Heavy metal accumulation in vegetables irrigated with

Food Chemistry

111, 811-815

DOI: 10.1016/j.foodchem.2008.04.049

Citation Report

#	Article	IF	Citations
1	Application of an angiosperm-based classification system (BiPo) to Mediterranean coastal waters: using spatial analysis and data on metal contamination of plants in identifying sources of pressure. Hydrobiologia, 2009, 633, 169-179.	1.0	20
2	Evaluation of trace element contents of dried apricot samples from Turkey. Journal of Hazardous Materials, 2009, 167, 647-652.	6.5	82
3	Adsorption of Pb(II), Cr(III), Cu(II), Cd(II) and Ni(II) onto a vanadium mine tailing from aqueous solution. Journal of Hazardous Materials, 2009, 169, 838-846.	6.5	127
4	Spatial analysis of human health risk associated with ingesting manganese in Huangxing Town, Middle China. Chemosphere, 2009, 77, 368-375.	4.2	73
5	Heavy metal contamination in water, soil, and vegetables of the industrial areas in Dhaka, Bangladesh. Environmental Monitoring and Assessment, 2010, 166, 347-357.	1.3	248
6	Oxidative stability of olive oil and its polyphenolic compounds after boiling vegetable process. LWT - Food Science and Technology, 2010, 43, 1336-1344.	2.5	22
7	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.	1.8	648
8	Assessment of Heavy Metal Accumulation in Wastewater irrigated Soil and Uptake by Maize plants (Zea) Tj ETQq1 1 0.784314 rgBT /Ov	0.1	30
9	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.	1.7	39
10	Sorption of zinc by novel pH-sensitive hydrogels based on chitosan, itaconic acid and methacrylic acid. Journal of Hazardous Materials, 2011, 192, 846-854.	6.5	59
11	Notice of Retraction: Health Risks of Heavy Metals in Soils and Food Crops Irrigated with Wastewater in Zhengzhou, China. , 2011, , .		0
12	Sorption of Cu2+ and Co2+ ions from aqueous solutions onto sepiolite: An equilibrium, kinetic and thermodynamic study. Journal of the Serbian Chemical Society, 2011, 76, 101-112.	0.4	10
13	Responses of cucumber grown in recirculating nutrient solution to gradual Mn and Zn accumulation in the root zone owing to excessive supply via the irrigation water. Journal of Plant Nutrition and Soil Science, 2012, 175, 125-134.	1.1	9
14	The role of green roof technology in urban agriculture. Renewable Agriculture and Food Systems, 2012, 27, 314-322.	0.8	97
15	Trace metals in vegetables grown with municipal and industrial wastewaters. Toxicological and Environmental Chemistry, 2012, 94, 1125-1143.	0.6	11
16	The Influence of Wastewater Irrigation on the Transformation and Bioavailability of Heavy Metal(Loid)s in Soil. Advances in Agronomy, 2012, 115, 215-297.	2.4	67
17	Soil pollution under the effect of treated municipal wastewater. Environmental Monitoring and Assessment, 2012, 184, 6297-6305.	1.3	18
18	Performance of silica aerogels modified with amino functional groups in PB(II) and CD(II) removal from aqueous solutions. Polish Journal of Chemical Technology, 2012, 14, 50-56.	0.3	46

#	Article	IF	Citations
19	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.	1.3	90
20	Dietary intake of pollutant aerosols via vegetables influenced by atmospheric deposition and wastewater irrigation. Ecotoxicology and Environmental Safety, 2012, 76, 200-208.	2.9	63
21	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.	2.9	99
22	Heavy metals health risk assessment for population via consumption of food crops and fruits in Owerri, South Eastern, Nigeria. Chemistry Central Journal, 2012, 6, 77.	2.6	135
23	Comparative evaluation of some macro- and micro-element and heavy metal contents in commercial fruit juices. Environmental Monitoring and Assessment, 2012, 184, 5415-5420.	1.3	27
24	Assessment of Heavy Metal Contamination of Agricultural Soil around Dhaka Export Processing Zone (DEPZ), Bangladesh: Implication of Seasonal Variation and Indices. Applied Sciences (Switzerland), 2012, 2, 584-601.	1.3	181
25	Would Aluminum and Nickel Content of Apricot Pose Health Risk to Human?. Notulae Scientia Biologicae, 2012, 4, 91-94.	0.1	1
26	Trace elements content in vegetables grown in industrially polluted and non-polluted areas. Bangladesh Journal of Agricultural Research, 2012, 37, 515-527.	0.0	15
27	Distribution of Heavy Metals, Chemical Fractions and Ecological Risks around a Molybdenum Mine in Liaoning Province, China. , 2012, 01, .		2
28	Environmental and Health Impacts of Successive Mineral Fertilization in Egypt. Clean - Soil, Air, Water, 2012, 40, 356-363.	0.7	34
29	Phytoremediation Potential of Aquatic Macrophyte, Azolla. Ambio, 2012, 41, 122-137.	2.8	210
30	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.	1.3	83
31	In vitro morphogenic response and metal accumulation in Albizia lebbeck (L.) cultures grown under metal stress. European Journal of Forest Research, 2012, 131, 669-681.	1.1	17
32	How healthy is urban horticulture in high traffic areas? Trace metal concentrations in vegetable crops from plantings within inner city neighbourhoods in Berlin, Germany. Environmental Pollution, 2012, 165, 124-132.	3.7	263
33	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.	3.2	166
34	Soil metals, chloroplasts, and secure crop production: a review. Agronomy for Sustainable Development, 2012, 32, 245-272.	2.2	51
35	Effect of long-term application of treated sewage water on heavy metal accumulation in vegetables grown in Northern India. Environmental Monitoring and Assessment, 2012, 184, 1025-1036.	1.3	120
36	The uptake of nickel and chromium from irrigation water by potatoes, carrots and onions. Ecotoxicology and Environmental Safety, 2013, 91, 122-128.	2.9	51

#	Article	IF	Citations
37	Irrigation with industrial wastewater activates antioxidant system and osmoprotectant accumulation in lettuce, turnip and tomato plants. Ecotoxicology and Environmental Safety, 2013, 95, 144-152.	2.9	27
38	Accumulation of heavy metals in Spinacia oleracea irrigated with paper mill effluent and sewage. Environmental Monitoring and Assessment, 2013, 185, 7343-7352.	1.3	31
39	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.	2.9	83
40	Toxicological assessment of heavy metals accumulated in vegetables and fruits grown in Ginfel river near Sheba Tannery, Tigray, Northern Ethiopia. Ecotoxicology and Environmental Safety, 2013, 95, 171-178.	2.9	116
41	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.	4.2	203
42	Heavy metal risk assessment for potatoes grown in overused phosphate-fertilized soils. Environmental Monitoring and Assessment, 2013, 185, 1825-1831.	1.3	37
43	Enrichment and Translocation of Heavy Metals in Soil and Spinacea oleracea Grown in Sugar Mill Effluent Irrigated Soil. Sugar Tech, 2013, 15, 77-83.	0.9	12
44	Phytoremediation of Wastewater withLimnocharis Flava, Thalia GeniculataandTypha Latifoliain Constructed Wetlands. International Journal of Phytoremediation, 2013, 15, 452-464.	1.7	71
45	Phytoremediation of heavy metalsâ€"Concepts and applications. Chemosphere, 2013, 91, 869-881.	4.2	2,665
46	Foliar sorption of emerging and priority contaminants under controlled conditions. Journal of Hazardous Materials, 2013, 260, 176-182.	6.5	18
47	Concentrations of Cd, Cu, Pb and Zn in soft tissue of oyster (Saccostrea cucullata) collected from the Lengeh Port coast, Persian Gulf, Iran: A comparison with the permissible limits for public health. Food Chemistry, 2013, 141, 3014-3019.	4.2	18
48	Soil cadmium enrichment: Allocation and plant physiological manifestations. Saudi Journal of Biological Sciences, 2013, 20, 1-10.	1.8	112
49	Heavy metal pollution in farmland irrigated with river water near a steel plantâ€"magnetic and geochemical signature. Geophysical Journal International, 2013, 192, 963-974.	1.0	40
50	Treated municipal wastewater for irrigation: effect on turnip (Brassica rapa). Desalination and Water Treatment, 2013, 51, 5430-5443.	1.0	5
51	Accumulation of heavy metals on soil and vegetable crops grown on sewage and tube well water irrigation. Scientific Research and Essays, 2013, 8, 2187-2193.	0.1	11
52	Lead Tolerance and Accumulation in White Poplar Cultivated In Vitro. South-East European Forestry, 2013, 4, 3-12.	0.1	7
53	Anatomical Response of <i>Amaranthus hybridus</i> Linn. as Influenced by Pharmaceutical Effluents. Notulae Scientia Biologicae, 2013, 5, 431-437.	0.1	4
54	Using Statistical and Probabilistic Methods to Evaluate Health Risk Assessment: A Case Study. Toxics, 2014, 2, 291-306.	1.6	3

#	Article	IF	Citations
55	Response of Vegetables to Cadmium-Enriched Soil. Water (Switzerland), 2014, 6, 1246-1256.	1.2	24
56	Characteristics of a manganese-rich soil and metal accumulation in edible parts of plants in the region of Moanda, Gabon. African Journal of Agricultural Research Vol Pp, 2014, 9, 1952-1960.	0.2	0
57	Heavy metals accumulation in edible part of vegetables irrigated with untreated municipal wastewater in tropical savannah zone, Nigeria. African Journal of Environmental Science and Technology, 2014, 8, 460-463.	0.2	12
58	Lead, Cadmium and Nickel Accumulation in Some Common Spices Grown in Industrial Areas of Bangladesh. The Agriculturists, 2014, 12, 122-130.	0.3	11
59	Alternatives for remediation and decontamination of soils from Brazil. African Journal of Agricultural Research Vol Pp, 2014, 9, 3197-3204.	0.2	5
60	Beneficial and Negative Impacts on Soil by the Reuse of Treated/Untreated Municipal Wastewater for Agricultural Irrigation â€“ A Review of the Current Knowledge and Future Perspectives. , 2014, , .		3
61	Spatial variation of soil quality and pollution assessment of heavy metals in cultivated soils of Henan Province, China. Chemical Speciation and Bioavailability, 2014, 26, 184-190.	2.0	16
62	Comprehensive Assessment of Heavy Metal Contamination in Greenhouse Vegetables and Topsoils. Advanced Materials Research, 0, 955-959, 1045-1052.	0.3	0
63	Potential Risk Assessment of Metal Consumption in Food Crops Irrigated with Wastewater. Clean - Soil, Air, Water, 2014, 42, 1415-1422.	0.7	12
64	The Bioaccumulation and Physiological Effects of Heavy Metals in Carrots, Onions, and Potatoes and Dietary Implications for Cr and Ni: A Review. Journal of Food Science, 2014, 79, R765-80.	1.5	42
65	Evaluation of heavy metals contamination in Iranian foodstuffs: canned tomato paste and tomato sauce (ketchup). Food Additives and Contaminants: Part B Surveillance, 2014, 7, 74-78.	1.3	8
66	The Use of Vegetables in the Biomonitoring of Cadmium and Lead Pollution in the Environment. Critical Reviews in Analytical Chemistry, 2014, 44, 2-15.	1.8	19
67	Prospects and challenges for sustainable sanitation in developed nations: a critical review. Environmental Reviews, 2014, 22, 346-363.	2.1	25
68	Metal tolerance analysis of microfungi isolated from metal contaminated soil and waste water. Journal of Microbiology, Biotechnology and Food Sciences, 2014, 4, 63-66.	0.4	0
69	Zinc Accumulation in Leafy Vegetable Irrigated with Secondary Treated Wastewater under Soil and Soilless Culture. Applied Mechanics and Materials, 0, 699, 957-962.	0.2	0
70	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
71	Heavy metals in vegetables and the health risk to population in Zhejiang, China. Food Control, 2014, 36, 248-252.	2.8	142
72	Heavy Metals Bioconcentration from Soil to Vegetables and Assessment of Health Risk Caused by Their Ingestion. Biological Trace Element Research, 2014, 157, 256-265.	1.9	84

