Assessing risk of heavy metals from consuming food gr
food chain transfer

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Citation Report

#	Article	IF	Citations
1	Speciation dynamics and bioavailability of metals. Exploration of the case of two uptake routes. Pure and Applied Chemistry, 2001, 73, 39-44.	1.9	27
2	Heavy metals in wheat grain: Assessment of potential health risk for inhabitants in Kunshan, China. Science of the Total Environment, 2008, 405, 54-61.	8.0	308
3	Epibrassinolide regulated synthesis of polyamines and auxins in Raphanus sativus L. seedlings under Cu metal stress. Brazilian Journal of Plant Physiology, 2009, 21, 25-32.	0.5	11
4	Health risk from heavy metals via consumption of food crops in the vicinity of Dabaoshan mine, South China. Science of the Total Environment, 2009, 407, 1551-1561.	8.0	957
6	Distribution of heavy metals in agricultural soils near a petrochemical complex in Guangzhou, China. Environmental Monitoring and Assessment, 2009, 153, 365-375.	2.7	112
7	The biochemistry of environmental heavy metal uptake by plants: Implications for the food chain. International Journal of Biochemistry and Cell Biology, 2009, 41, 1665-1677.	2.8	704
8	Risk assessment of potentially toxic element pollution in soils and rice (Oryza sativa) in a typical area of the Yangtze River Delta. Environmental Pollution, 2009, 157, 2542-2549.	7.5	267
9	Chelator-enhanced phytoextraction of heavy metals from contaminated soil irrigated by industrial wastewater with the hyperaccumulator plant (Sedum alfredii Hance). Geoderma, 2009, 150, 106-112.	5.1	119
10	An approach by using near-infrared diffuse reflectance spectroscopy and resin adsorption for the determination of copper, cobalt and nickel ions in dilute solution. Talanta, 2009, 79, 339-343.	5.5	22
11	Salinity and Persistent Toxic Substances in Soils from Shanghai, China. Pedosphere, 2009, 19, 779-789.	4.0	9
12	Environmental availability and profile characteristics of arsenic, cadmium, lead and zinc in metal-contaminated vegetable soils. Transactions of Nonferrous Metals Society of China, 2009, 19, 765-772.	4.2	22
14	Analysis of Bacteria, Parasites, and Heavy Metals in Lettuce (Lactuca sativa) and Rocket Salad (Eruca) Tj ETQq1 1 0.784314 rgBT /Ove Trace Element Research, 2010, 134, 342-351.	3.5	19
15	Growth changes and tissues anatomical characteristics of giant reed (Arundo donax L.) in soil contaminated with arsenic, cadmium and lead. Central South University, 2010, 17, 770-777.	0.5	65
16	Urban growth, wastewater production and use in irrigated agriculture: a comparative study of Accra, Addis Ababa and Hyderabad. Irrigation and Drainage Systems, 2010, 24, 53-64.	0.5	54
17	Heavy metals in rice and garden vegetables and their potential health risks to inhabitants in the vicinity of an industrial zone in Jiangsu, China. Journal of Environmental Sciences, 2010, 22, 1792-1799.	6.1	286
18	Quantitative Analysis of Chromium(VI) in Dilute Solution by Using Adsorption and Diffuse Reflectance Nearâ€infrared Spectroscopy. Chinese Journal of Chemistry, 2010, 28, 2009-2014.	4.9	2
19	Contrasting effects of elevated CO2 on Cu and Cd uptake by different rice varieties grown on contaminated soils with two levels of metals: Implication for phytoextraction and food safety. Journal of Hazardous Materials, 2010, 177, 352-361.	12.4	72
20	Toxicity assessment of garden soils in the vicinity of mining areas in Southern Morocco. Journal of Hazardous Materials, 2010, 177, 755-761.	12.4	57

#	Article	IF	Citations
21	A comparative study of human health risks via consumption of food crops grown on wastewater irrigated soil (Peshawar) and relatively clean water irrigated soil (lower Dir). Journal of Hazardous Materials, 2010, 179, 612-621.	12.4	213
22	Impact of long-term reclaimed wastewater irrigation on agricultural soils: A preliminary assessment. Journal of Hazardous Materials, 2010, 183, 780-786.	12.4	174
23	Potential of Typha angustifolia for phytoremediation of heavy metals from aqueous solution of phenol and melanoidin. Ecological Engineering, 2010, 36, 1277-1284.	3.6	68
24	Changes induced by Cu2+ and Cr6+ metal stress in polyamines, auxins, abscisic acid titers and antioxidative enzymes activities of radish seedlings. Brazilian Journal of Plant Physiology, 2010, 22, 263-270.	0.5	20
26	Heavy Metal Accumulation in Soil Amended with Roadside Pond Sediment and Uptake by Winter Wheat (Triticum aestivumL. cv. PBW 343). Scientific World Journal, The, 2010, 10, 2314-2329.	2.1	15
27	Lead, Cadmium, Zinc, and Copper Bioavailability in the Soil-Plant-Animal System in a Polluted Area. Scientific World Journal, The, 2010, 10, 273-285.	2.1	16
28	The uptake and translocation of selected elements by cole (Brassica) grown using oasis soils in pot experiments. Toxicological and Environmental Chemistry, 2010, 92, 1541-1549.	1.2	9
29	Heavy Metals in Soil and Crops of an Intensively Farmed Area: A Case Study in Yucheng City, Shandong Province, China. International Journal of Environmental Research and Public Health, 2010, 7, 395-412.	2.6	108
30	Monitoring exposure to heavy metals among children in Lake Victoria, Kenya: Environmental and fish matrix. Ecotoxicology and Environmental Safety, 2010, 73, 1797-1803.	6.0	53
31	Soil and vegetables enrichment with heavy metals from geological sources in Gilgit, northern Pakistan. Ecotoxicology and Environmental Safety, 2010, 73, 1820-1827.	6.0	303
32	Health risk assessment of heavy metals via dietary intake of foodstuffs from the wastewater irrigated site of a dry tropical area of India. Food and Chemical Toxicology, 2010, 48, 611-619.	3.6	648
33	Impact of irrigation with treated low quality water on the heavy metal contents of a soil-crop system in Serbia. Agricultural Water Management, 2010, 98, 451-457.	5.6	21
34	The different responses of glutathione-dependent detoxification pathway to fungicide chlorothalonil and carbendazim in tomato leaves. Chemosphere, 2010, 79, 958-965.	8.2	49
35	Accumulation of Silicon in Different Genotypes of Oat Grains and Its Relationship with Other Eight Elements. International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering, 2010, , .	0.0	0
36	Heavy Metals in Food Crops and the Associated Potential for Combined Health Risk due to Interactions between Metals. Human and Ecological Risk Assessment (HERA), 2011, 17, 700-711.	3.4	5
37	Metal-Induced Oxidative Stress and Plant Mitochondria. International Journal of Molecular Sciences, 2011, 12, 6894-6918.	4.1	161
38	Bioaccumulation of metals in human blood in industrially contaminated area. Journal of Environmental Sciences, 2011, 23, 2069-2077.	6.1	26
39	Trace metal uptake by tropical vegetables grown on soil amended with urban sewage sludge. Environmental Pollution, 2011, 159, 368-376.	7.5	106

#	Article	IF	Citations
40	Neutron activation analysis of wheat samples. Applied Radiation and Isotopes, 2011, 69, 1596-1604.	1.5	9
41	Effect of 28-homobrassinolide on antioxidant defence system in Raphanus sativus L. under chromium toxicity. Ecotoxicology, 2011, 20, 862-874.	2.4	80
42	The function of constructed wetland in reducing the risk of heavy metals on human health. Environmental Monitoring and Assessment, 2011, 181, 531-537.	2.7	16
43	A Combination of Melatonin and Alpha Lipoic Acid has Greater Cardioprotective Effect than Either of them Singly Against Cadmium-Induced Oxidative Damage. Cardiovascular Toxicology, 2011, 11, 78-88.	2.7	34
44	Inventory of heavy metal content in organic waste applied as fertilizer in agriculture: evaluating the risk of transfer into the food chain. Environmental Science and Pollution Research, 2011, 18, 918-939.	5.3	90
45	Heavy metal contamination and risk assessment in water, paddy soil, and rice around an electroplating plant. Environmental Science and Pollution Research, 2011, 18, 1623-1632.	5.3	156
46	Enhancing effects of 24-epibrassinolide and Putrescine on the antioxidant capacity and free radical scavenging activity of Raphanus sativus seedlings under Cu ion stress. Acta Physiologiae Plantarum, 2011, 33, 1319-1333.	2.1	23
47	Phytoavailability, human risk assessment and transfer characteristics of cadmium and zinc contamination from urban gardens in Kano, Nigeria. Journal of the Science of Food and Agriculture, 2011, 91, 2722-2730.	3.5	39
48	Role of organic amendments on enhanced bioremediation of heavy metal(loid) contaminated soils. Journal of Hazardous Materials, 2011, 185, 549-574.	12.4	750
49	Mitogen-Activated Protein (MAP) Kinases in Plant Metal Stress: Regulation and Responses in Comparison to Other Biotic and Abiotic Stresses. International Journal of Molecular Sciences, 2012, 13, 7828-7853.	4.1	128
50	Trace metals in vegetables grown with municipal and industrial wastewaters. Toxicological and Environmental Chemistry, 2012, 94, 1125-1143.	1.2	11
51	Antioxidant Properties and Heavy Metal Content of Lotus Plant (Nelumbo nucifera Gaertn) Grown in Ex-tin Mining Pond near Kampar, Malaysia. Food Science and Technology Research, 2012, 18, 461-465.	0.6	5
52	Soil Contamination, Nutritive Value, and Human Health Risk Assessment of Heavy Metals: An Overview. , 2012, , 1-27.		62
53	Glutathione Is a Key Player in Metal-Induced Oxidative Stress Defenses. International Journal of Molecular Sciences, 2012, 13, 3145-3175.	4.1	621
54	Transfer of wastewater associated pharmaceuticals and personal care products to crop plants from biosolids treated soil. Ecotoxicology and Environmental Safety, 2012, 85, 104-109.	6.0	119
55	Interaction of Brassinosteroids and Polyamines Enhances Copper Stress Tolerance in Raphanus Sativus. Journal of Experimental Botany, 2012, 63, 5659-5675.	4.8	142
56	Heavy metal accumulation in vegetables grown in a long-term wastewater-irrigated agricultural land of tropical India. Environmental Monitoring and Assessment, 2012, 184, 6673-6682.	2.7	90
57	Heavy metal concentrations in raw milk collected from different regions of Samsun, Turkey. International Journal of Dairy Technology, 2012, 65, 516-522.	2.8	28

#	Article	IF	Citations
58	Health risk of heavy metals in food crops grown on reclaimed tidal flat soil in the Pearl River Estuary, China. Journal of Hazardous Materials, 2012, 227-228, 148-154.	12.4	188
59	Groundwater contamination in the Roorkee area, India: 2D joint inversion of radiomagnetotelluric and direct current resistivity data. Journal of Applied Geophysics, 2012, 76, 127-135.	2.1	20
60	Concentration levels of metals in vegetables grown in soils irrigated with river water in Addis Ababa, Ethiopia. Ecotoxicology and Environmental Safety, 2012, 77, 57-63.	6.0	99
62	Influence of soil type and genotype on Cd bioavailability and uptake by rice and implications for food safety. Journal of Environmental Sciences, 2012, 24, 1647-1654.	6.1	66
63	Heavy metals in vegetables and potential risk for human health. Scientia Agricola, 2012, 69, 54-60.	1.2	209
64	Health risk assessment of heavy metals for edible parts of vegetables grown in sewage-irrigated soils in suburbs of Baoding City, China. Environmental Monitoring and Assessment, 2012, 184, 3503-3513.	2.7	83
65	Phytoextraction of toxic metals: a central role for glutathione. Plant, Cell and Environment, 2012, 35, 334-346.	5.7	283
66	Health risk assessment of heavy metals in soils and vegetables from wastewater irrigated area, Beijing-Tianjin city cluster, China. Journal of Environmental Sciences, 2012, 24, 690-698.	6.1	166
67	Multivariate and geostatistical analyses of the spatial distribution and origin of heavy metals in the agricultural soils in Shunyi, Beijing, China. Science of the Total Environment, 2012, 425, 66-74.	8.0	374
68	Cd and Pb Contents in Soil, Plants, and Grasshoppers along a Pollution Gradient in Huludao City, Northeast China. Biological Trace Element Research, 2012, 145, 403-410.	3.5	30
69	Mercury and Cadmium Contamination in Traffic Soil of Beijing, China. Bulletin of Environmental Contamination and Toxicology, 2012, 88, 154-157.	2.7	39
70	An eco-sustainable green approach for heavy metals management: two case studies of developing industrial region. Environmental Monitoring and Assessment, 2012, 184, 421-448.	2.7	56
71	Lead-induced oxidative damage in steriled seedlings of Nymphoides peltatum. Environmental Science and Pollution Research, 2013, 20, 5047-5055.	5.3	30
72	Accumulation of heavy metals in Spinacia oleracea irrigated with paper mill effluent and sewage. Environmental Monitoring and Assessment, 2013, 185, 7343-7352.	2.7	31
73	Potential risk assessment of heavy metals by consuming shellfish collected from Xiamen, China. Environmental Science and Pollution Research, 2013, 20, 2937-2947.	5.3	139
74	Human health risk assessment of heavy metals in soilâ€“vegetable system: A multi-medium analysis. Science of the Total Environment, 2013, 463-464, 530-540.	8.0	634
75	Health risk assessment and multivariate apportionment of trace metals in wild leafy vegetables from Lesser Himalayas, Pakistan. Ecotoxicology and Environmental Safety, 2013, 92, 237-244.	6.0	83
76	Accumulation and health risk of heavy metals in a plot-scale vegetable production system in a peri-urban vegetable farm near Nanjing, China. Ecotoxicology and Environmental Safety, 2013, 98, 303-309.	6.0	62

#	Article	IF	Citations
77	Accumulation and health risk of heavy metals in vegetables from harmless and organic vegetable production systems of China. Ecotoxicology and Environmental Safety, 2013, 98, 324-330.	6.0	51
78	Influence of long-term sewage irrigation on the distribution of organochlorine pesticides in soilâ€“groundwater systems. Chemosphere, 2013, 92, 337-343.	8.2	27
79	The influences of soil properties on Cu and Zn availability in soil and their transfer to wheat (Triticum aestivum L.) in the Yangtze River delta region, China. Geoderma, 2013, 193-194, 131-139.	5.1	42
80	Assessment of trace element concentrations in soil and plants from cropland irrigated with wastewater. Ecotoxicology and Environmental Safety, 2013, 98, 283-291.	6.0	59
81	Trace elements in animal-based food from Shanghai markets and associated human daily intake and uptake estimation considering bioaccessibility. Ecotoxicology and Environmental Safety, 2013, 96, 160-167.	6.0	40
82	Human health risk from Heavy metal via food crops consumption with wastewater irrigation practices in Pakistan. Chemosphere, 2013, 93, 2230-2238.	8.2	239
83	Accumulation of heavy metals in edible parts of vegetables irrigated with waste water and their daily intake to adults and children, District Mardan, Pakistan. Food Chemistry, 2013, 136, 1515-1523.	8.2	203
84	Biosorption of citric acidâ€“cadmium complex by imprinted chitosan polymer. Desalination and Water Treatment, 2013, 51, 3754-3761.	1.0	3
85	Aminoacidic units wired on poly(aryleneethynylene) platforms as highly selective mercury-responsive materials. Tetrahedron Letters, 2013, 54, 303-307.	1.4	4
86	Evaluation of biochemical and redox parameters in rats fed with corn grown in soil amended with urban sewage sludge. Ecotoxicology and Environmental Safety, 2013, 95, 188-194.	6.0	11
87	Heavy metal risk assessment for potatoes grown in overused phosphate-fertilized soils. Environmental Monitoring and Assessment, 2013, 185, 1825-1831.	2.7	37
88	Removal of lead ions from aqueous solution by the dried aquatic plant, Lemna perpusilla Torr.. Journal of Hazardous Materials, 2013, 244-245, 603-612.	12.4	60
89	Screening of Native Hyperaccumulators at the Huayuan River Contaminated by Heavy Metals. Bioremediation Journal, 2013, 17, 21-29.	2.0	15
90	Heavy metals in agricultural soils and crops and their health risks in Swat District, northern Pakistan. Food and Chemical Toxicology, 2013, 58, 449-458.	3.6	247
91	Transfer of metals from soil to vegetables and possible health risk assessment. SpringerPlus, 2013, 2, 385.	1.2	231
92	The concentration and distribution of selected heavy metals (Pb, Cd, Cu and Zn) in soils collected from the rice fields of MADA in Kedah, Malaysia. , 2013, , .		1
93	Risk Exposure to Agents Causing Waterborne Diseases in the El Ahogado Basin, Mexico. Water Environment Research, 2013, 85, 2175-2183.	2.7	0
94	Assisted phytoextraction of heavy metals: compost and Trichoderma effects on giant reed (Arundo) Tj ETQq1 1 0.784314 rgBT /Overl	1.0	18

