	4
142	Crop growth on metal-contaminated soils using nanotechnology. , 2023, , 277-303.		1
143	Heavy metals content and health risk assessment of selected leafy plants consumed in Bosnia and Herzegovina. Plant, Soil and Environment, 0, , .	1.0	0
145	Plant Growthâ€“Promoting Rhizobacteria (PGPR) Assisted Bioremediation of Heavy Metal Toxicity. Applied Biochemistry and Biotechnology, 0, , .	1.4	8
169	Measures to Control and Prevent Heavy Metal Pollution in Soils of Sub-Saharan Africa. Advances in Environmental Engineering and Green Technologies Book Series, 2023, , 311-321.	0.3	0
180	Toxic and environmentally ubiquitous chemical agents. , 2024, , 137-154.		0
183	Ingression of Heavy Metals in Urban Agroecosystems: Sources, Phytotoxicity and Consequences on Human Health. , 2023, , 161-184.		0
188	Efficiency of Aquatic Plants for Remediation of Wastewater. , 2023, , 159-174.		0
202	Endophytic Bacilli for the Amelioration of Biotic and Abiotic Stresses in Plants: A Mechanistic Approach. Microorganisms for Sustainability, 2024, , 91-105.	0.4	0
206	Sustainable approaches for heavy metal removal from water. , 2024, , 227-235.		0

#	Article	IF	Citations
216	Acidophilic bacteria for metal extraction: biotechnological characteristics and applications. Brazilian Journal of Chemical Engineering, 0, , .	0.7	0
217	Heavy metals/-metalloids (As) phytoremediation with Landoltia punctata and Lemna sp. (duckweeds): coupling with biorefinery prospects for sustainable phytotechnologies. Environmental Science and Pollution Research, 2024, 31, 16216-16240.	2.7	0
223	Heavy Metal Bioaccumulation in Food Chains and Health Risks. Advances in Environmental Engineering and Green Technologies Book Series, 2024, , 271-290.	0.3	0