#	Article	IF	Citations
73	Toxic metal contamination and distribution in soils and plants of a typical metallurgical industrial area in southwest of China. Environmental Earth Sciences, 2014, 72, 2101-2109.	1.3	13
74	Mechanism of simultaneous removal of Ca2+, Ni2+, Pb2+ and Al3+ ions from aqueous solutions using PuroliteÂ® S930 ion exchange resin. Comptes Rendus Chimie, 2014, 17, 496-502.	0.2	21
75	Heavy metal pollution in mineâ€“soilâ€“plant system in S. Francisco de Assis â€“ Panasqueira mine (Portugal). Applied Geochemistry, 2014, 44, 12-26.	1.4	108
77	Comparative Effect of Two Different Types of Phosphate on Cadmium Uptake by Radish (<i>Raphanus) Tj ETQq1 1 0.784314 rgBT /Ov Analysis, 2014, 45, 1133-1148.	0.6	5
78	Impact of treated municipal wastewater irrigation on turnip (Brassica rapa). Journal of Plant Interactions, 2014, 9, 200-211.	1.0	5
79	Contamination status and health risk assessment of trace elements in foodstuffs collected from the Buriganga River embankments, Dhaka, Bangladesh. International Journal of Food Contamination, 2014, 1, .	2.2	26
80	Uptake and Translocation of Metals in Different Parts of Crop Plants Irrigated with Contaminated Water from DEPZ Area of Bangladesh. Bulletin of Environmental Contamination and Toxicology, 2014, 92, 726-732.	1.3	27
81	Irrigational impact of distillery effluent on Abelmoschus esculentus L. Okra with special reference to heavy metals. Environmental Monitoring and Assessment, 2014, 186, 4169-4179.	1.3	5
82	Metals content of soil, leaves and wild fruit from Serbia. Open Chemistry, 2014, 12, 1144-1151.	1.0	4
83	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.	1.3	55
84	Concentration and health risk evaluation of heavy metals in market-sold vegetables and fishes based on questionnaires in Beijing, China. Environmental Science and Pollution Research, 2014, 21, 11401-11408.	2.7	21
85	Geochemical evaluation of land quality in China and its applications. Journal of Geochemical Exploration, 2014, 139, 122-135.	1.5	48
86	Assessment of Heavy Metal Contamination of Agricultural Soil Around Dhaka Export Processing Zone (DEPZ), Bangladesh. , 2014, , 221-246.		1
87	The use of Constructed Wetlands in Produce Water Treatment; an Option for the Oil and Gas Industry. , 2014, , .		0
88	Geochemistry of sediments and water with a health risk assessment of heavy metal contaminated vegetables grown in Dhapa, a waste disposal site in Kolkata, India. World Review of Science, Technology and Sustainable Development, 2014, 11, 248.	0.3	3
89	Structural Evolution of Nanoscale Zero-Valent Iron (nZVI) in Anoxic Co2+ Solution: Interactional Performance and Mechanism. Scientific Reports, 2015, 5, 13966.	1.6	20
90	Assessment of the irrigation feasibility of low-cost filtered municipal wastewater for red amaranth (Amaranthus tricolor L cv. Surma). International Soil and Water Conservation Research, 2015, 3, 239-252.	3.0	12
91	Heavy Metal Contamination of Soil, Irrigation Water and Vegetables in Periâ€Urban Agricultural Areas and Markets of Delhi. Water Environment Research, 2015, 87, 2027-2034.	1.3	61

#	Article	IF	Citations
92	Evaluation of Lead in Arable Soils, China. Clean - Soil, Air, Water, 2015, 43, 1232-1240.	0.7	13
93	Heavy Metal Contaminants Removal from Wastewater Using the Potential Filamentous Fungi Biomass: A Review. Journal of Microbial & Biochemical Technology, 2015, 07, .	0.2	185
94	Quantitative Determination of the Heavy Metal Levels in the Wild Edible Plant Parts and their Corresponding Soils of the Central and Western Regions of the Oromia State, Ethiopia. , 2015, 05, .		5
95	HEAVY METAL POLLUTION OF AGRICULTURAL SOILS AND VEGETABLES OF BHAKTAPUR DISTRICT, NEPAL. Scientific World, 2015, 12, 48-55.	0.1	20
96	Comparative Assessment of Heavy Metals in Drinking Water Sources in Two Small-Scale Mining Communities in Northern Ghana. International Journal of Environmental Research and Public Health, 2015, 12, 10620-10634.	1.2	103
97	Heavy metals concentration in soil and Amaranthus retroflexus grown on irrigated farmlands in the Makera Area, Kaduna, Nigeria. Journal of Geography and Regional Planning, 2015, 8, 210-217.	0.2	17
98	Determination of Five Heavy Metals in White Yam (Dioscorea Rotundata) and Three- Leaved Yam (Dioscorea Dumetorum) from Farms in Khana, Rivers State. Environment and Pollution, 2015, 4, .	0.2	2
99	Assessment of Heavy Metals in Some Vegetables Sold in Urban Open Markets of Kathmandu Valley. Nepal Journal of Science and Technology, 2015, 15, 39-44.	0.1	0
100	Socio-economic background of wastewater irrigation and bioaccumulation of heavy metals in crops and vegetables. Agricultural Water Management, 2015, 158, 26-34.	2.4	56
101	The effect of pumice on reduction of cadmium uptake by spinach irrigated with wastewater. Ecohydrology and Hydrobiology, 2015, 15, 208-214.	1.0	9
102	Farmyard manures: the major agronomic sources of heavy metals in the Philippi Horticultural Area in the Western Cape Province of South Africa. Environmental Monitoring and Assessment, 2015, 187, 708.	1.3	9
103	Metals Uptake by Wastewater Irrigated Vegetables and their Daily Dietary Intake in Peshawar, Pakistan / Pobieranie Metali Przez Warzywa Nawadniane Åšciekami I Ich Dzienne StÄ™Å¼enie W Diecie LudnoÅ›ci Peszawaru, Pakistan. Ecological Chemistry and Engineering S, 2015, 22, 125-139.	0.3	10
104	Wild Edible Vegetables of Lesser Himalayas. , 2015, , .		23
105	Early response of wheat seminal roots growing under copper excess. Plant Physiology and Biochemistry, 2015, 87, 115-123.	2.8	21
106	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.	1.7	8
107	Mortality analysis on wastewater exposure in Shijiazhuang, Hebei, China, from 2007 to 2011. International Journal of Environmental Health Research, 2015, 25, 214-227.	1.3	12
108	Determination of Lead, Copper, and Iron in Cosmetics, Water, Soil, and Food Using Polyhydroxybutyrate-B-polydimethyl Siloxane Preconcentration and Flame Atomic Absorption Spectrometry. Analytical Letters, 2015, 48, 1163-1179.	1.0	46
109	Implications of leading crop production practices on environmental quality and human health. Journal of Environmental Management, 2015, 151, 267-279.	3.8	97

#	Article	IF	Citations
110	Growth, survival, and heavy metal (Cd and Ni) uptake of spinach (Spinacia oleracea) and fenugreek (Trigonella corniculata) in a biocharâ€amended sewageâ€irrigated contaminated soil. Journal of Plant Nutrition and Soil Science, 2015, 178, 209-217.	1.1	68
111	Heavy metals in the irrigation water, soils and vegetables in the Philippi horticultural area in the Western Cape Province of South Africa. Environmental Monitoring and Assessment, 2015, 187, 4085.	1.3	27
112	Evaluation of the Suitability of Sewage and Recycled Water for Irrigation of Ornamental Plants. Communications in Soil Science and Plant Analysis, 2015, 46, 62-79.	0.6	12
113	Growth and accumulation of heavy metals in turnip (Brassica rapa) irrigated with different concentrations of treated municipal wastewater. Hydrology Research, 2015, 46, 60-71.	1.1	30
114	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.	2.7	600
115	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.	1.9	19
116	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.	1.3	51
117	Accumulation of heavy metals in the vegetables grown in wastewater irrigated areas of Dehradun, India with reference to human health risk. Environmental Monitoring and Assessment, 2015, 187, 445.	1.3	60
118	Influence of municipal wastewater on rice seed germination, seedling performance, nutrient uptake, and chlorophyll content. Journal of Crop Science and Biotechnology, 2015, 18, 9-19.	0.7	22
119	Heavy metal accumulation in soils, plants, and hair samples: an assessment of heavy metal exposure risks from the consumption of vegetables grown on soils previously irrigated with wastewater. Environmental Science and Pollution Research, 2015, 22, 18456-18468.	2.7	50
120	Cadmium Remediation by Arbuscular Mycorrhizal Fungusâ€“Colonized Celery Plants Supplemented with Ethylenediaminetetraacetic Acid. Bioremediation Journal, 2015, 19, 188-200.	1.0	6
121	Estimated daily intake and health risk of heavy metals by consumption of milk. Food Additives and Contaminants: Part B Surveillance, 2015, 8, 1-6.	1.3	22
122	A multivariate assessment of innate immune-related gene expressions due to exposure to low concentration individual and mixtures of four kinds of heavy metals on zebrafish (Danio rerio) embryos. Fish and Shellfish Immunology, 2015, 47, 1032-1042.	1.6	32
123	Lead, cadmium, arsenic and mercury in canned tuna fish marketed in Tehran, Iran. Food Additives and Contaminants: Part B Surveillance, 2015, 8, 93-98.	1.3	41
124	Environmental Monitoring of Heavy Metal Status and Human Health Risk Assessment in the Agricultural Soils of the Jinxi River Area, China. Human and Ecological Risk Assessment (HERA), 2015, 21, 952-971.	1.7	33
125	Food Safety Challengesâ€”A Pakistan's Perspective. Critical Reviews in Food Science and Nutrition, 2015, 55, 219-226.	5.4	52
126	Phytoremediation: role of terrestrial plants and aquatic macrophytes in the remediation of radionuclides and heavy metal contaminated soil and water. Environmental Science and Pollution Research, 2015, 22, 946-962.	2.7	176
127	Response of Pumpkin and Chinese Cabbage to Increasing Copper and Cobalt Levels in Irrigation Water on Sandy and Clay Loam Soils. Journal of Agricultural Science, 2016, 8, 98.	0.1	0