#	Article	IF	Citations
95	Evaluation of Heavy Metals Loading of Yamoussoukro Lake System (COTE D?IVOIRE). Research Journal of Environmental and Earth Sciences, 2013, 5, 94-97.	0.1	0
96	The SbMT-2 Gene from a Halophyte Confers Abiotic Stress Tolerance and Modulates ROS Scavenging in Transgenic Tobacco. PLoS ONE, 2014, 9, e111379.	2.5	93
97	Effects and Risk Evaluation of Oil Spillage in the Sea Areas of Changxing Island. International Journal of Environmental Research and Public Health, 2014, 11, 8491-8507.	2.6	16
98	AvaliaÃ§Ã£o da exposiÃ§Ã£o ao Pb e Cd em crianÃ§as de 0 a 17 anos por consumo de alimentos vegetais cultivados em solos contaminados no municÃpio de Santo Amaro (BA). Engenharia Sanitaria E Ambiental, 2014, 19, 3-12.	0.5	7
99	Heavy metals accumulation causes toxicological effects in aquatic Typha domingensis Pers. Revista Brasileira De Botanica, 2014, 37, 461-467.	1.3	12
100	Spatial distribution of heavy metals in soil, water, and vegetables of farms in Sanandaj, Kurdistan, Iran. Journal of Environmental Health Science & Engineering, 2014, 12, 136.	3.0	48
101	Heavy metal hazards of Nigerian smokeless tobacco. Tobacco Control, 2014, 23, 513-517.	3.2	13
102	Risk Assessment of Heavy Metals Contamination in Paddy Soil, Plants, and Grains (Oryza sativaL.) at the East Coast of India. BioMed Research International, 2014, 2014, 1-11.	1.9	122
103	Application of Microwave Plasma Atomic Emission Spectrometry (MP-AES) for environmental monitoring of industrially contaminated sites in Hyderabad City. Environmental Monitoring and Assessment, 2014, 186, 7097-7113.	2.7	27
104	Accumulation of mercury and cadmium in rice from paddy soil near a mercury mine. Environmental Toxicology and Chemistry, 2014, 33, 2438-2447.	4.3	35
105	Toxic Elements in Food: Occurrence, Binding, and Reduction Approaches. Comprehensive Reviews in Food Science and Food Safety, 2014, 13, 457-472.	11.7	132
106	The Use of Vegetables in the Biomonitoring of Cadmium and Lead Pollution in the Environment. Critical Reviews in Analytical Chemistry, 2014, 44, 2-15.	3.5	19
107	Human nail usage as a Bio-indicator in contamination monitoring of heavy metals in Dizajabaad, Zanjan province-Iran. Journal of Environmental Health Science & Engineering, 2014, 12, 147.	3.0	21
108	Health risk assessment of zinc, chromium, and nickel from cow meat consumption in an urban Nigerian population. International Journal of Occupational and Environmental Health, 2014, 20, 281-288.	1.2	32
109	Heavy Metal Contamination in Vegetables, Fruits, Soil and Water â€“ A Critical Review. International Journal of Agriculture Environment and Biotechnology, 2014, 7, 603.	0.1	11
110	Interaction between Cd and Pb in the soil-plant system: a case study of an arid oasis soil-cole system. Journal of Arid Land, 2014, 6, 59-68.	2.3	14
111	Enrichment pattern of leachable trace metals in roadside soils of Miri City, Eastern Malaysia. Environmental Earth Sciences, 2014, 72, 1765-1773.	2.7	11
112	Human health risk assessment of heavy metals via consumption of contaminated vegetables collected from different irrigation sources in Lahore, Pakistan. Arabian Journal of Chemistry, 2014, 7, 91-99.	4.9	332

#	Article	IF	Citations
113	Development and validation of an analytical method for the determination of arsenic, cadmium and lead content in powdered infant formula by means of quadrupole Inductively Coupled Plasma Mass Spectrometry. Food Control, 2014, 44, 159-165.	5.5	37
114	Identification of heavy metal sources in the reclaimed farmland soils of the pearl river estuary in China using a multivariate geostatistical approach. Ecotoxicology and Environmental Safety, 2014, 105, 7-12.	6.0	118
116	Trace metal pollution in soil and wild plants from leadâ€“zinc smelting areas in Huixian County, Northwest China. Journal of Geochemical Exploration, 2014, 147, 182-188.	3.2	60
118	Mathematical forecasting methods for predicting lead contents in animal organs on the basis of the environmental conditions. Ecotoxicology and Environmental Safety, 2014, 110, 232-238.	6.0	4
119	Assessment of human health risk for heavy metals in fish and shrimp collected from Subarnarekha river, India. International Journal of Environmental Health Research, 2014, 24, 429-449.	2.7	39
120	Differential response of Arabidopsis leaves and roots to cadmium: Glutathione-related chelating capacity vs antioxidant capacity. Plant Physiology and Biochemistry, 2014, 83, 1-9.	5.8	110
121	Fate and Uptake of Pharmaceuticals in Soilâ€“Plant Systems. Journal of Agricultural and Food Chemistry, 2014, 62, 816-825.	5.2	263
122	Evaluation of toxicological risk of foodstuffs contaminated with heavy metals in Swat, Pakistan. Ecotoxicology and Environmental Safety, 2014, 108, 224-232.	6.0	66
123	Heavy metals in vegetables and respective soils irrigated by canal, municipal waste and tube well waters. Food Additives and Contaminants: Part B Surveillance, 2014, 7, 213-219.	2.8	55
124	The bioaccumulation of Cd in rice grains in paddy soils as affected and predicted by soil properties. Journal of Soils and Sediments, 2014, 14, 1407-1416.	3.0	74
125	Speciation study of the heavy metals in commercially available recharge cards coatings in Nigeria and the health implication. Toxicology Reports, 2014, 1, 243-251.	3.3	12
127	Institutional and policy analysis of wastewater (re)use for agriculture: case study Hyderabad, India. Water Science and Technology, 2015, 72, 322-331.	2.5	13
128	An Electrochemical Sensor for Determination of Ultratrace Cd, Cu and Hg in Water Samples by Modified Carbon Paste Electrode Base on a New Schiff Base Ligand. Electroanalysis, 2015, 27, 2479-2485.	2.9	19
129	Metal Uptake in Plants and Health Risk Assessments in Metalâ€Contaminated Smelter Soils. Land Degradation and Development, 2015, 26, 785-792.	3.9	184
130	HEAVY METAL IN FISH: ANALYSIS AND HUMAN HEALTH-A REVIEW. Jurnal Teknologi (Sciences and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.4	14
131	A physico-chemical analysis of soil and selected fruits in one rehabilitated mined out site in the Sierra Rutile environs for the presence of heavy metals: Lead, Copper, Zinc, Chromium and Arsenic. African Journal of Pure and Applied Chemistry, 2015, 9, 27-32.	0.5	11
132	Heavy Metals Accumulation in Soil and Agricultural Crops Grown in the Province of Asahi India Glass Ltd., Haridwar (Uttarakhand), India. Advances in Crop Science and Technology, 2015, 04, .	0.4	10
133	Heavy Metals (Cd, Ni and Pb) Contamination of Soils, Plants and Waters in Madina Town of Faisalabad Metropolitan and Preparation of Gis Based Maps. Advances in Crop Science and Technology, 2015, 04, .	0.4	29

#	Article	IF	Citations
134	Bioaccumulation of Antimony and Arsenic in Vegetables and Health Risk Assessment in the Superlarge Antimony-Mining Area, China. Journal of Analytical Methods in Chemistry, 2015, 2015, 1-9.	1.6	29
135	Cadmium contamination of rice from various polluted areas of China and its potential risks to human health. Environmental Monitoring and Assessment, 2015, 187, 408.	2.7	73
136	Effect of passivator on Cu form transformation in pig manure aerobic composting and application in soil. Environmental Science and Pollution Research, 2015, 22, 14727-14737.	5.3	28
137	Socio-economic background of wastewater irrigation and bioaccumulation of heavy metals in crops and vegetables. Agricultural Water Management, 2015, 158, 26-34.	5.6	56
138	Metals Uptake by Wastewater Irrigated Vegetables and their Daily Dietary Intake in Peshawar, Pakistan / Pobieranie Metali Przez Warzywa Nawadniane Åściekami I Ich Dzienne StÄ™Å¼enie W Diecie LudnoÅ›ci Peszawaru, Pakistan. Ecological Chemistry and Engineering S, 2015, 22, 125-139.	1.5	10
139	Heavy metal pollution in soils from abandoned Taizhou Chemical Industry Zone in Zhejiang province. Environmental Technology (United Kingdom), 2015, 36, 2944-2951.	2.2	9
140	Concentrations of Heavy Metals and Arsenic in Market Rice Grain and Their Potential Health Risks to the Population of Fuzhou, China. Human and Ecological Risk Assessment (HERA), 2015, 21, 117-128.	3.4	40
141	Health Risks of Metals in Contaminated Farmland Soils and Spring Wheat Irrigated with Yellow River Water in Baotou, China. Bulletin of Environmental Contamination and Toxicology, 2015, 94, 214-219.	2.7	38
142	Assessment of Heavy Metals and Metalloids inSolanum tuberosumandPisum sativumIrrigated with Urban Wastewater in the Suburbs of Sargodha City, Pakistan. Human and Ecological Risk Assessment (HERA), 2015, 21, 1109-1122.	3.4	8
143	Heavy metal contamination, sources, and pollution assessment of surface water in the Tianshan Mountains of China. Environmental Monitoring and Assessment, 2015, 187, 33.	2.7	67
144	Removal of Lead and Chromium from Synthetic Wastewater Using Vetiveria zizanioides. Clean - Soil, Air, Water, 2015, 43, 538-543.	1.1	20
145	Growth, V uptake, and antioxidant enzymes responses of chickpea (Cicer arietinum L.) genotypes under vanadium stress. Plant and Soil, 2015, 390, 17-27.	3.7	63
146	The uptake and bioaccumulation of heavy metals by food plants, their effects on plants nutrients, and associated health risk: a review. Environmental Science and Pollution Research, 2015, 22, 13772-13799.	5.3	600
147	Assessment of potential health risks due to heavy metals through vegetable consumption in a tropical area irrigated by treated wastewater. Environment Systems and Decisions, 2015, 35, 375-388.	3.4	19
148	Heavy metal accumulation in soils and grains, and health risks associated with use of treated municipal wastewater in subsurface drip irrigation. Environmental Monitoring and Assessment, 2015, 187, 410.	2.7	51
149	The impact of informal irrigation practices on soil drainage condition, soil pollution and land suitability for agriculture in El Saf area of El Giza Governorate. Egyptian Journal of Remote Sensing and Space Science, 2015, 18, 163-179.	2.0	2
150	Assessment of Heavy Metals in Pharmacological Important Medicinal Plants Consumed in the Bannu District, Pakistan. Human and Ecological Risk Assessment (HERA), 2015, 21, 1782-1792.	3.4	1
151	The spatial distribution pattern of heavy metals and risk assessment of moso bamboo forest soil around leadâ€“zinc mine in Southeastern China. Soil and Tillage Research, 2015, 153, 120-130.	5.6	86

#	Article	IF	Citations
152	Application of low-cost electrothermal vaporization capacitively coupled plasma microtorch optical emission spectrometry for simultaneous determination of Cd and Pb in environmental samples. Microchemical Journal, 2015, 121, 192-198.	4.5	13
153	Effects of sewage water irrigation of cabbage to soil geochemical properties and products safety in peri-urban Peshawar, Pakistan. Environmental Monitoring and Assessment, 2015, 187, 126.	2.7	23
154	Transfer of heavy metals through terrestrial food webs: a review. Environmental Monitoring and Assessment, 2015, 187, 201.	2.7	564
155	Biomarkers of oxidative stress in rat for assessing toxicological effects of heavy metal pollution in river water. Environmental Science and Pollution Research, 2015, 22, 13453-13463.	5.3	19
156	Concentrations of Heavy Metals in Suburban Horticultural Soils and Their Uptake by Artemisia selengensis. Pedosphere, 2015, 25, 878-887.	4.0	19
157	Both the concentration and redox state of glutathione and ascorbate influence the sensitivity of arabidopsis to cadmium. Annals of Botany, 2015, 116, 601-612.	2.9	70
158	Health risk assessment of metals in food crops and related soils amended with biogas slurry in Taihu Basin: perspective from field experiment. Environmental Science and Pollution Research, 2015, 22, 14358-14366.	5.3	17
159	Heavy Metal Contamination of Agricultural Soils in Taiyuan, China. Pedosphere, 2015, 25, 901-909.	4.0	67
160	Shortâ€term Effects of Gray Wastewater on a Mediterranean Sandy Soil. Clean - Soil, Air, Water, 2015, 43, 754-760.	1.1	6
161	Human health risk assessment of multiple contaminants due to consumption of animal-based foods available in the markets of Shanghai, China. Environmental Science and Pollution Research, 2015, 22, 4434-4446.	5.3	37
162	Ecological risk assessment and sources of heavy metals in sediment from Daling River basin. Environmental Science and Pollution Research, 2015, 22, 5975-5984.	5.3	27
163	Association of soil arsenic and nickel exposure with cancer mortality rates, a town-scale ecological study in Suzhou, China. Environmental Science and Pollution Research, 2015, 22, 5395-5404.	5.3	54
164	Recycling of domestic wastewater treated by vertical-flow wetlands for irrigating Chillies and Sweet Peppers. Agricultural Water Management, 2015, 149, 1-22.	5.6	40
165	Impact of domestic wastewater irrigation on heavy metal contamination in soil and vegetables. Environmental Earth Sciences, 2015, 73, 2377-2383.	2.7	49
166	Human health risk and ecological risk assessment of metals in fishes, shrimps and sediment from a tropical river. International Journal of Environmental Science and Technology, 2015, 12, 2349-2362.	3.5	36
167	Transfer of Heavy Metals and Radionuclides from Soil to Vegetables and Plants in Bangladesh. , 2015, , 331-366.		16
168	Analysis of Financial Statements for Prediction of Business Sustainability in Rwanda: A Case of Banque Populaire Du Rwanda Ltd. Business and Economics Journal, 2016, 08, .	0.1	0
169	Greening Cardiology: Exploring the Sustainability Practices of Healthcare Workers in the Cardiac Catheterization Laboratory. Advances in Recycling & Waste Management, 2016, 01, .	0.4	0