#	Article	IF	Citations
128	STUDY OF EDC/NHS IMMOBILIZATION FOR PLUMBOUS DETECTION USING SURFACE PLASMON RESONANCE. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.3	0
129	Fertigation of Brassica rapa L. using treated landfill leachate as a nutrient recycling option. South African Journal of Science, 2016, 112, 8.	0.3	2
130	Heavy Metals, Phosphates and Nitrates Levels in Vegetables: A Case Study of Kitale Municipality, Trans-Nzoia County, Kenya. SSRN Electronic Journal, 2016, , .	0.4	0
131	Concentrations of Some Trace Elements in Vegetables Sold at Maun Market, Botswana. Journal of Food Research, 2016, 6, 69.	0.1	7
132	Health Risk Assessment of Heavy Metals in Irrigated Agricultural Crops, Elâ€Šaff Wastewater Canal, Egypt. Clean - Soil, Air, Water, 2016, 44, 1174-1183.	0.7	14
133	Flotation-Assisted Homogenous Liquidâ€“Liquid Microextraction for Determination of Cadmium in Vegetables. International Journal of Vegetable Science, 2016, 22, 266-273.	0.6	8
134	Levels and potential health risk of heavy metals in marketed vegetables in Zhejiang, China. Scientific Reports, 2016, 6, 20317.	1.6	78
135	Speciation and bioavailability of some heavy metals in agricultural soils used for cultivating various vegetables in Bedugul, Bali. AIP Conference Proceedings, 2016, , .	0.3	0
136	Characterization of cadmium biosorption by Exiguobacterium sp. isolated from farmland soil near Cu-Pb-Zn mine. Environmental Science and Pollution Research, 2016, 23, 11814-11822.	2.7	65
137	Comparative Transcriptome Analysis between Low- and High-Cadmium-Accumulating Genotypes of Pakchoi (Brassica chinensis L.) in Response to Cadmium Stress. Environmental Science & Technology, 2016, 50, 6485-6494.	4.6	167
138	Assessment of Trace Metals in Soil, Vegetation and Rodents in Relation to Metal Mining Activities in an Arid Environment. Bulletin of Environmental Contamination and Toxicology, 2016, 97, 44-49.	1.3	12
139	Possibilities of low-power X-ray fluorescence spectrometry methods for rapid multielemental analysis and imaging of vegetal foodstuffs. Journal of Food Composition and Analysis, 2016, 50, 1-9.	1.9	37
140	Experimental study on copper uptake capacity in the Mediterranean mussel (Mytilus galloprovincialis). Environmental Science and Pollution Research, 2016, 23, 10983-10989.	2.7	14
141	Heavy metals in vegetables: screening health risks involved in cultivation along wastewater drain and irrigating with wastewater. SpringerPlus, 2016, 5, 488.	1.2	55
142	Studies on adsorption behavior of Cu (II) and Cd (II) onto aminothiophene derivatives of Styrene Maleic anhydride copolymer. Journal of the Taiwan Institute of Chemical Engineers, 2016, 64, 325-335.	2.7	12
143	Sowing Seeds in the City. , 2016, , .		4
144	Accumulation and potential health risks of cadmium, lead and arsenic in vegetables grown near mining sites in Northern Vietnam. Environmental Monitoring and Assessment, 2016, 188, 525.	1.3	47
145	Impact of textile sludge on the growth of red amaranth (Amaranthus gangeticus). International Journal of Recycling of Organic Waste in Agriculture, 2016, 5, 163-172.	2.0	15

#	Article	IF	Citations
146	Impact of CaO, fly ash, sulfur and Na2S on the (im)mobilization and phytoavailability of Cd, Cu and Pb in contaminated soil. Ecotoxicology and Environmental Safety, 2016, 134, 116-123.	2.9	80
147	Quantitative assessment of possible human health risk associated with consumption of arsenic contaminated groundwater and wheat grains from Ropar Wetand and its environs. Environmental Monitoring and Assessment, 2016, 188, 506.	1.3	55
148	Bioaccumulation of heavy metals in crop plants grown near Almeda Textile Factory, Adwa, Ethiopia. Environmental Monitoring and Assessment, 2016, 188, 500.	1.3	24
149	Evaluating heavy metal accumulation and potential health risks in vegetables irrigated with treated wastewater. Chemosphere, 2016, 163, 54-61.	4.2	152
150	Multivariate analyses of heavy metal contamination in vegetables and fruits in the vicinity of some industrial areas of the Punjab. Acta Horticulturae, 2016, , 159-178.	0.1	0
151	Assessing the concentration and potential health risk of heavy metals in China's main deciduous fruits. Journal of Integrative Agriculture, 2016, 15, 1645-1655.	1.7	24
152	Health hazards and heavy metals accumulation by summer squash (Cucurbita pepo L.) cultivated in contaminated soils. Environmental Monitoring and Assessment, 2016, 188, 434.	1.3	31
153	Heavy metals bioaccumulation in Berseem (Trifolium alexandrinum) cultivated in areas under intensive agriculture, Punjab, India. SpringerPlus, 2016, 5, 173.	1.2	36
154	Enhanced phytoremediation of cadmium polluted water through two aquatic plants Veronica anagallis-aquatica and Epilobium laxum. Environmental Science and Pollution Research, 2016, 23, 17715-17729.	2.7	13
155	Bioaccumulation of Trace Metals in Selected Plants within Amin Bazar Landfill Site, Dhaka, Bangladesh. Environmental Processes, 2016, 3, 179-194.	1.7	20
156	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.	2.5	17
157	Risk Assessment of Some Selected Vegetables Grown in Metal Contaminated Soil Supplements. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2016, 86, 585-593.	0.4	4
158	Evaluation of metals in the residue of paper sludge after recovery of pulp components using an ionic liquid. Journal of Material Cycles and Waste Management, 2016, 18, 215-221.	1.6	3
159	Metal Distribution and Contamination Assessment in Drainage Ditch Water in the Main Rice/Vegetable Area of Sichuan Hilly Basin. Bulletin of Environmental Contamination and Toxicology, 2016, 96, 248-253.	1.3	12
160	Monitoring of Lead (Pb) Pollution in Soils and Plants Irrigated with Untreated Sewage Water in Some Industrialized Cities of Punjab, India. Bulletin of Environmental Contamination and Toxicology, 2016, 96, 443-448.	1.3	7
161	Fly ash zeolites for water treatment applications. Journal of Environmental Chemical Engineering, 2016, 4, 1460-1472.	3.3	168
162	Accumulation of metals and metalloids in radish (Raphanus sativus L.) and spinach (Spinacea) Tj ETQq0 0 0 rgBT /Overlock 10 Human and Ecological Risk Assessment (HERA), 2016, 22, 15-27.	1.7	4
163	Salicylic acid alleviates the toxicity of cadmium on seedling growth, amylases and phosphatases activity in germinating barley seeds. Archives of Agronomy and Soil Science, 2016, 62, 892-904.	1.3	27

#	Article	IF	Citations
164	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.	1.7	87
165	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.	1.7	16
166	Nanosized spongelike Mn3O4 as an adsorbent for preconcentration by vortex assisted solid phase extraction of copper and lead in various food and herb samples. Food Chemistry, 2016, 194, 463-469.	4.2	54
167	Risk assessment of heavy metal toxicity through contaminated vegetable from sewage water: Implications for populace health. Human and Ecological Risk Assessment (HERA), 2016, 22, 302-311.	1.7	14
168	Calcium and L-histidine interaction on nutrients accumulation in three tomato cultivars under nickel stress. Journal of Plant Nutrition, 2016, 39, 628-642.	0.9	3
169	Evaluation of metal accumulation in soil and tomatoes irrigated with sewage water from Mysore city, Karnataka, India. Journal of the Saudi Society of Agricultural Sciences, 2017, 16, 49-59.	1.0	62
170	Analysis of soil characteristics of different land uses and metal bioaccumulation in wheat grown around rivers: possible human health risk assessment. Environment, Development and Sustainability, 2017, 19, 571-588.	2.7	22
171	Health risk assessment of potentially harmful elements and dietary minerals from vegetables irrigated with untreated wastewater, Pakistan. Environmental Geochemistry and Health, 2017, 39, 707-728.	1.8	38
172	Potential Health Benefits and Metabolomics of Camel Milk by GC-MS and ICP-MS. Biological Trace Element Research, 2017, 175, 322-330.	1.9	36
173	Investigation of trace metals distribution in water, sediments and wetland plants of KÄ±zÄ±lÄ±rmak Delta, Turkey. International Journal of Sediment Research, 2017, 32, 90-97.	1.8	22
174	Selective removal Pb(<scp>ii</scp>) ions form wastewater using Pb(<scp>ii</scp>) ion-imprinted polymers with bi-component polymer brushes. RSC Advances, 2017, 7, 25811-25820.	1.7	26
175	Determination of Cu, Zn and Cd in Soil, Water and Food Products in the Vicinity of RMG Gold and Copper Mine, Kazreti, Georgia. Annals of Agrarian Science, 2017, 15, 269-272.	1.2	24
176	Accumulation of heavy metals in soil-crop systems: a review for wheat and corn. Environmental Science and Pollution Research, 2017, 24, 15209-15225.	2.7	120
177	Adsorption of heavy metals on a complex Al-Si-O bearing mineral system: Insights from theory and experiments. Separation and Purification Technology, 2017, 186, 28-38.	3.9	27
178	Heavy metals bioconcentration from soil to vegetables and appraisal of health risk in Koka and Wonji farms, Ethiopia. Environmental Science and Pollution Research, 2017, 24, 11807-11815.	2.7	18
179	Soil heavy metal contamination and health risks associated with artisanal gold mining in Tongguan, Shaanxi, China. Ecotoxicology and Environmental Safety, 2017, 141, 17-24.	2.9	305
180	Flame Atomic Absorption Spectrometric Determination of Cadmium in Vegetable and Water Samples After Preconcentration Using Magnetic Solid-Phase Extraction. International Journal of Vegetable Science, 2017, 23, 304-320.	0.6	14
181	Health risk assessment and growth characteristics of wheat and maize crops irrigated with contaminated wastewater. Environmental Monitoring and Assessment, 2017, 189, 535.	1.3	47

#	Article	IF	Citations
183	Yield and Heavy Metal Content of Wastewater-Irrigated Cauliflower and Soil Chemical Properties. Communications in Soil Science and Plant Analysis, 2017, 48, 1194-1211.	0.6	7
184	Expression analysis of metallothioneins and mineral contents in tomato (Lycopersicon) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5C 1916-1923.	1.7	19
185	Effects of mulching accumulator straw on growth and cadmium accumulation of Cyphomandra betacea seedlings. Environmental Progress and Sustainable Energy, 2017, 36, 366-371.	1.3	13
186	Concentration of heavy metals in Iranian market rice and associated population health risk. Quality Assurance and Safety of Crops and Foods, 2017, 9, 249-254.	1.8	9
187	Impact of Potentially Contaminated River Water on Agricultural Irrigated Soils in an Equatorial Climate. Agriculture (Switzerland), 2017, 7, 52.	1.4	28
188	Elemental composition of vegetables cultivated over coal-mining waste. Anais Da Academia Brasileira De Ciencias, 2017, 89, 2383-2398.	0.3	8
189	Interactions between plant hormones and heavy metals responses. Genetics and Molecular Biology, 2017, 40, 373-386.	0.6	325
190	Safety Evaluation of Potential Toxic Metals Exposure from Street Foods Consumed in Mid-West Nigeria. Journal of Environmental and Public Health, 2017, 2017, 1-8.	0.4	27
191	Impact of Wastewater on Surface Water Quality in Developing Countries: A Case Study of South Africa. , 0, , .		125
192	Proximate Composition, Amino and Fatty Acid Profiles and Element Compositions of Four Different Moringa Species. Journal of Agricultural Science, 2017, 9, 46.	0.1	18
193	Phytoremediation: An Environmental Friendly Technique - A Review. Journal of Environmental Analytical Chemistry, 2017, 04, .	0.3	21
194	Contemporary Status of Heavy Metal Contamination in Soils Affected by Tannery Activities, Ranipet, North India. Oriental Journal of Chemistry, 2017, 33, 3092-3100.	0.1	3
195	Health Risk Assessment of Vegetables Grown on the Contaminated Soils in Daye City of Hubei Province, China. Sustainability, 2017, 9, 2141.	1.6	17
196	Occurrence of trace metals in foodstuffs and their health impact. Trends in Food Science and Technology, 2018, 75, 36-45.	7.8	204
197	Temporal distribution, source apportionment, and pollution assessment of metals in the sediments of Beas river, India. Human and Ecological Risk Assessment (HERA), 2018, 24, 2162-2181.	1.7	55
198	Soil quality index for cacao cropping systems. Archives of Agronomy and Soil Science, 2018, 64, 1892-1909.	1.3	10
199	Major and trace elements in Boletus aereus and Clitopilus prunulus growing on volcanic and sedimentary soils of Sicily (Italy). Ecotoxicology and Environmental Safety, 2018, 157, 182-190.	2.9	18
200	Heavy metal contamination in soil, food crops and associated health risks for residents of Ropar wetland, Punjab, India and its environs. Food Chemistry, 2018, 255, 15-22.	4.2	163