#	Article	IF	Citations
171	STUDY OF EDC/NHS IMMOBILIZATION FOR PLUMBOUS DETECTION USING SURFACE PLASMON RESONANCE. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	0
172	Experimental Assessment of Recycled Diesel Spill-Contaminated Domestic Wastewater Treated by Reed Beds for Irrigation of Sweet Peppers. International Journal of Environmental Research and Public Health, 2016, 13, 208.	2.6	10
173	Remediation of Some Selected Heavy Metals from Water Using Modified and Unmodified Mushrooms. Journal of Pollution Effects & Control, 2016, 04, .	0.1	1
174	Potential human health risk assessment of heavy metals intake via consumption of some leafy vegetables obtained from four market in Lagos Metropolis, Nigeria. Journal of Applied Sciences and Environmental Management, 2016, 20, 530.	0.1	11
175	A Review of Health Risks and Pathways for Exposure to Wastewater Use in Agriculture. Environmental Health Perspectives, 2016, 124, 900-909.	6.0	125
176	Heavy Metal Pollution in a Soil-Rice System in the Yangtze River Region of China. International Journal of Environmental Research and Public Health, 2016, 13, 63.	2.6	67
177	Brassinosteroids and Response of Plants to Heavy Metals Action. Frontiers in Plant Science, 2016, 7, 629.	3.6	107
178	Common Adulterants and Contaminants. , 2016, , 25-61.		5
179	Effect of polluted river water on growth, yield and heavy metal accumulation of red amaranth. Research in Agriculture, Livestock and Fisheries, 2016, 3, 53-65.	0.2	4
180	Potential use of algae for heavy metal bioremediation, a critical review. Journal of Environmental Management, 2016, 181, 817-831.	7.8	394
181	Physiological and biochemical characterization of two Amaranthus species under Cr(VI) stress differing in Cr(VI) tolerance. Plant Physiology and Biochemistry, 2016, 108, 12-23.	5.8	28
182	Relative abundance of chemical forms of Cu(II) and Cd(II) on soybean roots as influenced by pH, cations and organic acids. Scientific Reports, 2016, 6, 36373.	3.3	18
183	Metal residues in flesh of edible blue crab,Callinectes amnicola, from a tropical coastal lagoon: Health implications. Human and Ecological Risk Assessment (HERA), 2016, 22, 1708-1725.	3.4	12
184	Accumulation and risk assessment of heavy metals in sediments and zoobenthos (Bellamya aeruginosa) Tj ETQq1 1 0.784314 rgBT /Ov	2.5	15
185	A comparative study of trace metals in male and female Caspian kutum (Rutilus frisii kutum) from the southern basin of Caspian Sea. Environmental Science and Pollution Research, 2016, 23, 24540-24546.	5.3	29
186	Reliability and stability of immobilization remediation of Cd polluted soils using sepiolite under pot and field trials. Environmental Pollution, 2016, 208, 739-746.	7.5	95
187	Bio-accumulation of some heavy metals in blood serum of residents in Isfahan and Shiraz, Iran. Environmental Monitoring and Assessment, 2016, 188, 269.	2.7	22
188	Soil heavy metal contamination related to roasted stone coal slag: a study based on geostatistical and multivariate analyses. Environmental Science and Pollution Research, 2016, 23, 14405-14413.	5.3	17

#	Article	IF	Citations
189	Toxic Elements. , 2016, , 57-87.		2
190	Investigation of heavy metal contents in Cow milk samples from area of Dhaka, Bangladesh. International Journal of Food Contamination, 2016, 3, .	4.3	58
191	Potential risk assessment of trace metals accumulation in food, water and edible tissue of rainbow trout (Oncorhynchus mykiss) farmed in Haraz River, northern Iran. Toxin Reviews, 2016, 35, 141-146.	3.4	59
192	Assessment of potential risks associated with chemicals in wastewater used for irrigation in arid and semiarid zones: A review. Agricultural Water Management, 2016, 177, 419-431.	5.6	179
193	Uptake and distribution of minerals and heavy metals in commonly grown leafy vegetable species irrigated with sewage water. Environmental Monitoring and Assessment, 2016, 188, 541.	2.7	66
194	Assessment of heavy metal contamination of rice grains (Oryza sativa) and soil from Ada field, Enugu, Nigeria: Estimating the human healtrisk. Human and Ecological Risk Assessment (HERA), 2016, 22, 1665-1677.	3.4	44
195	Genotype-dependent effect of exogenous 24-epibrassinolide on chromium-induced changes in ultrastructure and physicochemical traits in tobacco seedlings. Environmental Science and Pollution Research, 2016, 23, 18229-18238.	5.3	54
196	Comparison of antioxidant enzyme activities and DNA damage in chickpea (Cicer arietinum L.) genotypes exposed to vanadium. Environmental Science and Pollution Research, 2016, 23, 19787-19796.	5.3	50
197	Addition of Vermicompost to Heavy Metal-Contaminated Soil Increases the Ability of Black Oat (Avena) Tj ETQq0 0 0 rgBT /Overlock 10	2.4	14
198	Evaluating the trace metal pollution of an urban paddy soil and bioaccumulation in rice (Oryza sativa) Tj ETQq1 1 0.784314 rgBT /Ove Environmental Earth Sciences, 2016, 75, 1.	2.7	16
199	Heavy metal concentration in muscle of pike (Esox luciusLinnaeus, 1758) from Anzali international wetland, southwest of the Caspian Sea and their consumption risk assessment. Toxin Reviews, 2016, 35, 217-223.	3.4	56
200	Health risk assessment of textile effluent reuses as irrigation water in leafy vegetable Basella alba. International Journal of Recycling of Organic Waste in Agriculture, 2016, 5, 113-123.	2.0	7
201	The effects of biochar and hoggery biogas slurry on fluvo-aquic soil physical and hydraulic properties: a field study of four consecutive wheatâ€“maize rotations. Journal of Soils and Sediments, 2016, 16, 2050-2058.	3.0	32
202	Bioaccumulation of Trace Metals in Selected Plants within Amin Bazar Landfill Site, Dhaka, Bangladesh. Environmental Processes, 2016, 3, 179-194.	3.5	20
203	Modelling cadmium contamination in paddy soils under long-term remediation measures: Model development and stochastic simulations. Environmental Pollution, 2016, 216, 146-155.	7.5	45
204	Effects of mixed rare earth fertilizer on yield and nutrient quality of leafy vegetables during different seasons. Journal of Rare Earths, 2016, 34, 638-643.	4.8	17
205	Biosorption of copper and nickel ions usingPseudomonassp. in single and binary metal systems. Desalination and Water Treatment, 2016, 57, 2799-2808.	1.0	4
206	Mineral and biological contamination of soil and Capsicum annuum irrigated with recycled domestic wastewater. Agricultural Water Management, 2016, 167, 95-109.	5.6	27

#	Article	IF	Citations
207	Concentrations of potentially toxic elements in soils and vegetables from the macroregion of SÃ£o Paulo, Brazil: availability for plant uptake. Environmental Monitoring and Assessment, 2016, 188, 92.	2.7	14
208	Comparative health risk surveillance of heavy metals via dietary foodstuff consumption in different land-use types of Pakistan. Human and Ecological Risk Assessment (HERA), 2016, 22, 168-186.	3.4	30
209	Health risk assessment of hazardous metals for population via consumption of seafood from Ogoniland, Rivers State, Nigeria; a case study of Kaa, B-Dere, and Bodo City. Environmental Monitoring and Assessment, 2016, 188, 9.	2.7	51
210	Heavy metal distribution in different soil aggregate size classes from restored brackish marsh, oil exploitation zone, and tidal mud flat of the Yellow River Delta. Journal of Soils and Sediments, 2016, 16, 821-830.	3.0	65
211	Assessment of Heavy Metals in Spinach (Spinacia oleraceaL.) Grown in Sewage Sludgeâ€“Amended Soil. Communications in Soil Science and Plant Analysis, 2016, 47, 221-236.	1.4	39
212	Metals bioaccumulation in two edible bivalves and health risk assessment. Environmental Monitoring and Assessment, 2016, 188, 139.	2.7	15
213	Preliminary assessment of selected metals in agricultural soils in Jengka, Pahang, Malaysia. Environmental Earth Sciences, 2016, 75, 1.	2.7	7
214	A pollution index for agricultural soils. Archives of Agronomy and Soil Science, 2016, 62, 1411-1424.	2.6	13
215	Pre-soaking in indole-3-acetic acid or spermidine enhances copper tolerance in wheat seedlings. South African Journal of Botany, 2016, 104, 167-174.	2.5	21
216	Heavy metal contamination in vegetables grown around peri-urban and urban-industrial clusters in Ghaziabad, India. Human and Ecological Risk Assessment (HERA), 2016, 22, 736-752.	3.4	87
217	A human health risk assessment of soil and crops contaminated by heavy metals in industrial regions, central Iran. Human and Ecological Risk Assessment (HERA), 2016, 22, 153-167.	3.4	16
218	Field accumulation risks of heavy metals in soil and vegetable crop irrigated with sewage water in western region of Saudi Arabia. Saudi Journal of Biological Sciences, 2016, 23, S32-S44.	3.8	344
219	Removal of Pb(II) ions from aqueous solutions by sulphuric acid-treated palm tree leaves. Journal of the Taiwan Institute of Chemical Engineers, 2016, 58, 264-273.	5.3	68
220	A review on emerging persistent organic pollutants: Current scenario in Pakistan. Human and Ecological Risk Assessment (HERA), 2017, 23, 1-13.	3.4	15
221	Impact of Silver Nanoparticles on Bacteria Isolated from Raw and Treated Wastewater in Madinah, KSA. Arabian Journal for Science and Engineering, 2017, 42, 85-93.	3.0	11
222	Trace element concentration and its risk assessment in common kilka (Clupeonella) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 14	3.4	31
223	Removal of heavy metals from polluted soil using the citric acid fermentation broth: a promising washing agent. Environmental Science and Pollution Research, 2017, 24, 9506-9514.	5.3	42
224	Impacts of iron and steelmaking facilities on soil quality. Journal of Environmental Management, 2017, 203, 1158-1162.	7.8	13

#	Article	IF	Citations
225	Environmental biomonitoring of essential and toxic elements in human scalp hair using accelerated microwave-assisted sample digestion and inductively coupled plasma optical emission spectroscopy. Chemosphere, 2017, 174, 708-715.	8.2	32
226	Impacts of Soil Pollution and Their Assessment. Environmental Chemistry for A Sustainable World, 2017, , 37-73.	0.5	10
227	Î³-aminobutyric acid (GABA) confers chromium stress tolerance in Brassica juncea L. by modulating the antioxidant defense and glyoxalase systems. Ecotoxicology, 2017, 26, 675-690.	2.4	92
228	Heavy metals levels in shellfish from Bodo City and B-Dere, Ogoniland, Rivers State, Nigeria, and evaluation of possible health risks to consumers. Sustainable Water Resources Management, 2017, 3, 83-91.	2.1	10
229	Human health risk assessment due to dietary intake of heavy metals through rice in the mining areas of Singhbhum Copper Belt, India. Environmental Science and Pollution Research, 2017, 24, 14945-14956.	5.3	46
230	Arsenic contamination in agricultural soils of Bengal deltaic region of West Bengal and its higher assimilation in monsoon rice. Journal of Hazardous Materials, 2017, 324, 526-534.	12.4	88
231	Ecological and human health risk assessment of agricultural soils based on heavy metals in mining areas of Singhbhum copper belt, India. Human and Ecological Risk Assessment (HERA), 2017, 23, 1008-1027.	3.4	27
232	Assessment of trace metal concentrations and human health risk in clam (Tapes decussatus) and mussel (Mytilus galloprovincialis) from the Homa Lagoon (Eastern Aegean Sea). Environmental Science and Pollution Research, 2017, 24, 4174-4184.	5.3	29
233	Uptake and translocation of polycyclic aromatic hydrocarbons (PAHs) and heavy metals by maize from soil irrigated with wastewater. Scientific Reports, 2017, 7, 12165.	3.3	49
234	Heavy metals (As, Cr, Pb, Cd and Ni) concentrations in rice (Oryza sativa) from Iran and associated risk assessment: a systematic review. Toxin Reviews, 2017, 36, 331-341.	3.4	115
235	Chinese Milk Vetch Improves Plant Growth, Development and 15N Recovery in the Rice-Based Rotation System of South China. Scientific Reports, 2017, 7, 3577.	3.3	23
236	Modeling of Cr contamination in the agricultural lands of three villages near the leather industry in Kasur, Pakistan, using statistical and GIS techniques. Environmental Monitoring and Assessment, 2017, 189, 423.	2.7	8
237	Comparative study of heavy metals distribution in soil, forage, blood and milk. Acta Ecologica Sinica, 2017, 37, 207-212.	1.9	39
238	Characterization and Toxicity Assessment of Wastewater from Rock Phosphate Processing in Tunisia. Mine Water and the Environment, 2017, 36, 502-507.	2.0	13
239	Giant reed growth and effects on soil biological fertility in assisted phytoremediation of an industrial polluted soil. Science of the Total Environment, 2017, 575, 1375-1383.	8.0	58
240	Sewage Sludge Application Effects to First Year Willows (Salix Viminalis L.) Growth and Heavy Metal Bioaccumulation. Waste and Biomass Valorization, 2017, 8, 1813-1818.	3.4	5
241	Assessing potential dietary toxicity of heavy metals in lingonberry from MÄƒnÄƒila open-pit area (Suceava,) Tj ETQq0 0 0 rgBT /Overlock		
242	Anâ€œex situâ€microbial process for the removal of heavy metals from polluted soil: A case study of Ada rice field, Adani, Enugu State, Nigeria. Bioremediation Journal, 2017, 21, 128-137.	2.0	3

#	Article	IF	Citations
243	Air pollution, food production and food security: A review from the perspective of food system. Journal of Integrative Agriculture, 2017, 16, 2945-2962.	3.5	65
244	Evaluation of Concentrations and Human Health Risk of Cu, Zn, Fe in Two Periwinkles Species from Three Local Government Areas, Bayelsa State, Nigeria.. Journal of Applied Sciences and Environmental Management, 2017, 21, 323.	0.1	0
245	Assessment of Heavy Metal Concentrations in Pawpaw (Carica papaya Linn.) around Automobile Workshops in Port Harcourt Metropolis, Rivers State, Nigeria. Journal of Health and Pollution, 2017, 7, 48-61.	1.8	9
246	Abscisic Acid Signaling and Abiotic Stress Tolerance in Plants: A Review on Current Knowledge and Future Prospects. Frontiers in Plant Science, 2017, 08, 161.	3.6	825
247	Heavy Metal Contamination and Health Risk Assessment in the Vicinity of a Tailing Pond in Guangdong, China. International Journal of Environmental Research and Public Health, 2017, 14, 1557.	2.6	138
248	Contaminants in Animal Products. , 2017, , .		4
249	Concentration estimation of heavy metal in soils from typical sewage irrigation area of Shandong Province, China using reflectance spectroscopy. Environmental Science and Pollution Research, 2017, 24, 16883-16892.	5.3	15
250	Probing Study on Separating Pb, Zn, and Fe from Lead Slag by Coal-based Direct Reduction. ISIJ International, 2017, 57, 996-1003.	1.4	19
251	Monitoring of essential and toxic metals in imported herbal teas marketed in selected cities in Southern Nigeria: A health risk assessment study. Journal of Applied Sciences and Environmental Management, 2017, 21, 1189.	0.1	4
252	Occurrence of trace metals in foodstuffs and their health impact. Trends in Food Science and Technology, 2018, 75, 36-45.	15.1	204
253	Heavy metal enrichment and ecological risk assessment of surface sediments in Khorramabad River, West Iran. Environmental Monitoring and Assessment, 2018, 190, 273.	2.7	24
254	Potential Human Health Risk Assessment of Heavy Metals via Consumption of Root Tubers from Ogoniland, Rivers State, Nigeria. Biological Trace Element Research, 2018, 186, 568-578.	3.5	11
255	Baseline heavy metals in plant species from some industrial and rural areas: Carcinogenic and non-carcinogenic risk assessment. MethodsX, 2018, 5, 43-60.	1.6	11
256	Concentration of lead and mercury in collected vegetables and herbs from Markazi province, Iran: a non-carcinogenic risk assessment. Food and Chemical Toxicology, 2018, 113, 204-210.	3.6	125
257	Heavy metals in soils from a representative rapidly developing megacity (SW China): Levels, source identification and apportionment. Catena, 2018, 163, 414-423.	5.0	65
258	Sensitive and Selective Detection of Multiple Metal Ions Using Amino Acids Modified Glassy Carbon Electrodes. Journal of the Electrochemical Society, 2018, 165, B67-B73.	2.9	18
259	Remediation of Contaminated Urban Streams: A Decentralized Ecological Wastewater Treatment Approach. Energy, Environment, and Sustainability, 2018, , 29-41.	1.0	5
260	Synthesis of novel AIEE active pyridopyrazines and their applications as chromogenic and fluorogenic probes for Hg²⁺ detection in aqueous media. New Journal of Chemistry, 2018, 42, 2838-2849.	2.8	23

#	Article	IF	Citations
261	Spatio-temporal distribution and chemical characterization of groundwater quality of a wastewater irrigated system: A case study. Science of the Total Environment, 2018, 636, 1089-1098.	8.0	42
262	Trace metal concentrations in three pastry products prepared from root and tuber and cereal crops composite flours. Cogent Chemistry, 2018, 4, 1429157.	2.5	3
263	An economically viable method for the removal of cobalt ions from aqueous solution using raw and modified rice straw. HBRC Journal, 2018, 14, 255-262.	0.7	21
264	Trace metals accumulation in soil irrigated with polluted water and assessment of human health risk from vegetable consumption in Bangladesh. Environmental Geochemistry and Health, 2018, 40, 59-85.	3.4	88
265	Health risk of heavy metals from vegetables irrigated with sewage water in peri-urban of Dera Ismail Khan, Pakistan. International Journal of Environmental Science and Technology, 2018, 15, 309-322.	3.5	17
266	Origin and spatial distribution of heavy metals and carcinogenic risk assessment in mining areas at You'xi County southeast China. Geoderma, 2018, 310, 99-106.	5.1	101
267	Comparison of heavy metal phytoremediation in monoculture and intercropping systems of Phyllostachys praecox and Sedum plumbizincicola in polluted soil. International Journal of Phytoremediation, 2018, 20, 490-498.	3.1	32
268	Agricultural use of Samarco's spilled mud assessed by rice cultivation: A promising residue use?. Chemosphere, 2018, 193, 892-902.	8.2	28
269	Fabrication of carboxylated cellulose nanocrystal/sodium alginate hydrogel beads for adsorption of Pb(II) from aqueous solution. International Journal of Biological Macromolecules, 2018, 108, 149-157.	7.5	269
270	Arsenic in agricultural soils across China: Distribution pattern, accumulation trend, influencing factors, and risk assessment. Science of the Total Environment, 2018, 616-617, 156-163.	8.0	97
271	Removal of Copper and Lead using Banana Biochar in Batch Adsorption Systems: Isotherms and Kinetic Studies. Arabian Journal for Science and Engineering, 2018, 43, 5711-5722.	3.0	66
272	Challenges in assessing the health risks of consuming vegetables in metal-contaminated environments. Environment International, 2018, 113, 269-280.	10.0	57
273	Risk assessment of heavy metals pollution at Zagazig University, Zagazig, Egypt. International Journal of Environmental Science and Technology, 2018, 15, 1393-1410.	3.5	5
274	Health risk assessment of trace metals from spinach grown on compost-amended soil. International Journal of Phytoremediation, 2018, 20, 1330-1336.	3.1	5
275	Assessment of tea garden soils at An'xi County in southeast China reveals a mild threat from contamination of potentially harmful elements. Royal Society Open Science, 2018, 5, 180050.	2.4	3
276	Soil Pollution: Causes and Consequences. , 2018, , 1-37.		6
277	Epidemiological Evidence and Health Risks Associated With Agricultural Reuse of Partially Treated and Untreated Wastewater: A Review. Frontiers in Public Health, 2018, 6, 337.	2.7	85
278	Variation saisonniÃ¨re de la qualitÃ© physicochimique et microbiologique des eaux dâ€™irrigation et des lÃ©gumes du site maraÃ®cher de BawÃ©ra et risques sanitaires associÃ©s. International Journal of Biological and Chemical Sciences, 2018, 12, 781.	0.2	2

#	Article	IF	Citations
279	Fate of Organic and Inorganic Pollutants in Paddy Soils. Soil Biology, 2018, , 197-214.	0.8	87
280	The effect of enzymes on release of trace elements in feedstuffs based on in vitro digestion model for monogastric livestock. Journal of Animal Science and Biotechnology, 2018, 9, 73.	5.3	18
281	Changes in Metal Availability and Improvements in Microbial Properties After Phytoextraction of a Cd, Zn and Pb Contaminated Soil. Bulletin of Environmental Contamination and Toxicology, 2018, 101, 624-630.	2.7	1
282	Heavy Metal Bioaccumulation in Rice from a High Geological Background Area in Guizhou Province, China. International Journal of Environmental Research and Public Health, 2018, 15, 2281.	2.6	62
283	Toxicity evaluation and environmental risk assessment of 2-methyl-4-chlorophenoxy acetic acid (MCPA) on non-target aquatic macrophyte Hydrilla verticillata. Environmental Science and Pollution Research, 2018, 25, 30463-30474.	5.3	14
284	Branch-Migration Based Fluorescent Probe for Highly Sensitive Detection of Mercury. Analytical Chemistry, 2018, 90, 11764-11769.	6.5	32
285	Determination of the transfer of lead and chromium from feed to raw milk in Holstein cows. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2018, 35, 1990-1999.	2.3	9
286	The concentration of heavy metals in noodle samples from Iranâ€™s market: probabilistic health risk assessment. Environmental Science and Pollution Research, 2018, 25, 30928-30937.	5.3	48
287	Dietary cadmium intake from rice and vegetables and potential health risk: A case study in Xiangtan, southern China. Science of the Total Environment, 2018, 639, 271-277.	8.0	231
288	Assessment of potentially toxic metal (PTM) pollution in mangrove habitats using biochemical markers: A case study on Avicennia officinalis L. in and around Sundarban, India. Marine Pollution Bulletin, 2018, 133, 157-172.	5.0	54
289	Health risk assessment of heavy metals in crop grains grown on open soils of Kanwar wetland, India. Euro-Mediterranean Journal for Environmental Integration, 2018, 3, 1.	1.3	19
290	Arsenic-Induced Autophagy in the Developing Mouse Cerebellum: Involvement of the Bloodâ€“Brain Barrierâ€™s Tight-Junction Proteins and the PI3Kâ€“Aktâ€“mTOR Signaling Pathway. Journal of Agricultural and Food Chemistry, 2018, 66, 8602-8614.	5.2	40
291	Investigating toxic metal levels in popular edible fishes from the South Durban basin: implications for public health and food security. Environmental Monitoring and Assessment, 2018, 190, 476.	2.7	11
292	Contaminations of Soil and Two Capsicum annuum Generations Irrigated by Reused Urban Wastewater Treated by Different Reed Beds. International Journal of Environmental Research and Public Health, 2018, 15, 1776.	2.6	3
293	Toxic metals in Perna viridis mussel and surface seawater in Pasir Gudang coastal area, Malaysia, and its health implications. Environmental Science and Pollution Research, 2018, 25, 30224-30235.	5.3	17
294	Heavy Metal Concentration in Largehead Hairtail (Trichiurus lepturus Linneaus, 1758) and Savalai Hairtail (Lepturacanthus savala (Cuvier, 1829)) Obtained from Karachi Fish Harbour, Pakistan. Bulletin of Environmental Contamination and Toxicology, 2018, 101, 467-472.	2.7	7
295	Dielectric Properties Based Detection of Heavy Metal Contaminated Soil in the Frequency Range from 10ÂMHz to 1 GHz. Soil and Sediment Contamination, 2018, 27, 343-356.	1.9	1
296	Long-term effects of untreated wastewater on soil bacterial communities. Science of the Total Environment, 2019, 646, 940-950.	8.0	24

#	Article	IF	Citations
297	Phytoremediation potential of Xanthium strumarium for heavy metals contaminated soils at roadsides. International Journal of Environmental Science and Technology, 2019, 16, 2091-2100.	3.5	43
298	Isotopic signatures in Mytilus galloprovincialis and Ulva latuca as bioindicators for assessing discharged sewage effluent in coastal waters along Otago Peninsula, New Zealand. , 2019, 3, 53-64.		10
299	Geochemical and environmental investigation of sewage-irrigated soils and crops of Sabzevar, NE of Iran. SN Applied Sciences, 2019, 1, 1.	2.9	2
300	Perspectives on arsenic toxicity, carcinogenicity and its systemic remediation strategies. Environmental Technology and Innovation, 2019, 16, 100462.	6.1	91
301	Signal Enhancement of Cadmium in Lettuce Using Laser-Induced Breakdown Spectroscopy Combined with Pyrolysis Process. Molecules, 2019, 24, 2517.	3.8	10
302	Mycoremediation of Environmental Pollutants from Contaminated Soil. , 2019, , 239-274.		10
303	Human health risk from consumption of two common crops grown in polluted soils. Science of the Total Environment, 2019, 691, 195-204.	8.0	25
304	Identification of cadmium bioaccumulation in rice (Oryza sativa L.) by the soil-plant transfer model and species sensitivity distribution. Science of the Total Environment, 2019, 692, 1022-1028.	8.0	35
305	Ecological risk assessment of heavy metals in vegetables irrigated with groundwater and wastewater: The particular case of Sahiwal district in Pakistan. Agricultural Water Management, 2019, 226, 105816.	5.6	48
306	Arsenic accumulation in edible vegetables and health risk reduction by groundwater treatment using an adsorption process. Environmental Science and Pollution Research, 2019, 26, 32505-32516.	5.3	6
307	Assessment of source and health risk of metal(loid)s in indoor/outdoor dust of university dormitory in Lanzhou City, China. Environmental Science and Pollution Research, 2019, 26, 32333-32344.	5.3	20
308	Differences in cadmium absorption by 71 leaf vegetable varieties from different families and genera and their health risk assessment. Ecotoxicology and Environmental Safety, 2019, 184, 109593.	6.0	26
309	Uptake of trace elements by vegetable plants grown on agricultural soils: Evaluation of trace metal accumulation and potential health risk. Journal of African Earth Sciences, 2019, 160, 103635.	2.0	21
310	An environmental risk assessment of the Klip river using water quality indices. Physics and Chemistry of the Earth, 2019, 114, 102799.	2.9	9
311	Potentially toxic metal accumulation and human health risk from consuming wild Urtica urens sold on the open markets of Izmir. Euro-Mediterranean Journal for Environmental Integration, 2019, 4, 1.	1.3	29
312	Simultaneous Biosynthesis of Silver Nanoparticles with Spirulina sp. LEB 18 Cultivation. Industrial Biotechnology, 2019, 15, 263-267.	0.8	5
313	Application of Calophyllum Inophyllum Seed Husk as a Low-cost Biosorbent for Efficient Removal of Heavy Metals from Wastewater for a Safer Environment. Current Environmental Engineering, 2019, 6, 159-172.	0.6	2
314	Hazardous heavy metals contamination of vegetables and food chain: Role of sustainable remediation approaches - A review. Environmental Research, 2019, 179, 108792.	7.5	309

#	Article	IF	Citations
315	The detoxification effect of liquid digestate on vanadium toxicity to seed germination and seedling growth of dogâ€™s tail grass. Journal of Hazardous Materials, 2019, 369, 456-464.	12.4	31
316	Arsenic and Heavy Metal (Cadmium, Lead, Mercury and Nickel) Contamination in Plant-Based Foods. , 2019, , 447-490.		27
317	Impact of the coal mining-contaminated soil on the food safety in Shaanxi, China. Environmental Geochemistry and Health, 2019, 41, 1521-1544.	3.4	18
318	Risk of Metal Contamination in Agriculture Crops by Reuse of Wastewater: An Ecological and Human Health Risk Perspective. , 2019, , 55-79.		6
319	Risk assessment, spatial distribution, and source identification of heavy metal(loid)s in paddy soils along the Zijiang River basin, in Hunan Province, China. Journal of Soils and Sediments, 2019, 19, 4042-4051.	3.0	33
320	Metals in wild fish from Gaotang Lake in the area of coal mining, China: assessment of the risk to human health. Environmental Science and Pollution Research, 2019, 26, 23754-23762.	5.3	5
321	Linking the response of soil microbial community structure in soils to long-term wastewater irrigation and soil depth. Science of the Total Environment, 2019, 688, 26-36.	8.0	39
322	Evaluation of toxic potential of metals in wheat crop grown in wastewater-contaminated soil in Punjab, Pakistan. Environmental Science and Pollution Research, 2019, 26, 24958-24966.	5.3	10
323	Exposure assessment of heavy metal residues in some Egyptian fruits. Toxicology Reports, 2019, 6, 538-543.	3.3	37
324	Bioaccumulation of Zinc and Copper in Tissues of Chicken Fed Corn Grain Irrigated with Different Water Regimes. International Journal of Environmental Research, 2019, 13, 689-703.	2.3	6
325	Dataset on assessment of heavy metals contamination in multi-environmental samples from Patna, India. Data in Brief, 2019, 25, 104079.	1.0	9
326	Unsafe herbal sex enhancement supplements in Nigerian markets: a human risk assessment. Environmental Science and Pollution Research, 2019, 26, 22522-22528.	5.3	3
327	Levels of some toxic heavy metals (Cr, Cd and Pb) in selected vegetables and soil around eastern industry zone, central Ethiopia. African Journal of Agricultural Research Vol Pp, 2019, 14, 92-101.	0.5	12
328	Honeybees (Apis mellifera L.) as a Potential Bioindicator for Detection of Toxic and Essential Elements in the Environment (Case Study: Markazi Province, Iran). Archives of Environmental Contamination and Toxicology, 2019, 77, 344-358.	4.1	49
329	Characteristics of the accumulation of heavy metals in ecotonal ecosystems of the West-Siberian Subarctic. AIP Conference Proceedings, 2019, , .	0.4	0
330	Genotoxicity risk assessment in fish (Rutilus rutilus) from two contaminated rivers in the Kosovo. Science of the Total Environment, 2019, 676, 429-435.	8.0	5
331	Risk assessment of heavy metal contamination of paddy soil and rice (Oryza sativa) from Abakaliki, Nigeria. Environmental Monitoring and Assessment, 2019, 191, 350.	2.7	23
332	Bioconversion of Agricultural Wastes From the Livestock Industry for Biofuel and Feed Production. , 2019, , 225-247.		2