#	Article	IF	Citations
201	Concentrations of arsenic and lead in rice (Oryza sativa L.) in Iran: A systematic review and carcinogenic risk assessment. Food and Chemical Toxicology, 2018, 113, 267-277.	1.8	107
202	Green synthesis with enhanced magnetization and life cycle assessment of Fe 3 O 4 nanoparticles. Environmental Nanotechnology, Monitoring and Management, 2018, 9, 58-66.	1.7	33
203	Nanomaterial-based optical chemical sensors for the detection of heavy metals in water: Recent advances and challenges. TrAC - Trends in Analytical Chemistry, 2018, 100, 155-166.	5.8	216
204	Metal accumulation in Raphanus sativus and Brassica rapa: an assessment of potential health risk for inhabitants in Punjab, Pakistan. Environmental Science and Pollution Research, 2018, 25, 16676-16685.	2.7	17
205	Spatial analysis, source identification and risk assessment of heavy metals in a coal mining area in Henan, Central China. International Biodeterioration and Biodegradation, 2018, 128, 148-154.	1.9	53
206	Awareness of the Foodâ€“Energyâ€“Water Nexus and Public Policy Support in the United States: Public Attitudes Among the American People. Environment and Behavior, 2018, 50, 375-400.	2.1	32
207	The impact of textile wastewater irrigation on the growth and development of apple plant. International Journal of Phytoremediation, 2018, 20, 153-160.	1.7	2
208	Arsenic and Boron Levels in Irrigation Water, Soil, and Green Leafy Vegetables. International Journal of Vegetable Science, 2018, 24, 115-121.	0.6	14
209	Comparative analysis of tissue compartmentalized heavy metal uptake by common forage crop: A field experiment. Catena, 2018, 160, 185-193.	2.2	48
210	Ecological risk assessment of metals in roadside agricultural soils: A modified approach. Human and Ecological Risk Assessment (HERA), 2018, 24, 186-201.	1.7	23
211	Heavy metals in common food items in Kolkata, India. Euro-Mediterranean Journal for Environmental Integration, 2018, 3, 1.	0.6	17
212	Strontium in the Ecosystem: Transfer in Plants via Root System. , 2018, , 1-18.		5
213	A health risk assessment of heavy metals in people consuming Sohan in Qom, Iran. Toxin Reviews, 2018, 37, 278-286.	1.5	50
214	Risk assessment of heavy metals pollution at Zagazig University, Zagazig, Egypt. International Journal of Environmental Science and Technology, 2018, 15, 1393-1410.	1.8	5
215	Health risk assessment of trace metals from spinach grown on compost-amended soil. International Journal of Phytoremediation, 2018, 20, 1330-1336.	1.7	5
216	The use of particle-induced X-ray emission (PIXE) technique in the biomonitoring of catarinense coal basin ecosystems: a review. International Journal of PIXE, 2018, 28, 51-59.	0.4	2
217	Agronanobiotechnologies to Improve the Water Quality in Irrigation Systems. , 2018, , 141-157.		0
218	Effect of brewery effluent on the anatomical and morphological structure of Talinum triangulare (Jacq) Willd. African Journal of Plant Science, 2018, 12, 290-298.	0.4	2

#	Article	IF	Citations
219	The concentration data of heavy metals in vegetables of Guilan province, Iran. Data in Brief, 2018, 21, 1704-1708.	0.5	12
220	Evaluation of the potential of Erodium glaucophyllum L. for phytoremediation of metal-polluted arid soils. Environmental Science and Pollution Research, 2018, 25, 36636-36644.	2.7	13
221	A systematic risk characterization related to the dietary exposure of the population to potentially toxic elements through the ingestion of fruit and vegetables from a potentially contaminated area. A case study: The issue of the "Land of Fires" area in Campania region, Italy. Environmental Pollution, 2018, 243, 1781-1790.	3.7	44
222	Effect of brewery spent diatomite sludge on trace metal availability in soil and uptake by wheat crop, and trace metal risk on human health through the consumption of wheat grain. Heliyon, 2018, 4, e00783.	1.4	10
223	Heavy metal contamination of some vegetables from pesticides and the potential health risk in Bauchi, northern Nigeria. AFRREV STECH an International Journal of Science and Technology, 2018, 7, 1-11.	0.1	7
224	Evaluation of heavy metalsâ€™ health risk index in vegetable amaranth and sunflower: a case study of some selected areas in Kano state Nigeria. Bayero Journal of Pure and Applied Sciences, 2018, 10, 204.	0.1	0
225	Heavy metals in vegetables and their impact on the nutrient quality of vegetables: A review. Journal of Plant Nutrition, 2018, 41, 1744-1763.	0.9	87
226	Microbial community and heavy metals content in soils along the Curu River in CearÃ¡, Brazil. Geoderma Regional, 2018, 14, e00173.	0.9	7
227	Analysis of Genotoxicity of Agricultural Soils and Metal (Fe, Mn, and Zn) Accumulation in Crops. International Journal of Environmental Research, 2018, 12, 439-449.	1.1	16
228	Throwing it out: Introducing a nexus perspective in examining citizen perceptions of organizational food waste in the U.S.. Environmental Science and Policy, 2018, 88, 63-71.	2.4	18
229	Heavy metal accumulation in leafy vegetables grown in industrial areas under varying levels of pollution. Bangladesh Journal of Agricultural Research, 2018, 43, 39-51.	0.0	12
230	Accumulation characteristics and potential risk of PAHs in vegetable system grow in home garden under straw burning condition in Jilin, Northeast China. Ecotoxicology and Environmental Safety, 2018, 162, 647-654.	2.9	33
231	Heavy metal accumulation in vegetable species and health risk assessment in Serbia. Environmental Monitoring and Assessment, 2018, 190, 459.	1.3	51
232	In situ phytoremediation of dyes from textile wastewater using garden ornamental plants, effect on soil quality and plant growth. Chemosphere, 2018, 210, 968-976.	4.2	127
233	Assessment of trace metals in five most-consumed vegetables in the US: Conventional vs. organic. Environmental Pollution, 2018, 243, 292-300.	3.7	42
234	Human health risks from consuming cabbage (Brassica oleraceaL. var.capitata) grown on wastewater irrigated soil. International Journal of Phytoremediation, 2018, 20, 1007-1016.	1.7	16
235	Influence of Natural Plant Extracts in Reducing Soil and Water Contaminants. Handbook of Environmental Chemistry, 2018, , 161-188.	0.2	2
236	Heavy Metal Contamination of Irrigation Water, Soil, and Vegetables in a Multi-industry District of Bangladesh. International Journal of Environmental Research, 2018, 12, 531-542.	1.1	47

#	Article	IF	Citations
237	Health risk assessment of heavy metals content in cocoa and chocolate products sold in Saudi Arabia. Toxin Reviews, 2019, 38, 318-327.	1.5	14
238	Extraction and determination of heavy metals in soil and vegetables irrigated with treated municipal wastewater using new mode of dispersive liquidâ€“liquid microextraction based on the solidified deep eutectic solvent followed by GFAAS. Journal of the Science of Food and Agriculture, 2019, 99, 656-665.	1.7	96
239	Effect of treated wastewater irrigation in East Central region of Tunisia (Monastir governorate) on the biochemical and transcriptomic response of earthworms Eisenia andrei. Science of the Total Environment, 2019, 647, 1245-1255.	3.9	22
240	Heavy metal phytoremediation of a poplar clone in a contaminated soil in southern Italy. Journal of Chemical Technology and Biotechnology, 2020, 95, 940-949.	1.6	37
241	Assessment of pollution in roadside soils by using multivariate statistical techniques and contamination indices. SN Applied Sciences, 2019, 1, 1.	1.5	19
242	Trace Metal Accumulation in Trigonella foenum-graecum Irrigated with Wastewater and Human Health Risk of Metal Access Through the Consumption. Bulletin of Environmental Contamination and Toxicology, 2019, 103, 468-475.	1.3	31
243	Accumulation and re-release of metallic pollutants during drinking water distribution and health risk assessment. Environmental Science: Water Research and Technology, 2019, 5, 1371-1379.	1.2	13
244	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.	2.4	48
245	Heavy metal accumulation in tomato and cabbage grown in some industrially contaminated soils of Bangladesh. Journal of the Bangladesh Agricultural University, 2019, 17, 288-294.	0.1	6
246	Poly(aspartic acid) Electrospun Nanofiber Hydrogel Membrane-Based Reusable Colorimetric Sensor for Cu(II) and Fe(III) Detection. ACS Omega, 2019, 4, 14633-14639.	1.6	37
247	Preparation of Chitosan Stacking Membranes for Adsorption of Copper Ions. Polymers, 2019, 11, 1463.	2.0	22
248	Hazardous heavy metals contamination of vegetables and food chain: Role of sustainable remediation approaches - A review. Environmental Research, 2019, 179, 108792.	3.7	309
249	Molecular dynamics simulation of electric field driven water and heavy metals transport through fluorinated carbon nanotubes. Journal of Molecular Liquids, 2019, 278, 658-671.	2.3	20
250	Suitability of aromatic plants for phytoremediation of heavy metal contaminated areas: a review. International Journal of Phytoremediation, 2019, 21, 405-418.	1.7	101
251	Risk of Metal Contamination in Agriculture Crops by Reuse of Wastewater: An Ecological and Human Health Risk Perspective. , 2019, , 55-79.		6
252	Predicting Mechanistic Detachment Model due to Lead-Contaminated Soil Treated with Iraqi Stabilizers. KSCE Journal of Civil Engineering, 2019, 23, 2898-2907.	0.9	17
253	Environmental Applications of Diatomite Minerals in Removing Heavy Metals from Water. Industrial & Engineering Chemistry Research, 2019, 58, 11638-11652.	1.8	66
254	Identification and characterisation of heavy metals in farmland soil of Hunchun basin. Environmental Earth Sciences, 2019, 78, 1.	1.3	20