#	Article	IF	Citations
333	Micronutrient and heavy metal concentrations in basil plant cultivated on irradiated and non-irradiated sewage sludge- treated soil and evaluation of human health risk. Regulatory Toxicology and Pharmacology, 2019, 104, 141-150.	2.7	36
334	Pollution assessment and source apportionment of selected metals in rural (Bagh) and urban (Islamabad) farmlands, Pakistan. Environmental Earth Sciences, 2019, 78, 1.	2.7	9
335	Effects of copper mining on heavy metal contamination in a rice agrosystem in the Xiaojiang River Basin, southwest China. Acta Geochimica, 2019, 38, 753-773.	1.7	28
336	Iron Transport from Ferrous Bisglycinate and Ferrous Sulfate in DMT1-Knockout Human Intestinal Caco-2 Cells. Nutrients, 2019, 11, 485.	4.1	17
337	Health risk assessment through determining bioaccumulation of iron in forages grown in soil irrigated with city effluent. Environmental Science and Pollution Research, 2019, 26, 14277-14286.	5.3	35
338	Amidoxime-Functionalized Macroporous Carbon Self-Refreshed Electrode Materials for Rapid and High-Capacity Removal of Heavy Metal from Water. ACS Central Science, 2019, 5, 719-726.	11.3	76
340	Refined assessment of heavy metal-associated health risk due to the consumption of traditional animal medicines in humans. Environmental Monitoring and Assessment, 2019, 191, 171.	2.7	22
341	Heavy metal pollution assessment in agricultural soils of Kermanshah province, Iran. Environmental Earth Sciences, 2019, 78, 1.	2.7	28
342	A novel method to extract important features from laser induced breakdown spectroscopy data: application to determine heavy metals in mulberries. Journal of Analytical Atomic Spectrometry, 2019, 34, 460-468.	3.0	12
343	Heavy metals in food crops: Health risks, fate, mechanisms, and management. Environment International, 2019, 125, 365-385.	10.0	1,135
344	Human health risk assessment of potential toxic elements in paddy soil and rice (Oryza sativa) from Ugbawka fields, Enugu, Nigeria. Open Chemistry, 2019, 17, 1050-1060.	1.9	15
345	Evidence of uptake of different pollutants in plants harvested from soil treated and fertilized with organic materials as source of soil nutrients from developing countries. Chemical and Biological Technologies in Agriculture, 2019, 6, .	4.6	13
346	Health risk assessment of potentially toxic elements via consumption of vegetables irrigated with polluted river water in Addis Ababa, Ethiopia. Environmental Systems Research, 2019, 8, .	3.7	21
347	Hazards assessment of the intake of trace metals by common mallow (Malva parviflora K.) growing in polluted soils. International Journal of Phytoremediation, 2019, 21, 1397-1406.	3.1	6
348	Determination of the content of Pb, Cd, Cu, Zn in dairy products from various regions of Poland. Open Chemistry, 2019, 17, 694-702.	1.9	24
349	Quantitative analysis of cadmium and zinc in algae using laser-induced breakdown spectroscopy. Analytical Methods, 2019, 11, 6124-6135.	2.7	5
350	Heavy Metal in Paddy Soil and its Bioavailability in Rice Using In Vitro Digestion Model for Health Risk Assessment. International Journal of Environmental Research and Public Health, 2019, 16, 4769.	2.6	14
351	Collard green yield and nutritional quality with mineral and organic fertilization. Semina:Ciencias Agrarias, 2019, 40, 2165.	0.3	0

#	Article	IF	Citations
352	Spatial distribution of heavy metals in crops in a wastewater irrigated zone and health risk assessment. Environmental Research, 2019, 168, 382-388.	7.5	90
353	Stainless steel electrode for simultaneous stripping analysis of Cd(II), Pb(II), Cu(II) and Hg(II). Talanta, 2019, 191, 485-490.	5.5	60
354	Effectiveness of ecotoxicological tests in relation to physicochemical properties of Zn and Cu polluted Mediterranean soils. Geoderma, 2019, 338, 259-268.	5.1	19
355	Identifying heavy metal pollution hot spots in soil-rice systems: A case study in South of Yangtze River Delta, China. Science of the Total Environment, 2019, 658, 614-625.	8.0	90
356	A Review on Gut Remediation of Selected Environmental Contaminants: Possible Roles of Probiotics and Gut Microbiota. Nutrients, 2019, 11, 22.	4.1	76
357	Heavy metal signatures in urban and peri-urban agricultural soils across the Mumbai Metropolitan Region, India. Nutrient Cycling in Agroecosystems, 2019, 115, 295-312.	2.2	7
358	Heavy Metal Accumulation in Water, Soil, and Plants of Municipal Solid Waste Landfill in Vientiane, Laos. International Journal of Environmental Research and Public Health, 2019, 16, 22.	2.6	142
359	Heavy metal occurrence and risk assessment in dairy feeds and manures from the typical intensive dairy farms in China. Environmental Science and Pollution Research, 2019, 26, 6348-6358.	5.3	40
360	Health risk assessment by consumption of vegetables irrigated with reclaimed waste water: A case study in Thika (Kenya). Journal of Environmental Management, 2019, 231, 576-581.	7.8	46
361	Impact of environmental pollution on trace elements in vegetables and associated potential risk to human health in industrial town Mandi-gobindgarh (India). Chemosphere, 2019, 219, 574-587.	8.2	27
362	Mineral and Biological Contamination of Soil and Crops Irrigated With Recycled Domestic Wastewater. , 2019, , 55-83.		0
363	Health risk due to chronic heavy metal consumption via cowâ€™s milk produced in Puebla, Mexico, in irrigated wastewater areas. Food Additives and Contaminants: Part B Surveillance, 2019, 12, 38-44.	2.8	23
364	Heavy metal contamination in sediments from vehicle washing: a case study of Olarong Chhu Stream and Paa Chhu River, Bhutan. International Journal of Environmental Studies, 2019, 76, 66-83.	1.6	1
365	Effects of Acetaminophen (Paracetamol) and Gemfibrozil on Seed Development and Antioxidant Enzyme Activities in Different Wheat Varieties. Iranian Journal of Science and Technology, Transaction A: Science, 2019, 43, 2075-2082.	1.5	6
366	Accumulation and potential sources of heavy metals in soils of the Hetao area, Inner Mongolia, China. Pedosphere, 2020, 30, 244-252.	4.0	24
368	Spatial distribution of heavy metals and their potential sources in the soil of Yellow River Delta: a traditional oil field in China. Environmental Geochemistry and Health, 2020, 42, 7-26.	3.4	37
369	Biomonitoring of Heavy Metals in River Ganga Water, Sediments, Plant, and Fishes of Different Trophic Levels. Biological Trace Element Research, 2020, 193, 536-547.	3.5	43
370	Trace Elements in Soils and Vegetables from Market Gardens of Urban Areas in Marrakech City. Biological Trace Element Research, 2020, 195, 301-316.	3.5	12

#	Article	IF	Citations
371	Proficiency testing as a tool to assess quality of data: the experience of the EU Reference Laboratory for chemical elements in food of animal origin. Pure and Applied Chemistry, 2020, 92, 383-390.	1.9	1
372	Contamination of vegetables with heavy metals across the globe: hampering food security goal. Journal of Food Science and Technology, 2020, 57, 391-403.	2.8	33
373	Ecological safety hazards of wastewater. , 2020, , 101-123.		4
374	Effect of biochars on bioaccumulation and human health risks of potentially toxic elements in wheat (Triticum aestivum L.) cultivated on industrially contaminated soil. Environmental Pollution, 2020, 260, 113887.	7.5	59
375	Sequestered capture and desorption of hexavalent chromium from solution and textile wastewater onto low cost Heinsia crinita seed coat biomass. Applied Water Science, 2020, 10, 1.	5.6	52
376	Heavy Metal(loids) in typical Chinese tobacco-growing soils: Concentrations, influence factors and potential health risks. Chemosphere, 2020, 245, 125591.	8.2	38
377	Prediction models for rice cadmium accumulation in Chinese paddy fields and the implications in deducing soil thresholds based on food safety standards. Environmental Pollution, 2020, 258, 113879.	7.5	32
378	Addressing environmental knowledge and environmental attitude in undergraduate students through scientific argumentation. Journal of Cleaner Production, 2020, 252, 119928.	9.3	34
379	Allium cepa assay based comparative study of selected vegetables and the chromosomal aberrations due to heavy metal accumulation. Saudi Journal of Biological Sciences, 2020, 27, 1368-1374.	3.8	45
380	Heavy metal contamination in urban surface sediments: sources, distribution, contamination control, and remediation. Environmental Monitoring and Assessment, 2020, 192, 32.	2.7	100
381	Design and synthesis of foam glasses from recycled materials. International Journal of Applied Ceramic Technology, 2020, 17, 64-74.	2.1	8
382	Assessment of bacterial and fungal communities in a full-scale thermophilic sewage sludge composting pile under a semipermeable cover. Bioresource Technology, 2020, 298, 122550.	9.6	46
383	Risk analysis by bioaccumulation of Cr, Cu, Ni, Pb and Cd from wastewater-irrigated soil to Brassica species. International Journal of Environmental Science and Technology, 2020, 17, 2889-2906.	3.5	11
384	Metal pollution index and daily dietary intake of metals through consumption of vegetables. International Journal of Environmental Science and Technology, 2020, 17, 3271-3278.	3.5	8
385	Heavy metals and free radical-induced cell death mechanisms. , 2020, , 131-157.		2
386	Guidelines for urban community gardening: Proposal of preliminary indicators for several ecosystem services (Rome, Italy). Urban Forestry and Urban Greening, 2020, 56, 126866.	5.3	25
387	Assessment of Phosphate Laundries Wastewater Phytotoxicity and Biotreatment Assays. Clean - Soil, Air, Water, 2020, 48, 2000077.	1.1	5
388	Assessment of phytoremedial potential of invasive weeds Acalypha indica and Amaranthus viridis. Environmental Sustainability, 2020, 3, 415-425.	2.8	1

#	Article	IF	Citations
389	Impact of industrial effluents, domestic wastewater and natural dams on heavy metals concentrations in vegetables cultivated in Northern Nigeria. Journal of Environmental Chemistry and Ecotoxicology, 2020, 12, 1-7.	0.5	3
390	Pollution assessment and health risk evaluation of eight (metalloid) heavy metals in farmland soil of 146 cities in China. Environmental Geochemistry and Health, 2020, 42, 3949-3963.	3.4	21
391	Heavy Metal Levels in Vegetables and Soil Cultivated with Industrial Wastewater from Different Sites of Chunian and Jamber, District, Kasur. Journal of Applied Sciences and Environmental Management, 2020, 24, 271-277.	0.1	1
392	Sewage Water: From Waste to Resource â€“ A Review. Environmental Claims Journal, 2020, , 1-28.	1.2	3
393	Accumulation of heavy metals and bacteriological indicators in spinach irrigated with further treated secondary wastewater. Heliyon, 2020, 6, e05241.	3.2	7
394	Effect of Vanadium on Growth, Photosynthesis, Reactive Oxygen Species, Antioxidant Enzymes, and Cell Death of Rice. Journal of Soil Science and Plant Nutrition, 2020, 20, 2643-2656.	3.4	36
395	Chemical, Microbial Quality, and Risk Assessment due to Toxic Metal Contamination of Egusi (Citrullus colocynthis L.) Powder Sold in Selected Ghanaian Markets. International Journal of Food Science, 2020, 2020, 1-8.	2.0	1
396	Plant growth-promoting Bacillus sp. strain SDA-4 confers Cd tolerance by physio-biochemical improvements, better nutrient acquisition and diminished Cd uptake in Spinacia oleracea L.. Physiology and Molecular Biology of Plants, 2020, 26, 2417-2433.	3.1	21
397	Assessing soil quality and soil erosion hazards in the Moneragala District, Sri Lanka. SN Applied Sciences, 2020, 2, 1.	2.9	8
398	Evaluation of the bioavailability of potentially toxic metals in surface sediments collected from a tropical river near an urban area. Marine Pollution Bulletin, 2020, 156, 111215.	5.0	10
399	Physicochemical properties, heavy metals, and metal-tolerant bacteria profiles of abandoned gold mine tailings in Krugersdorp, South Africa. Canadian Journal of Soil Science, 2020, 100, 217-233.	1.2	22
400	Health risks from consumption of medicinal plant dietary supplements. Food Science and Nutrition, 2020, 8, 3535-3544.	3.4	13
401	Ecotoxicity of trace elements to chicken GALLUS gallus domesticus exposed to a gradient of polymetallic-polluted sites.. Environmental Pollution, 2020, 265, 114831.	7.5	8
402	Construction of a Target-Initiated, Enzyme-Free DNA Cascade Circuit for Amplified Detection of Mercury. ACS Applied Bio Materials, 2020, 3, 1853-1857.	4.6	9
403	Health risk assessment associated with heavy metal accumulation in wheat after long-term phosphorus fertilizer application. Environmental Pollution, 2020, 262, 114348.	7.5	85
404	Evaluation of the environmental and human health risk related to metallic contamination in agricultural soils in the Mediterranean semi-arid area (Saiss plain, Morocco). Environmental Earth Sciences, 2020, 79, 1.	2.7	20
405	Arbuscular Mycorrhizal Fungi as Potential Agents in Ameliorating Heavy Metal Stress in Plants. Agronomy, 2020, 10, 815.	3.0	105
406	Evaluation of ecological risk of heavy metals in watershed soils in the Daxia River Basin. AIP Advances, 2020, 10, 055109.	1.3	3

#	Article	IF	Citations
407	Joint Toxicity of a Multi-Heavy Metal Mixture and Chemoprevention in Sprague Dawley Rats. International Journal of Environmental Research and Public Health, 2020, 17, 1451.	2.6	20
408	Risk of cadmium, lead and zinc exposure from consumption of vegetables produced in areas with mining and smelting past. Scientific Reports, 2020, 10, 3363.	3.3	43
409	In vitrolead tolerance and accumulation in threeChrysanthemumcultivars for phytoremediation purposes with ornamental plants. International Journal of Phytoremediation, 2020, 22, 1110-1121.	3.1	8
410	Uptake and accumulation of lead in Lycopersicon esculentum and Phaseolus vulgaris L. planted on organic hydroponics. International Journal of Environmental Analytical Chemistry, 2020, , 1-13.	3.3	1
411	Arsenic phytovolatilization and epigenetic modifications in Arundo donax L. assisted by a PGPR consortium. Chemosphere, 2020, 251, 126310.	8.2	91
412	Identifying the sources and spatial patterns of potentially toxic trace elements (PTEs) in Shanghai suburb soils using global and local regression models. Environmental Pollution, 2020, 264, 114171.	7.5	17
413	The concentration and non-carcinogenic risk assessment of aluminium in fruits, soil, and water collected from Iran. International Journal of Environmental Analytical Chemistry, 0, , 1-16.	3.3	9
414	Innovative health risk assessments of heavy metals based on bioaccessibility due to the consumption of traditional animal medicines. Environmental Science and Pollution Research, 2020, 27, 22593-22603.	5.3	13
415	Prediction of the uptake of Cd by rice (Oryza sativa) in paddy soils by a multi-surface model. Science of the Total Environment, 2020, 724, 138289.	8.0	20
416	Mechanism of Remediation of Cadmium-Contaminated Soil With Low-Energy Plant Snapdragon. Frontiers in Chemistry, 2020, 8, 222.	3.6	10
417	Status of arsenic accumulation in agricultural soils across China (1985â€“2016). Environmental Research, 2020, 186, 109525.	7.5	57
418	Phytoremediation potential of Arundo donax (Giant Reed) in contaminated soil by heavy metals. Environmental Research, 2020, 185, 109427.	7.5	66
419	A Systematic Review and Meta-analysis to Investigate the Correlation Vegetable Irrigation with Wastewater and Concentration of Potentially Toxic Elements (PTES): a Case Study of Spinach (Spinacia) Tj ETQq0 0 0 rgBT /Overlock 10 199, 792-799.	3.5	13
420	Mercury biosorption process by using Saccharomyces cerevisiae in milk. Journal of Food Processing and Preservation, 2021, 45, .	2.0	5
421	Copper bioavailability, uptake, toxicity and tolerance in plants: A comprehensive review. Chemosphere, 2021, 262, 127810.	8.2	250
422	Sewage Water: From Waste to Resource â€“ A Review. Environmental Claims Journal, 2021, 33, 108-135.	1.2	4
423	Evaluating heavy metals contamination in soil and vegetables in the region of North India: Levels, transfer and potential human health risk analysis. Environmental Toxicology and Pharmacology, 2021, 82, 103563.	4.0	89
424	Carcinogenic-potential ecological risk assessment of soils and wheat in the eastern region of Konya (Turkey). Environmental Science and Pollution Research, 2021, 28, 15471-15484.	5.3	25