#	Article	IF	Citations
256	Correlates of Foodâ€“Energyâ€“Water Nexus Awareness Among the American Public*. Social Science Quarterly, 2019, 100, 762-778.	0.9	9
257	Heavy Metal Contamination of Irrigation Water, Soil, and Vegetables and the Difference between Dry and Wet Seasons Near a Multi-Industry Zone in Bangladesh. Water (Switzerland), 2019, 11, 583.	1.2	57
258	Concentration, Distribution, and Potential Aquatic Risk Assessment of Metals in Water from Chott Merouane (Ramsar Site), Algeria. Archives of Environmental Contamination and Toxicology, 2019, 77, 127-143.	2.1	11
259	Heavy metal mediated phytotoxic impact on winter wheat: oxidative stress and microbial management of toxicity byBacillus subtilisBM2. RSC Advances, 2019, 9, 6125-6142.	1.7	44
260	Pollution assessment and source apportionment of selected metals in rural (Bagh) and urban (Islamabad) farmlands, Pakistan. Environmental Earth Sciences, 2019, 78, 1.	1.3	9
261	Comparativ e assessment of heavy metals in drinking water sources from Enyigba Community in Abakaliki Local Government Area, Ebonyi State, Nigeria. African Journal of Environmental Science and Technology, 2019, 13, 149-154.	0.2	10
262	DNA damage induced by wastewater from cocoa industry in two prokaryotic systems. International Journal of Environmental Studies, 2019, 76, 370-378.	0.7	2
263	High yield and nutritional quality of rice for animal feed achieved by continuous irrigation with treated municipal wastewater. Paddy and Water Environment, 2019, 17, 507-513.	1.0	14
264	Heavy metals in food crops: Health risks, fate, mechanisms, and management. Environment International, 2019, 125, 365-385.	4.8	1,135
265	Status, progress and challenges of phytoremediation - An African scenario. Journal of Environmental Management, 2019, 237, 365-378.	3.8	55
266	Prospects for Manipulation of Molecular Mechanisms and Transgenic Approaches in Aquatic Macrophytes for Remediation of Toxic Metals and Metalloids in Wastewaters. , 2019, , 395-428.		4
267	Toxicological assessment of Pb, Cd and Cr in lettuce and onion grown around Ellala River in Mekelle, Tigray, Ethiopia. Ethiopian Journal of Science and Technology, 2019, 11, 287.	0.2	1
268	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.	1.7	6
269	Particle-size dependent bactericidal activity of magnesium oxide against Xanthomonas perforans and bacterial spot of tomato. Scientific Reports, 2019, 9, 18530.	1.6	34
270	Accumulation of trace elements by corn (Zea mays) under irrigation with treated wastewater using different irrigation methods. Ecotoxicology and Environmental Safety, 2019, 170, 530-537.	2.9	44
271	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.	1.2	142
272	Trace elements in soil-vegetables interface: Translocation, bioaccumulation, toxicity and amelioration - A review. Science of the Total Environment, 2019, 651, 2927-2942.	3.9	253
273	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.	3.8	46

#	Article	IF	Citations
274	Ecological risk assessment and source apportionment of heavy metal contamination in agricultural soils of Northeastern Iran. International Journal of Environmental Health Research, 2019, 29, 544-560.	1.3	65
275	Biochemical and transcriptomic response of earthworms Eisenia andrei exposed to soils irrigated with treated wastewater. Environmental Science and Pollution Research, 2019, 26, 2851-2863.	2.7	18
276	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.	0.7	1
277	Mercury and other trace metals in lettuce (Lactuca sativa) grown with two low-salinity shrimp effluents: Accumulation and human health risk assessment. Science of the Total Environment, 2019, 650, 2535-2544.	3.9	24
278	Impact of irrigation with wastewater on accumulation of heavy metals in soil and crops in the region of Marrakech in Morocco. Journal of the Saudi Society of Agricultural Sciences, 2019, 18, 429-436.	1.0	111
279	Use of polymeric sub-micron ion-exchange resins for removal of lead, copper, zinc, and nickel from natural waters. Journal of Environmental Sciences, 2019, 75, 247-254.	3.2	44
280	Pollution assessment and spatial distribution of roadside agricultural soils: a case study from India. International Journal of Environmental Health Research, 2020, 30, 146-159.	1.3	42
281	Spatial distribution and potential ecological risk assessment of heavy metals in agricultural soils of Northeastern Iran. , 2020, 4, 87-103.		51
282	Effect of domestic sewage wastewater irrigation on nutritional and nutraceutical perspectives of Eleusine coracana and Zea mays (raw and processed) from selected semi-urban and rural areas of Coimbatore, Tamil Nadu. Human and Ecological Risk Assessment (HERA), 2020, 26, 2203-2224.	1.7	1
283	Trace elements determination and health risk assessment of Tricholoma matsutake from Yunnan Province, China. Journal Fur Verbraucherschutz Und Lebensmittelsicherheit, 2020, 15, 153-162.	0.5	4
284	Wastewater as a Non-conventional Resource: Impact of Trace Metals and Bacteria on Soil, Plants, and Human Health. Human and Ecological Risk Assessment (HERA), 2020, 26, 2245-2265.	1.7	3
285	Contamination of vegetables with heavy metals across the globe: hampering food security goal. Journal of Food Science and Technology, 2020, 57, 391-403.	1.4	33
286	Environmental pollution and environmental analysis. , 2020, , 1-36.		5
287	Translocation of potential toxic elements from soil to black cabbage (Brassica oleracea L.) growing in an abandoned mining district area of the Apuan Alps (Tuscany, Italy). Environmental Geochemistry and Health, 2020, 42, 2413-2423.	1.8	7
288	The pH effect on the detection of heavy metals in wastewater by laser-induced breakdown spectroscopy coupled with a phase transformation method. Journal of Analytical Atomic Spectrometry, 2020, 35, 198-203.	1.6	23
289	Floriculture: alternate non-edible plants for phyto-remediation of heavy metal contaminated soils. International Journal of Phytoremediation, 2020, 22, 725-732.	1.7	13
290	Contemporary Environmental Issues and Challenges in Era of Climate Change. , 2020, , .		8
291	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.	1.8	11

#	Article	IF	Citations
292	Health risk implications of lead, cadmium, zinc, and nickel for consumers of food items in Migori Gold mines, Kenya. Journal of Geochemical Exploration, 2020, 209, 106430.	1.5	16
293	Spatial distribution, pollution, and health risk assessment of heavy metal in agricultural surface soil for the Guangzhou-Foshan urban zone, South China. PLoS ONE, 2020, 15, e0239563.	1.1	24
294	Water Scarcity and Wastewater Reuse in Crop Irrigation. Sustainability, 2020, 12, 9055.	1.6	148
295	Simultaneous Multiplexed Detection of Protein and Metal Ions by a Colorimetric Microfluidic Paper-based Analytical Device. Biochip Journal, 2020, 14, 429-437.	2.5	19
296	Risk assessment of hazardous elements in wastewater irrigated soil and cultivated vegetables in Pakistan. Arabian Journal of Geosciences, 2020, 13, 1.	0.6	3
297	Efficacy of drip irrigation in controlling heavy-metal accumulation in soil and crop. Journal of Environmental Engineering and Science, 2021, 16, 109-121.	0.3	1
298	Trace elements exposure influences proximate body composition and antioxidant enzyme activities of the species tilapia and catfish in Burullus Lakeâ€"Egypt: human risk assessment for the consumers. Environmental Science and Pollution Research, 2020, 27, 43670-43681.	2.7	5
299	Accumulation of heavy metals and bacteriological indicators in spinach irrigated with further treated secondary wastewater. Heliyon, 2020, 6, e05241.	1.4	7
300	Heavy Metal Levels in Vegetables Cultivated in Pakistan Soil Irrigated with Untreated Wastewater: Preliminary Results. Sustainability, 2020, 12, 8891.	1.6	14
301	Determination of Copper in Quince Samples with a Matrix Matching Strategy Using Vortex Assisted Deep Eutectic Solvent-Based Emulsification Liquid Phase Microextraction â€“ Slotted Quartz Tube â€“ Flame Atomic Absorption Spectrometry. Analytical Letters, 2020, 53, 2748-2760.	1.0	8
302	Recent trends and research strategies for treatment of water and wastewater in India. , 2020, , 139-168.		1
303	Heavy Metal Contamination in Agricultural Soil, Food Crops and Associated Gastric Cancers Risks for Residents in S County of Hebei Province. IOP Conference Series: Earth and Environmental Science, 2020, 512, 012073.	0.2	0
304	Heavy metal uptake by wastewater irrigated potato plants grown on contaminated soil treated with hydrogel based amendments. Environmental Technology and Innovation, 2020, 19, 100952.	3.0	17
305	Influence of impressed current cathodic protection systems on chemical characteristics of underground water. Water Environment Research, 2020, 92, 2105-2111.	1.3	5
306	Impact of Soil Biochar Incorporation on the Uptake of Heavy Metals Present in Wastewater by Spinach Plants. Water, Air, and Soil Pollution, 2020, 231, 1.	1.1	11
307	Ecological Risk Assessment of Soil Heavy Metals and Pesticide Residues in Tea Plantations. Agriculture (Switzerland), 2020, 10, 47.	1.4	21
308	A study on the seasonal transfer of two metals from pasture to animals: health risk assessment. Environmental Science and Pollution Research, 2020, 27, 16339-16349.	2.7	7
309	Evaluation of nutrient status of kale and spinach as affected by sewage sludge and mineral fertilizers. Journal of Plant Nutrition, 2020, 43, 2633-2644.	0.9	7

#	Article	IF	Citations
310	A review on detection of heavy metals from aqueous media using nanomaterial-based sensors. Environmental Science and Pollution Research, 2021, 28, 58994-59002.	2.7	102
311	Impacts of Landscapes on Water Quality in A Typical Headwater Catchment, Southeastern China. Sustainability, 2020, 12, 721.	1.6	6
312	Geoassessment of heavy metals in rural and urban floodplain soils: health implications for consumers of Celosia argentea and Corchorus olitorius vegetables in Sagamu, Nigeria. Environmental Monitoring and Assessment, 2020, 192, 164.	1.3	9
313	Exposure risk assessment of nine metal elements in Chongqing hotpot seasoning. RSC Advances, 2020, 10, 1971-1980.	1.7	16
314	Levels of heavy metals in soil and vegetables and associated health risks in Mojo area, Ethiopia. PLoS ONE, 2020, 15, e0227883.	1.1	181
315	Breeding Crops for Enhanced Food Safety. Frontiers in Plant Science, 2020, 11, 428.	1.7	26
316	Effect of trace metals on growth performance and accumulation of lipids, proteins, and carbohydrates on the green microalga Scenedesmus obliquus. Aquaculture International, 2020, 28, 1435-1444.	1.1	14
317	Sentinel species for biomonitoring and biosurveillance of environmental heavy metals in Nigeria. Journal of Environmental Science and Health, Part C: Toxicology and Carcinogenesis, 2020, 38, 21-60.	0.4	16
318	Simultaneous removal of Cd(II) and As(III) by graphene-like biochar-supported zero-valent iron from irrigation waters under aerobic conditions: Synergistic effects and mechanisms. Journal of Hazardous Materials, 2020, 395, 122623.	6.5	174
319	Human health risk assessment of heavy metals from surface water of Chott Merouane, Algeria. International Journal of Environmental Analytical Chemistry, 2022, 102, 2177-2194.	1.8	6
320	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.	1.9	13
321	Effect of co-application of wastewater and freshwater on the physiological properties and trace element content in Raphanus sativus: soil contamination and human health. Environmental Geochemistry and Health, 2021, 43, 2393-2406.	1.8	20
322	Copper bioavailability, uptake, toxicity and tolerance in plants: A comprehensive review. Chemosphere, 2021, 262, 127810.	4.2	250
323	Heavy metals in agricultural soils developed on diverse parent materials in Cross River State, Nigeria. Archives of Agronomy and Soil Science, 2021, 67, 1375-1387.	1.3	3
324	Insights into nanomycoremediation: Secretomics and mycogenic biopolymer nanocomposites for heavy metal detoxification. Journal of Hazardous Materials, 2021, 409, 124541.	6.5	42
325	Mechanistic overview of metal tolerance in edible plants: A physiological and molecular perspective. , 2021, , 23-47.		8
326	Nanomaterial-based fluorescent sensors for the detection of lead ions. Journal of Hazardous Materials, 2021, 407, 124379.	6.5	70
327	Occurrence of heavy metal in water, soil, and plants in fields irrigated with industrial wastewater in Sabata town, Ethiopia. Environmental Science and Pollution Research, 2021, 28, 12382-12396.	2.7	31