#	Article	IF	Citations
425	Abscisic Acid and Plant Response Under Adverse Environmental Conditions. , 2021, , 17-47.		3
426	Data Mining for Source Apportionment of Trace Elements in Water and Solid Matrix. , 0, , .		2
427	Heavy metals toxicity to food crops and application of microorganisms in bioremediation. , 2021, , 421-434.		1
428	Good Governance: Its Role in Building a Sustainable Future. Encyclopedia of the UN Sustainable Development Goals, 2021, , 533-547.	0.1	0
429	Status and prospects of wastewater treatment and reuse in agriculture. , 2021, , 253-271.		0
430	The risk assessment of inorganic and organic pollutant levels in an urban area affected by intensive industry. Environmental Monitoring and Assessment, 2021, 193, 68.	2.7	4
431	Tunisian essential oils as potential food antimicrobials and antioxidants and screening of their element profile. European Food Research and Technology, 2021, 247, 1221-1234.	3.3	7
432	Stage-, sex- and tissue-related changes in H2O2, glutathione concentration, and glutathione-dependent enzymes activity in Aiolopus thalassinus (Orthoptera: Acrididae) from heavy metal polluted areas. Ecotoxicology, 2021, 30, 478-491.	2.4	9
433	Human health risk associated with heavy metals from consumption of Asiatic Clam, Corbicula fluminea, from Laguna de Bay, Philippines. Environmental Science and Pollution Research, 2021, 28, 36626-36639.	5.3	8
434	Sewage pollution, declining ecosystem health, and cross-sector collaboration. Biological Conservation, 2021, 255, 109010.	4.1	62
435	Assessment of sediment quality of the Qalubiya drain and adjoining soils, Eastern Nile Delta, Egypt. Arabian Journal of Geosciences, 2021, 14, 1.	1.3	19
436	Exploring status and intensity of Pb and Cd pollution in roadside soils and cereal grains. Pakistan Journal of Botany, 2021, 53, .	0.5	3
437	Risk assessment of trace elements in selected imported frozen fish fillet in Jordanian market. International Journal of Environmental Analytical Chemistry, 2023, 103, 2749-2758.	3.3	3
438	Ecological risk assessment of Cd, As, Cr, and Pb metals in farmed wheat in the vicinity of an industrial park. International Journal of Environmental Analytical Chemistry, 0, , 1-16.	3.3	5
439	Investigation of Heavy Metal Residues in Heat-Treated Drinking Milk Offered for Sale in the Market. Kocatepe Veteriner Dergisi, 0, , .	0.2	0
440	Multidimensional Scaling of the Mineral Nutrient Status and Health Risk Assessment of Commonly Consumed Fruity Vegetables Marketed in Kyrgyzstan. Biological Trace Element Research, 2022, 200, 1902-1916.	3.5	9
441	Assessment of risk of non-cancer disease in contaminated plant (Ocimum basilicum L.) and soil. Environmental Science and Pollution Research, 2021, 28, 56164-56174.	5.3	2
442	Bioaccumulation and human health risk assessment of heavy metals in food crops irrigated with freshwater and treated wastewater: a case study in Southern Cairo, Egypt. Environmental Science and Pollution Research, 2021, 28, 50217-50229.	5.3	13

#	Article	IF	Citations
443	Impact of landfill leachate contamination on surface and groundwater of Bangladesh: a systematic review and possible public health risks assessment. Applied Water Science, 2021, 11, 100.	5.6	83
444	Foliar-Supplied Molybdenum Improves Phyto-Nutritional Composition of Leaves and Fruits of Loquat (Eriobotrya japonica Lindl.). Agronomy, 2021, 11, 892.	3.0	15
445	Simultaneous Removal of Antibiotics and Heavy Metals with Poly(Aspartic Acid)â€Based Fenton Micromotors. Chemistry - an Asian Journal, 2021, 16, 1930-1936.	3.3	9
446	Microalgae biosorption, bioaccumulation and biodegradation efficiency for the remediation of wastewater and carbon dioxide mitigation: Prospects, challenges and opportunities. Journal of Water Process Engineering, 2021, 41, 102009.	5.6	98
447	Research progress and mechanism of nanomaterials-mediated in-situ remediation of cadmium-contaminated soil: A critical review. Journal of Environmental Sciences, 2021, 104, 351-364.	6.1	45
448	Differentiation of Trace Metal Contamination Level between Different Urban Functional Zones in Permafrost Affected Soils (the Example of Several Cities in the Yamal Region, Russian Arctic). Minerals (Basel, Switzerland), 2021, 11, 668.	2.0	12
449	Seasonal variation and source identification of heavy metal(loid) contamination in peri-urban farms of Hue city, Vietnam. Environmental Pollution, 2021, 278, 116813.	7.5	10
450	Risk assessment of heavy metals in rooibos (Aspalathus linearis) tea consumed in South Africa. Environmental Science and Pollution Research, 2021, 28, 59687-59695.	5.3	9
451	Risk assessment of heavy metals in marine fish and seafood from Kedah and Selangor coastal regions of Malaysia: a high-risk health concern for consumers. Environmental Science and Pollution Research, 2021, 28, 55166-55175.	5.3	17
452	Dataset on the content of major, trace, and rare-earth elements in the bottom sediments and bivalve mollusks of the Kara Sea (Arctic Ocean). Data in Brief, 2021, 36, 107087.	1.0	2
453	Dietary Metals (Pb, Cu, Cd, Zn) Exposure and Associated Health Risks in Baia Mare Area, Northwestern Romania. Journal of Biomedical Research & Environmental Sciences, 2021, 2, 580-592.	0.2	1
454	Farmland heavy metals can migrate to deep soil at a regional scale: A case study on a wastewater-irrigated area in China. Environmental Pollution, 2021, 281, 116977.	7.5	39
455	Heavy metal contamination and health risk assessment in grains and grain-based processed food in Arequipa region of Peru. Chemosphere, 2021, 274, 129792.	8.2	38
456	Evaluation of essential and non-essential elemental composition of commonly used medicinal plants from district Peshawar, Khyber Pakhtunkhwa, Pakistan. Environmental Science and Pollution Research, 2021, 28, 64337-64344.	5.3	2
457	Risk Assessment of Heavy Metals in Basmati Rice: Implications for Public Health. Sustainability, 2021, 13, 8513.	3.2	37
458	Role of Jasmonates, Calcium, and Glutathione in Plants to Combat Abiotic Stresses Through Precise Signaling Cascade. Frontiers in Plant Science, 2021, 12, 668029.	3.6	30
459	Assessment of the Risk of Heavy Metals Accumulation in Vegetable Crops. Issues of Risk Analysis, 2021, 18, 48-65.	0.3	1
460	Changes in dietary and water use habits after the Doce River contamination with mining tailings. Food Science and Technology, 0, 42, .	1.7	3

#	Article	IF	Citations
461	Supramolecular organogel with aggregation-induced emission for ultrasensitive detection and effective removal of Cu2+ and Hg2+ from aqueous solution. Dyes and Pigments, 2021, 192, 109436.	3.7	19
462	In-situ and ex-situ remediation of potentially toxic elements by humic acid extracted from different feedstocks: Experimental observations on a contaminated soil subjected to long-term irrigation with sewage effluents. Environmental Technology and Innovation, 2021, 23, 101599.	6.1	15
463	Mercury methylation and its accumulation in rice and paddy soil in degraded lands: A critical review. Environmental Technology and Innovation, 2021, 23, 101638.	6.1	7
464	Health risk assessment of heavy metals via consumption of dietary vegetables using wastewater for irrigation in Swabi, Khyber Pakhtunkhwa, Pakistan. PLoS ONE, 2021, 16, e0255853.	2.5	15
465	Morphological features, productivity and pollution state of abandoned agricultural soils in the Russian Arctic (Yamal Region). One Ecosystem, 0, 6, .	0.0	6
466	Long-term non-sustainable soil erosion rates and soil compaction in drip-irrigated citrus plantation in Eastern Iberian Peninsula. Science of the Total Environment, 2021, 787, 147549.	8.0	19
467	Heavy Metal Levels in Milk and Cheese Produced in the Kvemo Kartli Region, Georgia. Foods, 2021, 10, 2234.	4.3	16
468	Collaborative Assessment and Health Risk of Heavy Metals in Soils and Tea Leaves in the Southwest Region of China. International Journal of Environmental Research and Public Health, 2021, 18, 10151.	2.6	10
469	Assessment of Capsicum annuum L. Grown in Controlled and Semi-Controlled Environments Irrigated with Greywater Treated by Floating Wetland Systems. Agronomy, 2021, 11, 1817.	3.0	3
470	Analysis and health risk assessment of heavy metals in some onion varieties. Arabian Journal of Chemistry, 2021, 14, 103364.	4.9	9
471	Application of co-pyrolysis biochar for the adsorption and immobilization of heavy metals in contaminated environmental substrates. Journal of Hazardous Materials, 2021, 420, 126655.	12.4	124
472	Removal of heavy metals from soil with biochar composite: A critical review of the mechanism. Journal of Environmental Chemical Engineering, 2021, 9, 105830.	6.7	97
473	Recent advances in metabolomics for studying heavy metal stress in plants. TrAC - Trends in Analytical Chemistry, 2021, 143, 116402.	11.4	73
474	Superparamagnetic nanoarchitectures: Multimodal functionalities and applications. Journal of Magnetism and Magnetic Materials, 2021, 538, 168300.	2.3	20
475	Heavy metal pollution in the soil-vegetable system of Tannery Estate. Environmental Nanotechnology, Monitoring and Management, 2021, 16, 100557.	2.9	7
476	Heavy metal pollution status and health risk assessment vicinity to Barapukuria coal mine area of Bangladesh. Environmental Nanotechnology, Monitoring and Management, 2021, 16, 100469.	2.9	19
477	Residual effects of sulfur application prior to oilseed rape cultivation on cadmium accumulation in brown rice under an oilseed rapeâ€“rice rotation pot experiment. Ecotoxicology and Environmental Safety, 2021, 225, 112765.	6.0	6
478	Mechanochemically incorporating magnesium sulfate into antigorite to provide active nucleation sites for efficient precipitation of cadmium ions from weak acidic solution. Journal of Hazardous Materials, 2022, 424, 127272.	12.4	6

#	Article	IF	Citations
479	Chromium Bioaccumulation by Plants and Grazing Livestock as Affected by the Application of Sewage Irrigation Water: Implications to the Food Chain and Health Risk. International Journal of Environmental Research, 2021, 15, 261-274.	2.3	16
480	The spectral fusion of laser-induced breakdown spectroscopy (LIBS) and mid-infrared spectroscopy (MIR) coupled with random forest (RF) for the quantitative analysis of soil pH. Journal of Analytical Atomic Spectrometry, 2021, 36, 1084-1092.	3.0	7
481	Exogenous Application of Mg, Zn and B Influences Phyto-Nutritional Composition of Leaves and Fruits of Loquat (Eriobotrya japonica Lindl.). Agronomy, 2021, 11, 224.	3.0	20
482	Restoration of Degraded Soil for Sustainable Agriculture. , 2020, , 31-81.		15
483	Phytoremediation of Metal-Contaminated Sites. , 2020, , 725-745.		3
484	Soil Pollution and Human Health. , 2020, , 205-220.		11
485	Toxic Metals in Crops: A Burgeoning Problem. , 2020, , 273-301.		3
486	A Comprehensive Evaluation of Heavy Metal Contamination in Foodstuff and Associated Human Health Risk: A Global Perspective. , 2020, , 33-63.		35
487	Microbial resources in management of C sequestration, greenhouse gases, and bioremediation processes. , 2019, , 77-92.		4
488	Removal of Heavy Metals from Pharmaceutical Industrial Wastewater Effluent by Combination of Adsorption and Chemical Precipitation Methods. American Journal of Applied Chemistry, 2016, 4, 24.	0.4	12
489	Detecting the Level of Contaminations Caused by Heavy Metals in the Zayandeh Roud River and Clean up by Leaves of Beech Tree. Current World Environment Journal, 2012, 7, 87-91.	0.5	1
490	Monitoring of Carcinogenic Environmental Pollutants in raw Cowsâ€™ Milk. Biomedical and Pharmacology Journal, 2019, 12, 435-442.	0.5	5
491	Chromium Stress Mitigation by Polyamine-Brassinosteroid Application Involves Phytohormonal and Physiological Strategies in Raphanus sativus L.. PLoS ONE, 2012, 7, e33210.	2.5	159
492	The potential risk of heavy metals on human health due to the daily consumption of vegetables. Environmental Health Engineering and Management, 2019, 6, 11-16.	0.7	30
493	Effects of Treated Sugar Mill Effluent Irrigation on Soil and Hybrid Cultivar of Eggplant (Solanum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1	1.0	3
494	Microalgae Cultivation and Industrial Waste: New Biotechnologies for Obtaining Silver Nanoparticles. Mini-Reviews in Organic Chemistry, 2019, 16, 369-376.	1.3	8
497	Agronomical Performance of High Yielding Cultivar of Eggplant (Solanum melongena L.) Grown in Sewage Sludge Amended Soil. Research in Agriculture, 2016, 1, 1.	0.5	6
498	Presence of radionuclides and toxic elements in feedstuffs and food of animal origin. Veterinarski Glasnik, 2019, 73, 30-39.	0.3	5

#	Article	IF	Citations
499	HEAVY METALS IN SOIL AND VEGETABLES AND THEIR EFFECT ON HEALTH. International Journal of Engineering Science Technologies, 2017, 2, 17-27.	0.3	6
500	Health Risk Assessment of Heavy Metals in the Leafy, Fruit, and Root Vegetables Cultivated Near Mongla Industrial Area, Bangladesh. Journal of Human, Environment, and Health Promotion, 2018, 4, 144-152.	0.4	10
501	ALTINTAÅž (KÃœTAHYA-TÃœRKÄ°YE) OVASI TARIM TOPRAKLARINDA AÄžIR METAL KÄ°RLÄ°LÄžÄ°NÄ°N ARAÅžTIRILMASI, Ã–NCEL Ã‡A UygulamalÄ± Yerbilimleri Dergisi, 2018, 17, 13-26.	0.1	8
502	Copper bioaccumulation and translocation in forages grown in soil irrigated with sewage water. Pakistan Journal of Botany, 2020, 52, .	0.5	30
503	Enrichment of various metals in Abelmoschus esculentus grown in wastewater irrigated soil area of Dehradun city, India. Journal of Applied and Natural Science, 2012, 4, 291-296.	0.4	4
504	Human health risk assessment of aluminium via consumption of contaminated vegetables. Quality Assurance and Safety of Crops and Foods, 2018, 10, 115-123.	3.4	4
505	Effect of Processing Methods on Heavy Metal Concentrations in Commonly Consumed Green Leafy Vegetables Available in Sri Lankan Market. Pakistan Journal of Nutrition, 2015, 14, 1026-1033.	0.2	3
506	Potentially Toxic Element Concentration in Fruits Collected from Markazi Province (Iran): A Probabilistic Health Risk Assessment. Biomedical and Environmental Sciences, 2019, 32, 839-853.	0.2	16
507	Speciation and Geochemical Behaviour of Heavy Metals in Industrial Area Soil of Mysore City, India. Journal of Environmental Protection, 2012, 03, 1384-1392.	0.7	13
508	The Impact of Leachate on the Quality of Surface and Groundwater and Proposal of Measures for Pollution Remediation. Journal of Environmental Protection, 2016, 07, 745-759.	0.7	5
509	Assessment of Heavy Metals and Microbial Pollution of Lettuce (<i>Lactuca sativa</i>) Cultivated in Two Sites (Paspanga and Tanghin) of Ouagadougou, Burkina Faso. Journal of Environmental Protection, 2019, 10, 454-471.	0.7	3
510	Health Risk Assessment of Heavy Metals and Microbial Quality of Local Tomato (<i>Solanum) Tj ETQq1 1 0.784314 rgBT /Overlo 942-957.	0.7	5
511	Distribution, Enrichment and Accumulation of Heavy Metals in Soil and <i>Trigonella foenum-graecum</i> L. (Fenugreek) after Fertigation with Paper Mill Effluent. Open Journal of Metal, 2013, 03, 8-20.	0.7	4
512	Sensitivity of soil enzymes to excessive zinc concentrations. Journal of Elementology, 2014, , .	0.2	12
513	Assessment of Toxic Metals in Agricultural Produce. Food and Public Health, 2012, 2, 24-29.	2.0	42
514	Topsoil Contamination by Heavy Metals from a Local Brass Industrial Area of Nigeria. Resources and Environment, 2012, 2, 86-89.	0.4	1
516	Copper and Zinc Speciation in Soils from Paddy Cultivation Areas in Kelantan, Malaysia. Acta Biologica Malaysiana, 2012, 1, 26-35.	0.7	7
517	Heavy Metal Pollution of In-situ and Surrounding Soils Profiles at Municipal Solid Waste Dumpsite. British Journal of Applied Science & Technology, 2014, 4, 1198-1214.	0.2	5