#	Article	IF	Citations
328	Application of Spectroscopy Analysis Technology for Detecting the Heavy Metals in Aquatic Products. Optoelectronics, 2021, 11, 1-7.	0.0	0
329	Performance of metalâ€“organic frameworks in the electrochemical sensing of environmental pollutants. Journal of Materials Chemistry A, 2021, 9, 8195-8220.	5.2	135
330	Contamination of Arsenic, Chromium and Fluoride in the Indian groundwater: a review, meta-analysis and cancer risk assessment. International Journal of Environmental Science and Technology, 2021, 18, 2891-2902.	1.8	34
331	Effect of Distance of Sanitary Pits on the Microbial and Heavy Metal Levels in Hand Dug Well Water Samples Consumed by People Living in Akwuke, Enugu South Local Government Area of Enugu State. Journal of Water Resource and Protection, 2021, 13, 325-339.	0.3	0
332	Assessment of heavy metal pollution in the agricultural soils, plants, and in the atmospheric particulate matter of a suburban industrial region in Dhaka, Bangladesh. Environmental Monitoring and Assessment, 2021, 193, 104.	1.3	34
333	Heavy Metals Accumulation and Health Risk Consumption in Some Vegetables, Isfahan, Iran. Annals of Military and Health Sciences Research, 2021, 19, .	0.1	0
334	Determination of soil contamination sources in mining area using Zn/Cd ratios with mobile Cd. Environmental Geochemistry and Health, 2021, 43, 4061-4074.	1.8	8
335	Dual-channel responsive fluorescent sensor for the logic-controlled detection and bioimaging of Zn2+ and Hg2+. Journal of Molecular Liquids, 2021, 326, 115279.	2.3	18
337	Comparative Exposure Assessment of Potential Health Risks through the Consumption of Vegetables Irrigated by Freshwater/Wastewater: Gujranwala, Pakistan. Chemical Research in Toxicology, 2021, 34, 1417-1429.	1.7	8
338	Bioaccumulation of Heavy Metals in Lycopersicon Esculentum Grown with Tannery Sludge across Some Selected Farmlands in Dawakin Kudu LGA of Kano State, Nigeria. International Journal of Scientific Research in Science and Technology, 2021, , 251-257.	0.1	3
339	Accumulation of heavy metals and bacteriological contaminations in carrots and okra irrigated with tertiary wastewater. Environmental Quality Management, 2021, 30, 47-59.	1.0	2
340	Irrigation water of different sources affects fruit quality attributes and heavy metals contents of un-grafted and commercial mango cultivars. Journal of Environmental Management, 2021, 281, 111895.	3.8	20
341	Remote Investigation of Total Chromium Determination in Environmental Samples of the Kombolcha Industrial Zone, Ethiopia, Using Microfluidic Paper-based Analytical Devices. Analytical Sciences, 2021, 37, 585-592.	0.8	9
342	Evaluation of stabilizing material and stabilization efficiency through comparative study of toxic heavy metal transfer between corn and peanut grown in stabilized field soil. Environmental Pollution, 2021, 275, 116617.	3.7	4
343	Heavy metals assessment in water, soil, vegetables and their associated health risks via consumption of vegetables, District Kasur, Pakistan. SN Applied Sciences, 2021, 3, 1.	1.5	61
344	Smart Sensing with Edge Computing in Precision Agriculture for Soil Assessment and Heavy Metal Monitoring: A Review. Agriculture (Switzerland), 2021, 11, 475.	1.4	29
345	Identification and quantification of plasticizers, bisphenol, and environmental toxic mineral elements residues in medicines from Tunisian markets. Environmental Science and Pollution Research, 2021, 28, 50462-50470.	2.7	3
346	Mathematical Model to Simulate the Transfer of Heavy Metals from Soil to Plant. Sustainability, 2021, 13, 6157.	1.6	10

#	Article	IF	Citations
347	ASSESSMENT OF HEAVY METAL CONCENTRATION IN VEGETABLES DRIED ALONG FUNTUA-DANJA HIGHWAY KATSINA STATE, NIGERIA. FUDMA Journal of Sciences, 2021, 5, 467-471.	0.1	0
348	Appraisal of Health Risk Assessment of Potentially Toxic Metals in Edible Fruits in Ile-Ife, Nigeria. Chemistry Africa, 2021, 4, 895-904.	1.2	3
349	Health risk assessment of heavy metals (Hg, Pb, Cd, Cr and As) via consumption of vegetables cultured in agricultural sites in Arequipa, Peru. Chemical Data Collections, 2021, 33, 100723.	1.1	13
350	Spectroscopic study of Cu, Mn, Cd as heavy metals in agricultural samples. IOP Conference Series: Materials Science and Engineering, 2021, 1171, 012001.	0.3	1
351	Mineral Content, Chemical Analysis, In Vitro Antidiabetic and Antioxidant Activities, and Antibacterial Power of Aqueous and Organic Extracts of Moroccan Leopoldia comosa (L.) Parl. Bulbs. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-17.	0.5	10
352	Absorbance-based detection of arsenic in a microfluidic system with push-and-pull pumping. Microelectronic Engineering, 2021, 247, 111583.	1.1	3
353	Influence of Arsenic, Chromium, Mercury and Lead Concentrations in Irrigation Water on the Evolution of Heavy Metals Concentration in Soil. International Journal of Physics, 2021, 9, 211-217.	0.1	0
354	Human health risk assessment of heavy metals in agricultural soil and food crops in Hamadan, Iran. Journal of Food Composition and Analysis, 2021, 100, 103890.	1.9	64
355	Vegetables contamination by heavy metals and associated health risk to the population in Koka area of central Ethiopia. PLoS ONE, 2021, 16, e0254236.	1.1	22
356	Rhizosphere Microbial Communities and Heavy Metals. Microorganisms, 2021, 9, 1462.	1.6	85
357	Effect of Different Wastewater Irrigation Regimes on Growth of Mulberry (Morus macroura Miq.). Erwerbs-Obstbau, 2021, 63, 331-337.	0.5	13
358	Assessing the future trends of soil trace metal contents in French urban gardens. Environmental Science and Pollution Research, 2022, 29, 3900-3917.	2.7	6
359	Effect of hydrogel based soil amendments on heavy metal uptake by spinach grown with wastewater irrigation. Journal of Cleaner Production, 2021, 311, 127644.	4.6	20
360	Mineral Analysis, In Vitro Evaluation of Alpha-Amylase, Alpha-Glucosidase, and Beta-Galactosidase Inhibition, and Antibacterial Activities of Juglans regia L. Bark Extracts. BioMed Research International, 2021, 2021, 1-14.	0.9	14
361	The Carcinogenic and Non-Carcinogenic Health Risks of Metal(oid)s Bioaccumulation in Leafy Vegetables: A Consumption Advisory. Frontiers in Environmental Science, 2021, 9, .	1.5	25
362	PÄ°ÅžÄ°RME EKÄ°PMANI KAYNAKLI AÄžIR METALLERÄ°N TESPÄ°T EDÄ°LMESÄ°; NOHUT Ã–RNEÄžÄ°. Konya Journal of Engineering Sciences, 0, , 666-675.	0.1	0
363	Flexible copper-biopolymer nanocomposite sensors for trace level lead detection in water. Sensors and Actuators B: Chemical, 2021, 344, 130263.	4.0	31
364	Analysis and health risk assessment of heavy metals in some onion varieties. Arabian Journal of Chemistry, 2021, 14, 103364.	2.3	9

#	Article	IF	Citations
365	Recent advances in adsorptive removal of heavy metal and metalloid ions by metal oxide-based nanomaterials. Coordination Chemistry Reviews, 2021, 445, 214100.	9.5	131
366	Influence of sulfur amendments on heavy metals phytoextraction from agricultural contaminated soils: A meta-analysis. Environmental Pollution, 2021, 288, 117820.	3.7	37
367	Recent advances in the application of noble metal nanoparticles in colorimetric sensors for lead ions. Environmental Science: Nano, 2021, 8, 863-889.	2.2	36
368	Effects of brewery sludge on soil chemical properties, trace metal availability in soil and uptake by wheat crop, and bioaccumulation factor. Heliyon, 2021, 7, e05989.	1.4	6
369	Metal Levels in Wild Edible Vegetables. , 2015, , 169-235.		1
370	Effect of Industrial Pollution on Crop Productivity. , 2015, , 123-151.		3
371	Up on the Roof: Considerations for Food Production on Rooftops. , 2016, , 325-338.		5
372	A Comprehensive Evaluation of Heavy Metal Contamination in Foodstuff and Associated Human Health Risk: A Global Perspective. , 2020, , 33-63.		35
373	Potentially toxic elements concentrations and human health risk assessment of food crops in Bajaur Agency, Pakistan. Environmental Earth Sciences, 2017, 76, 1.	1.3	20
374	Urban kitchen gardens: Effect of the soil contamination and parameters on the trace element accumulation in vegetables â€“ A review. Science of the Total Environment, 2020, 738, 139569.	3.9	31
375	System dynamics and innovation in food networks. British Food Journal, 2009, 111, .	1.6	4
376	Spectroscopic Determination of Some Trace Elements as Pollutants in Fruit Dates Palm and Agricultural Soils at Zilfi Province. Science Journal of Analytical Chemistry, 2014, 2, 11.	0.1	6
377	Impact of Urban Wastewater on Soil Properties and Lepidium sativum in an Arid Region. International Journal of Scientific Research in Environmental Sciences, 0, , 7-15.	0.1	10
379	Heavy Metal Contamination of Vegetables Irrigated by Urban Stormwater: A Matter of Time?. PLoS ONE, 2014, 9, e112441.	1.1	38
380	Heavy Metals Accumulation in Cauliflower (Brassica Oleracea L. var. Botrytis) Grown in Brewery Sludge Amended Sandy Loam Soil. International Journal of Agricultural Science and Technology, 2014, 2, 87.	1.1	6
381	Health risk assessment of citrus contaminated with heavy metals in Hamedan city, potential risk of Al and Cu. Environmental Health Engineering and Management, 2016, 3, 131-135.	0.3	23
382	Human Health Risk Assessment of Heavy Metal Contamination for Population via Consumption of Selected Vegetables and Tubers Grown in Farmlands in Rivers State, South-South Nigeria. Journal of Analytical & Pharmaceutical Research, 2016, 3, .	0.3	9
383	Lead Content of Lichens in Metropolitan Harare, Zimbabwe. Air Quality and Health Risk Implications. Greener Journal of Environment Management and Public Safety, 2013, 2, 075-082.	0.6	10