#	Article	IF	Citations
518	Evaluation of Genotypic Variation in Lead and Cadmium Accumulation of Rice (Oryza sativa) in Different Water Conditions in Egypt. International Journal of Plant & Soil Science, 2014, 3, 911-933.	0.2	5
519	Concentration of Heavy Metals and Health Risk Assessment of Consumption of Fish (Sarotherodon) Tj ETQq1 1 0.784314 rgBT /Overl Science, Toxicology and Food Technology, 2017, 11, 68-73.	0.1	11
520	Does sulfur application continue to reduce cadmium accumulation and increase the seed yield of oilseed rape (Brassica napus L.) at the maturity stage?. Journal of the Science of Food and Agriculture, 2021, , .	3.5	0
521	Seasonal Variation in Heavy Metal Removal Efficiency and Application of Risk Assessment for Constructed Wetlands. Journal of the Korean Society of Agricultural Engineers, 2010, 52, 57-62.	0.1	2
522	Biomonitoramento do chumbo, via espectroscopia por energia dispersiva, em plantas medicinais. Revista Agrogeoambiental, 2013, 5, .	0.0	0
523	Genotoxicity Studies of Radish Grown on Industrial and Domestic Waste Water Using Alium cepa Root Tip Assay. Natural Environment, 2014, 2, 17.	0.5	0
524	Assessment of Chemistry of Soil Irrigated on Phuleli Canal. Science Journal of Chemistry, 2014, 2, 33.	0.4	1
526	Assessment of Trace Elements in Wastewater Effluent in Al-Hassa Eastern Province of the Kingdom of Saudi Arabia. Research Journal of Environmental Sciences, 2014, 8, 405-421.	0.5	0
527	Calidad de la leche de vaca en una zona de riego del estado de Puebla. Revista BiolÃ³gico Agropecuaria Tuxpan, 2016, 4, 17-24.	0.0	0
528	Determination of Heavy Metal Concentration in Cultivated Vegetables - A Case Study of Mysore District. IOSR Journal of Agriculture and Veterinary Science, 2016, 09, 104-108.	0.1	1
529	Monitoring of Heavy Metals in Water, Sediment and Phragmites australis of Aras River along the Iranian-Armenian Border. Iranian Journal of Toxicology, 2018, 12, 1-6.	0.3	4
530	Assessment of environmental and pollution level in water and insect's fauna of freshwater habitat. Journal of Bioscience and Applied Research, 2018, 4, 313-330.	0.2	0
531	Heavy Metal Speciation and Health Risk Assessment of Soil and Jute Mallow (Corchorus Olitorus) Collected From a Farm Settlement in Ikorodu, Lagos, Nigeria. Journal of Agricultural Chemistry and Environment, 2019, 08, 201-223.	0.5	0
532	Heavy Metal Speciation and Health Risk Assessment of Soil and Jute Mallow (Corchorus Olitorus) Collected From a Farm Settlement in Ikorodu, Lagos, Nigeria. Journal of Agricultural Chemistry and Environment, 2019, 08, 201-223.	0.5	1
533	Trace metal levels in castor plants growing on refuse dumpsites in wukari metropolis, Nigeria. MOJ Ecology & Environmental Sciences, 2019, 4, .	0.2	0
534	KIRMIZI PUL BÄ°BER Ã–RNEKLERÄ°NDE ELEMENT Ä°Ã‡ERÄ°ÄžÄ°NÄ°N BELÄ°RLENMESÄ°. GÄ±da, 2019, 44, 1000-1007.	0.1	1
535	Ecotoxicology of Environmental Heavy Metal Ions and Free Radicals on Macromolecule Cell Organisms. Nanomedicine and Nanotoxicology, 2020, , 1-46.	0.2	2
536	Ø³Ù‚ÙšÙšÙ... Ø§Ù„Ø³Ø±Ù†ÙšØ²Ø§Ø³ Ù‘Ø§Ù„Ø³Ø±Ø§Ø§Ù†... Ø§Ù„Ø¨ÙšÙ‘Ù„Ù‘Ø¬ÙšÙ Ù„Ù„Ù‰Ø²Ø§Ø§ Ø§Ù„Ø«Ù‚Ù‰Ø© Ù„Ù„Ù		

#	Article	IF	Citations
537	Accumulation of heavy metals (Fe, Zn, Cu, Mn, Cd and Pb) in mullets Planiliza subviridis (Valenciennes,) Tj ETQq0 0 0 rgBT /Overlock 10 T Oceanological and Hydrobiological Studies, 2020, 49, 140-146.	0.7	0
538	ESTUDO DAS CONCENTRAÃ‡Ã•ES DE CHUMBO DETECTADAS NO SOLO DE OLARIAS NO DISTRITO DE MARAGOGIPINHO, MUNICÃPIO DE ARATUÃPE, BAHIA, BRASIL. Revista AIDIS De IngenierÃa Y Ciencias Ambientales InvestigaciÃ³n Desarrollo Y PrÃ¡ctica, 2020, 13, 470.	0.0	0
539	Influence of land use and topography on distribution and bioaccumulation of potentially toxic metals in soil and plant leaves: A case study from Sekhukhuneland, South Africa. Science of the Total Environment, 2022, 806, 150659.	8.0	12
540	Good Governance: Its Role in Building a Sustainable Future. Encyclopedia of the UN Sustainable Development Goals, 2020, , 1-14.	0.1	0
541	The Toxicity and Accumulation of Metals in Crop Plants. , 2020, , 53-68.		2
542	Metal Input in Lettuce Grown in Urban Agricultural Soils. Open Journal of Soil Science, 2020, 10, 137-157.	0.8	0
543	Research on the Influence of the Forming Soil of Sandstone and Sand on the Leakage and Migration of Heavy Metals. Hans Journal of Soil Science, 2020, 08, 75-81.	0.0	0
544	Potentially toxic metals of vegetable gardens of urban schools in Lages, Santa Catarina, Brazil. Ciencia Rural, 2020, 50, .	0.5	1
545	Assessment of heavy metal pollution in water, sediment, and fish of the river Ganga at Varanasi, India. Arabian Journal of Geosciences, 2021, 14, 1.	1.3	3
546	Melatonin protects against alterations in hippocampal cholinergic system, trace metals and oxidative stress induced by gestational and lactational exposure to cadmium. EXCLI Journal, 2010, 9, 119-132.	0.7	13
547	Bioaccumulation and health risk assessment of exposure to potentially toxic elements by consuming agricultural products irrigated with wastewater effluents. Environmental Research, 2022, 205, 112479.	7.5	12
548	Analysis of toxic elements in leaves and fruits of loquat by inductively coupled plasma-mass spectrometry (ICP-MS). Acta Scientiarum Polonorum, Hortorum Cultus, 2021, 20, 33-42.	0.6	11
549	Wastewater irrigation in India: Current status, impacts and response options. Science of the Total Environment, 2022, 808, 152001.	8.0	62
550	Chrysin and flunixin meglumine mitigate overloaded copperâ€induced testicular and spermatological damages via modulation of oxidative stress and apoptosis in rats. Andrologia, 2022, 54, e14327.	2.1	0
551	Human health risk assessment of toxic elements in soils and crops around Xiaoqinling gold-mining area, Northwestern China. Energy and Environment, 0, , 0958305X2110569.	4.6	1
552	National highway induced selected chemical properties of soils across tea bowl of India: scale and assessment. International Journal of Environmental Science and Technology, 2022, 19, 12019-12038.	3.5	3
553	Elemental concentration of heavy metals in oyster mushrooms grown on mine polluted soils in Pretoria, South Africa. Journal of King Saud University - Science, 2022, 34, 101763.	3.5	7
554	Production of Safer Vegetables from Heavy Metals Contaminated Soils: The Current Situation, Concerns Associated with Human Health and Novel Management Strategies. , 2022, , 301-312.		26

#	Article	IF	Citations
555	Assessing the level of contamination of metals in surface soils at thermal power area: Evidence from developing country (India). Environmental Chemistry and Ecotoxicology, 2022, 4, 37-49.	9.1	17
556	Effects of diverse irrigation with wastewater in soil and plants: assessing the risk of metal to the animal food chain. Environmental Science and Pollution Research, 2022, 29, 27140-27149.	5.3	5
557	Appraising growth, daily intake, health risk index, and pollution load of Zn in wheat (Triticum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 667 Research, 2022, 29, 34685-34700.	5.3	6
558	Impact of Irrigation with Treated Wastewater on Physical-Chemical Properties of Two Soil Types and Corn Plant (Zea mays). Journal of Soil Science and Plant Nutrition, 2022, 22, 1377-1393.	3.4	6
559	Health Risk Assessment and Multivariate Statistical Analysis of Heavy Metals in Vegetables of Khyber Pakhtunkhwa Region, Pakistan. Biological Trace Element Research, 2022, 200, 3023-3038.	3.5	5
560	Biomagnification of potentially toxic elements in animals consuming fodder irrigated with sewage water. Environmental Geochemistry and Health, 2022, 44, 4523-4538.	3.4	7
561	Screening of XanthiumÂstrumarium (IAPS) Growing on Abandoned Habitats in Khyber Pakhtunkhwa, Pakistan: Perspectives for Phytoremediation. Applied Sciences (Switzerland), 2021, 11, 11704.	2.5	7
562	Vanadium Toxicity Induced Changes in Growth, Antioxidant Profiling, and Vanadium Uptake in Pepper (Capsicum annum L.) Seedlings. Horticulturae, 2022, 8, 28.	2.8	24
563	Trace Metal Accumulation in Rice Variety Kainat Irrigated with Canal Water. Sustainability, 2021, 13, 13739.	3.2	9
566	Brassinosteroids: A Wonder Growth Regulator to Alleviate Abiotic Stresses in Plants. Advances in Science, Technology and Innovation, 2022, , 97-110.	0.4	0
567	Health risk assessment for heavy metal accumulation in leafy vegetables grown on tannery effluent contaminated soil. Toxicology Reports, 2022, 9, 346-355.	3.3	42
568	Recent advancements in algaeâ€“bacteria consortia for the treatment of domestic and industrial wastewater. , 2022, , 13-50.		0
569	Human health risk assessment of some important trace elements in boneless whole chicken meat. F1000Research, 0, 11, 276.	1.6	1
570	Potentially Toxic Metals in the High-Biomass Non-Hyperaccumulating Plant Amaranthus viridis: Human Health Risks and Phytoremediation Potentials. Biology, 2022, 11, 389.	2.8	3
571	Heavy Metal Accumulation in Rice and Aquatic Plants Used as Human Food: A General Review. Toxics, 2021, 9, 360.	3.7	52
572	Adverse Effects of Heavy Metals on Aquatic life. , 0, , 03-08.		0
573	Effect of Water and Soil Contamination by Heavy Metals in Lettuce (Lactuca sativa), Cabbage (Brassica) Tj ETQq0 0 0 rgBT /Overlock 10 Science and Toxicology, 0, , 035-040.	0.3	0
574	Appraisal of probabilistic levels of toxic metals and health risk in cultivated and marketed vegetables in urban and peri-urban areas of Delhi, India. Environmental Toxicology and Pharmacology, 2022, 92, 103863.	4.0	6

#	Article	IF	Citations
576	Evaluation of nutrients, toxicity and hazard quotient associates of artificially ripened humid tropical banana (musa. spp). , 2022, 1, 100045.		3
577	Plant-Bacterial Symbiosis: An Ecologically Sustainable Agriculture Production Alternative to Chemical Fertilizers. , 0, , .		1
578	Assessing the health risk of cadmium to the local population through consumption of contaminated vegetables grown in municipal solid wasteâ€“amended soil. Environmental Monitoring and Assessment, 2022, 194, .	2.7	3
579	Morinda lucida stem bark reversed the pattern and extent of lead nitrate-induced liver injury in Wistar rats. Morphologie, 2022, , .	0.9	3
580	Trace elements in Foodstuffs from the Mediterranean Basinâ€”Occurrence, Risk Assessment, Regulations, and Prevention strategies: A review. Biological Trace Element Research, 0, , .	3.5	5
581	Magnetic field-induced self-assembly of urchin-like polymeric particles: mechanism, dispersity, and application in wastewater treatment. Separation and Purification Technology, 2022, , 121742.	7.9	1
582	Accumulation and risk assessment of heavy metals in rice: a case study for five areas of Guizhou Province, China. Environmental Science and Pollution Research, 2022, 29, 84113-84124.	5.3	5
583	Physiological and Biochemical Responses of Pepper (Capsicum annuum L.) Seedlings to Nickel Toxicity. Frontiers in Plant Science, 0, 13, .	3.6	18
584	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.	4.8	0
585	Remediation of Cd-Contaminated Soil by Micro-Nano Nitrogen-Doped Biochar and its Mechanisms. SSRN Electronic Journal, 0, , .	0.4	0
586	The assessment of the soilâ€“plant-animal transport of the risk elements at the locations affected by brown coal mining. Environmental Science and Pollution Research, 2023, 30, 337-351.	5.3	6
587	Antimicrobial Effectiveness of Innovative Photocatalysts: A Review. Nanomaterials, 2022, 12, 2831.	4.1	12
589	Pollution Characteristics, Sources, and Health Risk Assessments of Potentially Toxic Elements in Community Garden Soil of Linâ€™an, Zhejiang, China. Bulletin of Environmental Contamination and Toxicology, 0, , .	2.7	2
591	Assessment of Heavy Metal Uptake in Potatoes Cultivated in a Typical Karst Landform, Weining County, China. Foods, 2022, 11, 2379.	4.3	2
592	Heavy Metals in Commonly Consumed Root and Leafy Vegetables in Dhaka City, Bangladesh, and Assessment of Associated Public Health Risks. Environmental Systems Research, 2022, 11, .	3.7	9
593	Heavy metals in vegetables: a review of status, human health concerns, and management options. Environmental Science and Pollution Research, 2023, 30, 71940-71956.	5.3	4
594	Effects of wastewater reuse on perceived health risks of farmers in Pakistan: Application of the Zero-Inflated Poisson regression model. Journal of Cleaner Production, 2022, 369, 133430.	9.3	4
595	Are the vegetables grown in the soil of municipal solid waste dumping sites safe for human health? An assessment from trace elements contamination and associated health risks. Environmental Nanotechnology, Monitoring and Management, 2022, 18, 100731.	2.9	1