#	Article	IF	Citations
384	Heavy Metals Contamination and what are the Impacts on Living Organisms. Greener Journal of Environment Management and Public Safety, 2013, 2, 172-179.	0.6	159
385	Intake of Heavy Metals through Milk and Toxicity Assessment. Pakistan Journal of Zoology, 2017, 49, 1413-1419.	0.1	23
386	Heavy Metal Levels in Some Popular Vegetables from Some Selected Markets in Saudi Arabia. Egyptian Journal of Botany, 2018, 58, 627-638.	0.1	9
387	Human health risk assessment through the comparative analysis of diverse irrigation regimes for Luffa (Luffa cylindrica (L.) Roem.). Journal of Water Sanitation and Hygiene for Development, 2020, 10, 249-261.	0.7	19
388	Distribution characteristics of heavy metals in flood plains, farm fields and high lands in Lake Poyang region in China. Journal of Environmental Biology, 2017, 38, 1301-1311.	0.2	5
389	Nutrient value of landfill leachate on the growth of Brassica rapa L.. Malaysian Journal of Science, 2010, 29, 119-128.	0.2	7
390	In vitro evaluation of copper tolerance and accumulation in Populus nigra. Archives of Biological Sciences, 2017, 69, 679-687.	0.2	3
391	HEAVY METALS IN SOIL AND VEGETABLES AND THEIR EFFECT ON HEALTH. International Journal of Engineering Science Technologies, 2017, 2, 17-27.	0.2	6
392	Effect of Irrigation with Industrial Effluent and Well Water on the Levels of Heavy Metals in Wheat (Case Study of Alborz Industrial Center). Journal of Health, 2019, 9, 484-495.	0.0	2
393	Bioaccumulation of heavy metals in Spinacea oleracea grown in distillery effluent irrigated soil. Journal of Applied and Natural Science, 2014, 6, 797-803.	0.2	1
394	Determination of Heavy Metal Contamination in Soil and Accumulation in Cassava (Manihot) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 347 Health Sciences, 2020, 4, 54-69.	0.1	3
395	Effects of Urban Wastewater on Accumulation of Heavy Metals in Soil and Corn (Zea mays L.) with Sprinkler Irrigation Method. Asian Journal of Plant Sciences, 2011, 10, 233-237.	0.2	10
396	Pb and Cr Contaminations of Irrigation Water, Soils and Green Leafy Vegetables Collected from Different Areas of Colombo District, Sri Lanka. Pakistan Journal of Nutrition, 2015, 14, 593-602.	0.2	10
397	Assessment of Heavy Metal Contamination in Different Vegetables Grown in and Around Urban Areas. Research Journal of Environmental Toxicology, 2011, 5, 162-179.	1.0	118
398	In vitro evaluation of bioremediation capacity of a commercial probiotic, Bacillus coagulans, for chromium (VI) and lead (II) toxicity. Journal of Pharmacy and Bioallied Sciences, 2016, 8, 272.	0.2	15
399	Evaluation of Potential Dietary Toxicity of Heavy Metals of Vegetables. , 2012, 02, .		23
400	Metal Accumulation Profile in Roadside Soils, Grass and Caesalpinia Plant Leaves: Bioindicators. , 2015, 05, .		4
401	A Comparative Study of Heavy Metal Concentration in Different Layers of Tannery Vicinity Soil and Near Agricultural Soil. American Journal of Analytical Chemistry, 2016, 07, 880-889.	0.3	9

#	Article	IF	Citations
402	Assessment of Metal Accumulation in the Vegetables and Associated Health Risk in the Upper-Most Ganga-Yamuna Doab Region, India. American Journal of Plant Sciences, 2018, 09, 2347-2358.	0.3	4
403	Pesticides in Agricultural Run Offs Affecting Water Resources: A Study of Punjab (India). Agricultural Sciences, 2019, 10, 1381-1395.	0.2	6
404	Heavy Metal Contamination of Vegetables. Journal of Environmental Protection, 2016, 07, 996-1004.	0.3	33
405	Health Risk Assessment of Heavy Metals and Microbial Quality of Local Tomato (<i>Solanum) Tj ETQq1 1 0.784314 rgBT /Overlo 942-957.	0.3	5
406	Bioaccumulation of Trace Metals in Tissues of Rohu Fish for Environmental Risk Assessment. Journal of Water Resource and Protection, 2016, 08, 472-481.	0.3	5
407	Assessment of heavy metal contamination in vegetables consumed in Zanzibars. Natural Science, 2012, 04, 588-594.	0.2	8
408	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
409	Effect of Different Irrigation Sources on Growth, Yield and Heavy Metals Accumulation in Tomato and Okra. Journal of Horticultural Science & Technology, 2019, , 10-19.	0.3	7
410	Assessing Metallic Toxicity of Wastewater for Irrigation in Some Industrial Areas of Bangladesh. Korean Journal of Environmental Agriculture, 2011, 30, 189-195.	0.0	1
411	Effects of fertigation with purified urban wastewater on soil and pepper plant (Capsicum annuum L.) production, fruit quality and pollutant contents. Spanish Journal of Agricultural Research, 2012, 10, 209.	0.3	26
412	Heavy metals in the vegetables collected from production sites. Health Promotion Perspectives, 2013, 3, 185-93.	0.8	29
413	Public Health Risk Assessment of Heavy Metal Uptake by Vegetables Grown at a Waste-water-Irrigated Site in Dhaka, Bangladesh. Journal of Health and Pollution, 2015, 5, 78-85.	1.8	18
414	Chemical Speciation and Characterization of Trace Metals in Dry Camellia sinensis and Herbal Tea Marketed in Nigeria. Journal of Health and Pollution, 2018, 8, 180912.	1.8	4
415	Phytoremediation of Hazardous Radioactive Wastes. , 0, , .		7
416	Health Risk Assessment of Heavy Metals in Vegetables in an Endemic Esophageal Cancer Region in Iran. Health Scope, 2018, 7, .	0.4	30
417	Bioaccumulation of metals in different species of mulberry. Savremene Tehnologije, 2014, 3, 105-110.	0.0	5
419	Heavy Metal Contamination of Herbal Drugs: Implication for Human Health-A Review. International Journal of Tropical Disease & Health, 2014, 4, 1044-1058.	0.1	13
420	Evaluation of Zinc in various Arums, Bananas, Vegetables and Pulses from Five Upazila of Chittagong region in Bangladesh by Spectro-photometric Method. IOSR Journal of Environmental Science, Toxicology and Food Technology, 2012, 2, 32-37.	0.1	1

#	Article	IF	Citations
421	Assessment of heavy metals uptake in leafy vegetables grown on long term wastewater irrigated soil across Vrishabhavathi River, Bangalore, Karnataka.. IOSR Journal of Environmental Science, Toxicology and Food Technology, 2013, 7, 52-55.	0.1	4
422	Detection of Heavy Metals in Vegetables Cultivated In Different Locations in Chittagong, Bangladesh. IOSR Journal of Environmental Science, Toxicology and Food Technology, 2014, 8, 58-63.	0.1	12
423	Assessment of Heavy Metal Contamination in Vegetables Grown in and Around Nashik City, Maharashtra State, India. IOSR Journal of Applied Chemistry, 2013, 5, 09-14.	0.2	8
424	Determination of Heavy Metals Contamination in Some Vegetables and Fruits Samples from the Market of Jagdalpur, Chhattisgarh State.. IOSR Journal of Applied Chemistry, 2017, 10, 110-113.	0.2	1
425	Nitrogen and sulfur co-doped carbon quantum dots as fluorescence sensor for detection of lead ion. Chinese Journal of Analytical Chemistry, 2022, 50, 63-68.	0.9	7
426	Mineral Composition, Phenolic Content, and In Vitro Antidiabetic and Antioxidant Properties of Aqueous and Organic Extracts of Haloxylon scoparium Aerial Parts. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-20.	0.5	12
427	Effect of leachate effluent water reuse on the phytotoxicity and micropollutants accumulation in agricultural crops. Journal of Environmental Chemical Engineering, 2021, 9, 106639.	3.3	10
428	Urban mosquitoes and filamentous green algae: their biomonitoring role in heavy metal pollution in open drainage channels in Nairobi industrial area, Kenya. Bmc Ecology and Evolution, 2021, 21, 188.	0.7	2
429	Comparative Study of Some Heavy and Trace Metals in Selected Vegetables from four Local Government Areas of Plateau State, Nigeria. IOSR Journal of Environmental Science, Toxicology and Food Technology, 2013, 6, 86-93.	0.1	2
430	Translocation and enrichment of heavy metals in Brassica juncea grown in Paper mill effluent irrigated soil. Journal of Applied and Natural Science, 2013, 5, 510-515.	0.2	0
431	Cadmium (Cd) Removal from Saline <i>Water by Veronica anagallis</i> and <i>Epilobium laxum</i> Plants in Hydroponic System. Agricultural Sciences, 2014, 05, 935-944.	0.2	1
432	A study on heavy metals accumulation and its uptake by Cowpea [Vigna unguiculata (L.) Walp.] fertilized with Sugar mill effluent and DAP treatment in two cropping seasons. Journal of Applied and Natural Science, 2014, 6, 267-273.	0.2	0
433	Studies on different concentration of lead (Pb) and sewage water on Pb uptake and growth of Radish (Raphanus sativus). Eurasian Journal of Soil Science, 2014, 3, 138.	0.2	0
434	Effects of Hyperaccumulator Straw on Soil Nutrient Availability and Soil Enzyme Activity of Cyphomandra betacea under Cadmium Stress. , 2015, , .		0
435	Proximate Composition, Phenolic Contents and <i>in vitro</i> Antioxidant Properties of <i>Pimpinella stewartii</i> (A Wild Medicinal Food). Journal of Food and Nutrition Research (Newark, Del), 2015, 3, 330-336.	0.1	3
436	Heavy metal accumulation in Celery from Sarchnar and Kalar in Kurdistan of Iraq Region. Journal of Zankoy Sulaimani - Part A, 2015, 18, 29-36.	0.1	0
437	Physicochemical Parameters and Heavy Metals Content of Soil Samples from Farms in Minna. International Letters of Chemistry, Physics and Astronomy, 0, 58, 154-163.	0.0	1
438	Determination of Lead (Pb) Content in Vetiver Grass Roots by Raman Spectroscopy. IFIP Advances in Information and Communication Technology, 2016, , 292-299.	0.5	0

#	Article	IF	Citations
439	Impacts of Wastewater Reuse on Peri-Urban Agriculture: Case Study in Udaipur City, India. Water Science and Technology Library, 2016, , 329-339.	0.2	2
440	Physioloigical and Morphological Parametrers of Cultivated Plants as Indicators of Water Quality. Contemporary Agriculture, 2016, 65, 44-52.	0.3	0
441	Determination of Heavy Metals Contamination in Soil and Vegetable Samples from Jagdalpur, Chhattisgarh State, India. International Journal of Current Microbiology and Applied Sciences, 2017, 6, 2909-2914.	0.0	6
442	Effect of Wastewater on the Soil and Irrigation Process: A Laboratory Study. , 2017, 1, 46-55.		6
443	Ecotoxicological Dynamics of the Coastal Soil Ecosystem of Oil Producing Regions of Ondo State, Nigeria. Open Journal of Ecology, 2018, 08, 250-269.	0.4	2
444	In Vitro KoÅŸullarda Ceratophyllum demersum L.â€™un Krom (III) AkÃ¼mÃ¼lasyonunun AraÅŸtÄ±rÄ±lmasÄ±. KahramanmaraÅŞ SÃ¼tÃ§Ã¼ Ä°mam Ãœniversitesi TarÄ±m Ve DoÄŸa Dergisi, 0, , .	0.1	2
445	Effect of Industrial and Distillery Effluents on Spodoptera litura. International Journal of Current Microbiology and Applied Sciences, 2018, 7, 3687-3693.	0.0	0
446	Assessment of toxic and essential heavy metals in imported dried fruits sold in the local markets of Jordan. European Journal of Chemistry, 2018, 9, 394-399.	0.3	3
447	Health Risks due to Consumption of <i>Malus domestica</i> Golden Delicious Containing Heavy Metals. Journal of Environmental Protection, 2019, 10, 577-594.	0.3	1
448	Adaptation Strategies to Mitigate the Evapotranspiration for Sustainable Crop Production: A Perspective of Rice-Wheat Cropping System. , 2019, , 559-581.		4
449	Toxicity Impact on Bioaccumulation of Potentially Toxic Elements in African Giant Land Snail (Archachatina margenata) Treated with Different Soils and Its Ecological Risk Assessment. Asian Journal of Research in Biochemistry, 0, , 1-15.	0.0	2
450	Ergene Nehri ile Sulanan Ã‡eltik TavalarÄ±nÄ±n Sediment ve Sulama Suyunda Kobalt (II) ve Nikel (II) Birikim DÃ¼zeyleri Analizi. Toprak Su DergÄ°sÄ°, 0, , 101-106.	2.0	0
451	Heavy Metals in Citrus Fruits as Affected by Primary Treated Sewage Irrigation. Egyptian Journal of Chemistry, 2020, .	0.1	3
452	Phytoremediation of Contaminated Soils Using Trees. Nanotechnology in the Life Sciences, 2020, , 419-437.	0.4	0
453	Effects of Heavy Metals with Different Concentrations on Some Biological Properties of Hyphantria cunea Drury (Lepidoptera: Arctiidae) Larvae. Journal of Anatolian Environmental and Animal Sciences, 0, , .	0.2	0
454	QUALITY OF GARDEN STRAWBERRY FRUIT GROWN UNDER CONDITIONS OF TECHNOGENIC POLLUTION. HarÄ¤va Nauka Ã¬ TehnologÃ¬Ã¢, 2021, 14, .	0.2	1
455	GAPâ€™Ä±n En BÃ¼yÃ¼k Sulama SahasÄ±nda Jeotermal Sulardan Kaynaklanan Potansiyel AÄŸÄ±r Metal KirliliÄŸinin AraÅŸtÄ±rÄ±lmasÄ±. TÃ¼rkiye Jeoloji BÃ¼lteni / Geological Bulletin of Turkey, 0, , 1-12.	0.0	0
456	Heavy Metals: Definition, Toxicity, and Uptake in Plants. Nanotechnology in the Life Sciences, 2020, , 1-17.	0.4	2