#	Article	IF	Citations
597	Risk Assessment of Heavy Metal Contaminations in Soil and Water Ecosystem. Environmental Science and Engineering, 2022, , 389-404.	0.2	1
598	How Sustainable is Urban Food Production in Sierra Leone? Investigation of Environmental Health Aspects at Urban and Peri-Urban Agricultural (Upa) Sites in Freetown. SSRN Electronic Journal, 0, , .	0.4	0
599	Heavy metals and metalloids in soil and vegetable crops. , 2022, , 395-416.		0
600	3D printable polyethyleneimine based hydrogel adsorbents for heavy metal ions removal. Environmental Science Advances, 2022, 1, 443-455.	2.7	3
601	Evaluation of Heavy Metals in Soil Wastewater Stream. International Journal of Analytical Chemistry, 2022, 2022, 1-11.	1.0	2
602	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.	4.8	10
604	Incidence of Heavy Metals in the Application of Fertilizers to Crops (Wheat and Rice), a Fish (Common) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.2	14
605	Meta-analysis of public health risks of lead accumulation in wastewater, irrigated soil, and crops nexus. Frontiers in Public Health, 0, 10, .	2.7	2
606	Evaluation of sediment and water quality of Ismailia Canal for heavy metal contamination, Eastern Nile Delta, Egypt. Regional Studies in Marine Science, 2022, 56, 102714.	0.7	11
607	Trace element contamination in rice and its potential health risks to consumers in North-Central Vietnam. Environmental Geochemistry and Health, 2023, 45, 3361-3375.	3.4	4
608	Chromium Induces Toxicity at Different Phenotypic, Physiological, Biochemical, and Ultrastructural Levels in Sweet Potato (Ipomoea batatas L.) Plants. International Journal of Molecular Sciences, 2022, 23, 13496.	4.1	14
609	Versatile hydrogen-bonded organic framework (HOF) platform for simultaneous detection and efficient removal of heavy metal ions. Journal of Environmental Chemical Engineering, 2022, 10, 108983.	6.7	5
611	Various indices to find out pollution and toxicity impact of metals. , 2023, , 21-38.		3
612	Human health risk hazards by heavy metals through consumption of vegetables cultivated by wastewater. Journal of King Saud University - Science, 2023, 35, 102467.	3.5	2
613	Determination of Median Tolerance Limit (LC50) Of Channa Punctata (BLOCH) For Cadmium Chloride. SSRN Electronic Journal, 0, , .	0.4	1
614	Photosynthetic response, antioxidase activity, and cadmium uptake and translocation in Monochoria korsakowii with cadmium exposure. Water Science and Technology, 2022, 86, 2974-2986.	2.5	1
615	Elucidating Heavy Metals Concentration and Distribution in Wild Edible Morels and the Associated Soil at Different Altitudinal Zones of Pakistan: a Health Risk Implications Study. Biological Trace Element Research, 2023, 201, 4177-4190.	3.5	5
616	Vanadium Stress Alters Sweet Potato (Ipomoea batatas L.) Growth, ROS Accumulation, Antioxidant Defense System, Stomatal Traits, and Vanadium Uptake. Antioxidants, 2022, 11, 2407.	5.1	4

#	Article	IF	Citations
617	Introducing sedum affects rootâ€soil interface phytoremediation of heavy metals in lei bamboo forest and potential risks from edible bamboo shoots. Land Degradation and Development, 2023, 34, 1820-1829.	3.9	1
618	Metals Assessments and Health Risk Associated with Consumption of Some Selected Fruits Obtained from Angwan Rukumba Market in Jos, Plateau State, Nigeria. Journal of Advances in Biology & Biotechnology, 0, , 44-51.	0.2	0
619	Assessment of chromium contamination in the soil and khat leaves (Catha edulis Forsk) and its health risks located in the vicinity of tannery industries; A case study in Bahir Dar City, Ethiopia. Heliyon, 2022, 8, e11914.	3.2	3
620	Accumulation of Heavy Metals in Vegetable Crops. Russian Agricultural Sciences, 2022, 48, S164-S173.	0.2	1
622	The spatial analysis, risk assessment and source identification for mercury in a typical area with multiple pollution sources in southern China. Environmental Geochemistry and Health, 2023, 45, 4057-4069.	3.4	2
623	Leucine Contributes to Copper Stress Tolerance in Peach (Prunus persica) Seedlings by Enhancing Photosynthesis and the Antioxidant Defense System. Antioxidants, 2022, 11, 2455.	5.1	5
624	Heavy metal (Cr, Cu, Ni, Pb, and Zn) contents of endemic Salvia halophila plants around Lake Tuz. , 0, , .		0
625	Amassing of heavy metals in soils, vegetables and crop plants irrigated with wastewater: Health risk assessment of heavy metals in Dera Ghazi Khan, Punjab, Pakistan. Frontiers in Plant Science, 0, 13, .	3.6	17
626	Potential health risk assessment of metals in the muscle of seven wild fish species from the Wujiangdu reservoir, China. Quality Assurance and Safety of Crops and Foods, 2023, 15, 73-83.	3.4	36
627	Selenium and toxic metals in human hair of the Dashan Region, China: Concentrations, sources, and antagonism effect. Ecotoxicology and Environmental Safety, 2023, 250, 114479.	6.0	7
629	Contamination levels and health risk assessment of heavy metals in food crops in Ishiagu area, lower Benue trough South-eastern Nigeria. International Journal of Environmental Science and Technology, 2023, 20, 12069-12088.	3.5	2
630	Ecological health risk assessment of microplastics and heavy metals in sediments, water, hydrophytes (Alternanthera philoxeroides, Typha latifolia, and Ipomoea carnea), and fish (Labeo rohita) in Marala wetlands in Sialkot, Pakistan. Environmental Science and Pollution Research, 2023, 30, 41272-41285.	5.3	4
631	Distribution characteristics, source analysis and health risk assessment of heavy metals in farmland soil in Shiquan County, Shaanxi Province. Chemical Engineering Research and Design, 2023, 171, 225-237.	5.6	12
632	Groundwater quality index and potential human health risk assessment of heavy metals in water: A case study of Calabar metropolis, Nigeria. Environmental Nanotechnology, Monitoring and Management, 2023, 19, 100780.	2.9	3
633	Impact of waste treatment through genetic modification and reuse of treated water on human health. , 2023, , 153-204.		0
634	Phytoremediation of Agricultural Pollutants in the Tropics. Wetlands: Ecology, Conservation and Management, 2023, , 117-133.	0.2	0
635	Comparative study on metal concentrations in water, sediments, and two fish species (Cyprinus carpio) Tj ETQq0 0 0 rgBT /Overlock 10 Research, 0, , .	5.3	0
636	Detecting bioaccumulation of heavy metal in yellowfin tuna (Thunnus albacares Bonnaterre, 1788) in Southwest Pacific Waters, Indonesia. AIP Conference Proceedings, 2023, , .	0.4	0

#	Article	IF	Citations
637	Toxic effects of essential metals on plants: From damage to adaptation responses. , 2023, , 195-210.		0
638	Remediation of cadmium-contaminated soil by micro-nano nitrogen-doped biochar and its mechanisms. Environmental Science and Pollution Research, 2023, 30, 48078-48087.	5.3	2
639	UlutaÅŸ KÃ¶yÃ¼ (Erzurum) BÃ¶lgesindeki Topraklarda AÄŸÄ±r Metal KirliliÄŸinin AraÅŸtÄ±rÄ±lmasÄ±. Turkish Journal of Agricultural and Natural Sciences, 2023, 10, 223-233.	0.6	2
640	Adsorption of Hexavalent Chromium with FeS Coated Activated Bagasse Biochar. Advances in Environmental Protection, 2022, 12, 1214-1221.	0.1	0
641	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.	3.5	1
642	Manganese-doped hydroxyapatite as an effective adsorbent for the removal of Pb(II) and Cd(II). Chemosphere, 2023, 321, 138123.	8.2	13
643	Contamination of Sewage Water with Active Pharmaceutical Ingredients: An Emerging Threat to Food Products and Human Health. Emerging Contaminants and Associated Treatment Technologies, 2023, , 193-231.	0.7	1
645	Effects of Bio-Slurry and Chemical Fertilizer Application on Soil Properties and Food Safety of Tomato (Solanum lycopersicum Mill.). Applied and Environmental Soil Science, 2023, 2023, 1-16.	1.7	3
646	Antioxidant Activities of Pediococcus Acidilactici GR-66 and Proposed Chromium (VI)-reducing Mechanism. , 0, 30, 156-166.		0
647	The Journey of 1000 Leagues towards the Decontamination of the Soil from Heavy Metals and the Impact on the Soilâ€“Plantâ€“Animalâ€“Human Chain Begins with the First Step: Phytostabilization/Phytoextraction. Agriculture (Switzerland), 2023, 13, 735.	3.1	3
649	Land application of industrial wastes: impacts on soil quality, biota, and human health. Environmental Science and Pollution Research, 2023, 30, 67974-67996.	5.3	4
650	Heavy metals in agricultural cultivated products irrigated with wastewater in India: a review. Aqua Water Infrastructure, Ecosystems and Society, 2023, 72, 851-867.	0.0	2
651	Levels of heavy metal in soil and vegetable and associated health risk in peri-urban areas across China. Ecotoxicology and Environmental Safety, 2023, 259, 115037.	6.0	7
652	Assessment of physicochemical properties of suspended sediment in Yangtze river estuary. Physical Geography, 2024, 45, 39-52.	1.4	0
653	Biomonitoring of Heavy Metal and Metalloid Contamination in Industrial Wastewater Irrigated Areas Using Sugar Beet (Brassica oleracea L.). Sustainability, 2023, 15, 9694.	3.2	4
654	Divergent soil health responses to long-term inorganic and organic fertilization management on subtropical upland red soil in China. Ecological Indicators, 2023, 154, 110486.	6.3	7
655	Heavy Metal Pollution in Water from Anthropogenic and Natural Activities and the Remediation Strategies. , 2023, , 27-53.		0
656	A Bismuth Modified Hybrid Binder Carbon Paste Electrode for Electrochemical Stripping Detection of Trace Heavy Metals in Soil. International Journal of Electrochemical Science, 2012, 7, 12326-12339.	1.3	20

#	Article	IF	Citations
657	Effect of heavy metal (Mn, Pb and Cr) on the properties and hydration in low water/binder cement-based composites (LW/B-CC). Construction and Building Materials, 2023, 386, 131567.	7.2	1
658	Assessment and Bioaccumulation of Heavy Metals in Water, Fish (wild and Farmed) and Associated Human Health Risk. Biological Trace Element Research, 2024, 202, 725-735.	3.5	5
659	Heavy metals transfer in soilâ€vegetable continuum and health risk assessment via consumption in the urban sprawl of Delhi, India. Journal of Food Safety, 2023, 43, .	2.3	1
660	Assessment of Heavy Metal Pollution in Soil and Plants from Dunhua Sewage Irrigation Area. International Journal of Electrochemical Science, 2011, 6, 5314-5324.	1.3	48
661	Health Risk and Quality Assessment of Vegetables Cultivated on Soils from a Heavily Polluted Old Mining Area. Toxics, 2023, 11, 583.	3.7	2
662	Development of colorimetric probe for the selective detection of HgII. Australian Journal of Chemistry, 2023, , .	0.9	2
663	Ecological and health risk assessment associated with translocation of heavy metals in Lycopersicum esculentum from farmland soil treated with different composts. Journal of Environmental Management, 2023, 344, 118577.	7.8	3
664	Human Health Risk Assessment due to the Incidence of Heavy Metals in Different Commercial Feeds Used for the Culturing of Biofloc Fish (Nile tilapia: Oreochromis niloticus). Biological Trace Element Research, 2024, 202, 1741-1751.	3.5	0
665	Levels of Lead (Pb), Cadmium (Cd) and Cobalt (Co) in Cow Milk from Selected Areas of Zanzibar Island, Tanzania. American Journal of Analytical Chemistry, 2023, 14, 287-304.	0.9	2
666	Evaluation of adsorptive performance of Mn-doped Fe2O4 nanoparticles loaded on activated carbon in removal of boron ions from synthetic wastewater. Biomass Conversion and Biorefinery, 0, , .	4.6	1
667	Investigation of the incidence of heavy metals contamination in commonly used fertilizers applied to vegetables, fish ponds, and human health risk assessments. Environmental Science and Pollution Research, 2023, 30, 100646-100659.	5.3	4
668	Effect of Heat Stress on Root Architecture, Photosynthesis, and Antioxidant Profile of Water Spinach (Ipomoea aquatica Forsk) Seedlings. Horticulturae, 2023, 9, 923.	2.8	2
669	Contamination of long-term manure-fertilized Indian paddy soils with veterinary antibiotics: Impact on bacterial communities and antibiotics resistance genes. Applied Soil Ecology, 2023, 192, 105106.	4.3	6
671	Health risk assessment of trace elements (Pb, Cd, Cu, Fe) in agricultural soil in Kerman City, Southeast of Iran. Natural Hazards, 0, , .	3.4	0
673	Biomonitoring and Biomathematical Modeling of Health Risks Associated with Dumpsite Grown Vegetables in Lagos State. Biological Trace Element Research, 0, , .	3.5	0
674	Influence of Industrial Wastewater Irrigation on Heavy Metal Content in Coriander (Coriandrum) Tj ETQq1 1 0.784314 rgBT /Overlock	3.5	1
675	Influence of brassinosteroid and silicon on growth, antioxidant enzymes, and metal uptake of leafy vegetables under wastewater irrigation. International Journal of Phytoremediation, 0, , 1-11.	3.1	0
676	Bioaccumulation and Mobility of Heavy Metals in the Soil-Plant System and Health Risk Assessment of Vegetables Irrigated by Wastewater. Sustainability, 2023, 15, 15321.	3.2	0

#	Article	IF	Citations
677	Irrigation water quality from wastewater reuse or groundwater sources: bridging the waterâ€“nutrientâ€“food nexus. Aqua Water Infrastructure, Ecosystems and Society, 2023, 72, 2377-2395.	0.0	0
678	Cobalt Uptake by Food Plants and Accumulation in Municipal Solid Waste Materials Compost-amended Soil: Public Health Implications. Biological Trace Element Research, 0, , .	3.5	1
679	Ecological and Health Risk Assessment of Heavy Metals Bioaccumulation in Ganges Fish Near Varanasi, India. Biological Trace Element Research, 0, , .	3.5	0
681	Impacts of long-term irrigation with coalmine effluent contaminated water on trace metal contamination of topsoil and potato tubers in Dinajpur area, Bangladesh. Heliyon, 2024, 10, e24100.	3.2	0
683	Recycling of domestic wastewater treated by vertical-flow wetlands for irrigation. , 2024, , 525-542.		0
684	Contamination of soil and Capsicum annuum irrigated with recycled domestic wastewater. , 2024, , 571-602.		0
685	Characteristics and evaluation of heavy metal pollution in a soilâ€“wheat system of an arid oasis city in northwest China. Ecotoxicology and Environmental Safety, 2024, 271, 115958.	6.0	0
686	Natural Background and the Anthropogenic Enrichment of Mercury in the Southern Florida Environment: A Review with a Discussion on Public Health. International Journal of Environmental Research and Public Health, 2024, 21, 118.	2.6	0
687	A critical review on the ecotoxicity of heavy metal on multispecies in global context: A bibliometric analysis. Environmental Research, 2024, 248, 118280.	7.5	0
688	Quantification of toxic heavy metals, trace elements and essential minerals contents in traditional herbal medicines commonly utilized in Khyber Pakhtunkhwa, Pakistan. Heliyon, 2024, 10, e25384.	3.2	0
689	Bioaccumulation of potentially toxic elements in leafy and tuberous vegetables: a comparison based on meta-analysis studies with a cumulative health risk assessment. International Journal of Environmental Health Research, 0, , 1-23.	2.7	0
690	Biomass Production and Metal Remediation by Salix alba L. and Salix viminalis L. Irrigated with Greywater Treated by Floating Wetlands. Environments - MDPI, 2024, 11, 44.	3.3	0
691	Response of wheat (Triticum aestivum L.) and cowpea (Vigna unguiculata L.) to foliar wetting with low pH mine waters containing acid-generating metal cations. Agricultural Water Management, 2024, 295, 108742.	5.6	0
692	Proximate analysis, levels of trace heavy metals and associated human health risk assessments of Ethiopian white sugars. Journal of Agriculture and Food Research, 2024, 16, 101086.	2.5	0
694	Accumulation of Heavy Metals in Maga-Pouss Rice Fields (Far-North Region, Cameroon) and Transfer to Rice Grains. Agricultural Sciences, 2024, 15, 311-326.	0.3	0
696	From soil to health hazards: Heavy metals contamination in northern India and health risk assessment. Chemosphere, 2024, 354, 141697.	8.2	0