#	Article	IF	Citations
457	The Toxicity and Accumulation of Metals in Crop Plants. , 2020, , 53-68.		2
458	ArÄ±tÄ±lmÄ±ÅŸ AtÄ±k Suyun FarklÄ± Sulama YÃ¶ntemleriyle UygulanmasÄ±nÄ±n SilajlÄ±k MÄ±sÄ±rda Makro-Mikro Element ve AÄŸÄ±r Metal Birikimine Etkisi. Journal of Tekirdag Agricultural Faculty, 2020, 17, 12-23.	0.2	2
459	Health Risk Assessment of Heavy Metals Due to Wheat, Cabbage, and Spinach Consumption at Cold-Arid High Altitude Region. Biological Trace Element Research, 2022, 200, 4186-4198.	1.9	7
460	The risk associated with heavy metals contamination in vegetables growing in urban and peri-urban areas. Acta Horticulturae, 2020, , 1137-1144.	0.1	0
461	The usefulness of ascorbic acid degradation to analyze the effectiveness of water filtration in household water filter jugs. Pomeranian Journal of Life Sciences, 2020, 66, 71-75.	0.1	1
462	Bioaccumulation and health risk assessment of exposure to potentially toxic elements by consuming agricultural products irrigated with wastewater effluents. Environmental Research, 2022, 205, 112479.	3.7	12
463	A spectroscopic study to assess heavy metals absorption by a combined hemp/spirulina system from contaminated soil. Environmental Advances, 2022, 7, 100144.	2.2	5
464	Health Risk Assessment, Pore Water Chemistry, and Assessment of Trace Metals Transfer from Two Untreated Sewage Sludge Types to Tomato Crop (Lycopersicon esculentum) at Different Application Levels. Sustainability, 2021, 13, 12394.	1.6	7
465	Risk of heavy metals accumulation in soil and wheat grains with waste water irrigation under different NPK levels in alkaline calcareous soil. PLoS ONE, 2021, 16, e0258724.	1.1	8
466	Proximate composition and bioaccumulation of heavy metals in edible Achatina spp in some rural agro-settlements, south-east Nigeria. Journal of Basic and Applied Zoology, 2021, 82, .	0.4	1
467	Treatment of Heavy Metal Wastewater by Ceramic Microfilter Functionalized with Magnesium Oxides. Water, Air, and Soil Pollution, 2021, 232, 1.	1.1	2
468	Toxicological Evaluation of Ethanolic Leaf and Fruit Extracts of Phaseolus vulgaris L. Treated with Wastewater in Danio rerio Hamilton (Zebrafish). Asian Journal of Plant Sciences, 2021, 21, 24-31.	0.2	0
469	A switch-on xanthene-triphenylamine based fluorescent and colorimetric sensor for the detection of ultra-trace Hg2+ in food samples and living cells. Food Chemistry, 2022, 376, 131951.	4.2	19
470	Heavy Metal Uptake of Leafy Vegetable Irrigated with Different Source of Industrial Effluents. , 2021, 22, .		0
471	Heavy Metal Contamination of Food Crops: Transportation via Food Chain, Human Consumption, Toxicity and Management Strategies. , 0, , .		3
472	Heavy Metals Concentrations in Leafy Vegetables in Palestine, Case Study: Jenin and Bethlehem Districts. Journal of Environmental Protection, 2022, 13, 97-111.	0.3	4
473	Health Risks Due to Metal Concentrations in Soil and Vegetables from the Six Municipalities of the Island Province in the Philippines. International Journal of Environmental Research and Public Health, 2022, 19, 1587.	1.2	17
474	Different sources of irrigation water affect heavy metal accumulation in soils and some properties of guava fruits. Environmental Science and Pollution Research, 2022, , 1.	2.7	2

#	Article	IF	Citations
475	Use of nanotechnology for wastewater treatment: potential applications, advantages, and limitations. , 2022, , 223-272.		4
476	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.	1.7	6
477	Noxious substance content of vegetables grown in urban and peri-urban areas. , 2022, 2, 1-13.		0
478	Lead induced-toxicity in vegetables, its mitigation strategies, and potential health risk assessment: a review. International Journal of Environmental Science and Technology, 0, , 1.	1.8	2
479	Mitigation of arsenic in broccoli through consumptive use of ground water and pond water as sources for irrigation. Archives of Agronomy and Soil Science, 0, , 1-18.	1.3	1
480	Impacts of Surface Water Quality in the Awash River Basin, Ethiopia: A Systematic Review. Frontiers in Water, 2022, 3, .	1.0	11
481	Assessment of Health Risk Due to Consumption of Spinach (Spinacia oleracea) Cultivated with Heavy Metal Polluted Water of Bhabadah Water-Logged Area of Bangladesh. Earth Systems and Environment, 2022, 6, 557-570.	3.0	2
482	A Hybrid Screen-Printed Strip for Enhanced Electroanalysis towards Lead and Cadmium in Multi-Matrices. Journal of the Electrochemical Society, 2022, 169, 037516.	1.3	14
483	Cadmium exposure in population: alcoholic beverage consumption and health risk assessment. Journal of Food Science and Technology, 0, , 1.	1.4	0
484	Cost-effective microabsorbance detection based nanoparticle immobilized microfluidic system for potential investigation of diverse chemical contaminants present in drinking water. Analytica Chimica Acta, 2022, 1205, 339734.	2.6	12
485	Ecological risk assessment of zinc metal in different varieties of wheat (Triticum aestivum L.) irrigated with wastewater regimes: Assessing the public health risk. Agricultural Water Management, 2022, 267, 107615.	2.4	0
486	Mineral composition, content of phenolic compounds and in vitro antioxidant and antibacterial activities of aqueous and organic extracts of the seeds of Peganum harmala L.. South African Journal of Botany, 2022, 147, 697-712.	1.2	13
487	Lead-Tolerant Bacillus Strains Promote Growth and Antioxidant Activities of Spinach (Spinacia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 262	1.3	7
488	Assessment of Non-Conventional Irrigation Water in Greenhouse Cucumber (Cucumis sativus) Production. Sustainability, 2022, 14, 257.	1.6	2
489	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.	2.0	6
490	Assessment of Fertilizer Quality in Horse Waste-Based Bokashi Fertilizer Formulations. Agronomy, 2022, 12, 937.	1.3	4
491	Heavy Metals Contaminants in Watercress (Nasturtium officinale R. BR.): Toxicity and Risk Assessment for Humans along the Swat River Basin, Khyber Pakhtunkhwa, Pakistan. Sustainability, 2022, 14, 4690.	1.6	4
492	Removal of heavy metals and hydrocarbons by microalgae from wastewater in the steel industry. Algal Research, 2022, 64, 102700.	2.4	24

#	Article	IF	Citations
493	Effect of brewery wastewater irrigation on soil characteristics and lettuce (Lactuca sativa) crop in Ethiopia. Agricultural Water Management, 2022, 269, 107633.	2.4	11
497	Are Fresh Water and Reclaimed Water Safe for Vegetable Irrigation? Empirical Evidence from Lebanon. Water (Switzerland), 2022, 14, 1437.	1.2	7
498	Assessment of Heavy Metal Content in Soil and Lycopersicon esculentum (Tomato) and Their Health Implications. Biological Trace Element Research, 2023, 201, 1547-1556.	1.9	5
499	High Photoluminescence Polyindole/CuInS Quantum Dots for Pb Ions Sensor. Journal of Inorganic and Organometallic Polymers and Materials, 2022, 32, 3106-3116.	1.9	4
500	Phytoremediation of heavy metals in soil and water: An eco-friendly, sustainable and multidisciplinary approach. Chemosphere, 2022, 303, 134788.	4.2	81
501	Study on heavy metals in some Ayurvedic herbal products and risk assessment of their calculated average daily dose intake in humans.. Journal of Herbal Medicine, 2022, , 100569.	1.0	0
502	Heavy metal concentration in water, soil and cultivated vegetables at the edge of Kashaf Roud River, Mashhad, Iran: ecological risk assessment and bioaccumulation factor. International Journal of Environmental Analytical Chemistry, 0, , 1-22.	1.8	5
503	Evaluating the Potential Health Risks of Selected Heavy Metals across Four Wastewater Treatment Water Works in Durban, South Africa. Toxics, 2022, 10, 340.	1.6	7
506	Dependence of the artificial reservoir pollution with heavy metals on anthropogenic factors. Ukrainian Journal of Veterinary and Agricultural Sciences, 2022, 5, 31-35.	0.1	0
507	Seasonal Variations in Bioaccumulation and Translocation of Toxic Heavy Metals in the Dominant Vegetables of East Kolkata Wetlands: a Case Study with Suggestive Ecorestorative Strategies. Applied Biochemistry and Biotechnology, 2023, 195, 2332-2358.	1.4	5
508	An integration of health risk indices and statistical techniques to appraise the associated human risks and source apportionment of potentially toxic elements in roadside soils. Arabian Journal of Geosciences, 2022, 15, .	0.6	2
509	Mechanism of Different Passivating Agents on the Solidification of Heavy Metals in Soil. , 2022, 4, 62-66.		0
510	Ethnopharmacological Survey, Mineral and Chemical Content, In Vitro Antioxidant, and Antibacterial Activities of Aqueous and Organic Extracts of Chamaerops humilis L. var. argentea Andre Leaves. BioMed Research International, 2022, 2022, 1-27.	0.9	3
511	Assessment of Heavy Metal Uptake in Potatoes Cultivated in a Typical Karst Landform, Weining County, China. Foods, 2022, 11, 2379.	1.9	2
512	Mercury in basil (Ocimum basilicum) grown simultaneously with shrimp (Litopenaeus vannamei) by aquaponics. Journal of Food Composition and Analysis, 2023, 115, 104929.	1.9	1
513	Heavy metals and metalloids in soil and vegetable crops. , 2022, , 395-416.		0
514	A review on heavy metal and metalloid contamination of vegetables: addressing the global safe food security concern. International Journal of Environmental Analytical Chemistry, 0, , 1-22.	1.8	3
515	Microalgal Phycoremediation: A Glimpse into a Sustainable Environment. Toxics, 2022, 10, 525.	1.6	10

#	Article	IF	Citations
516	Evaluation of Heavy Metals in Soil Wastewater Stream. International Journal of Analytical Chemistry, 2022, 2022, 1-11.	0.4	2
517	Smart nano-architectures as potential sensing tools for detecting heavy metal ions in aqueous matrices. Trends in Environmental Analytical Chemistry, 2022, 36, e00179.	5.3	4
518	Carpet industry irrigational sources risk assessment: Heavy metal contaminated vegetables and cereal crops in northern India. Toxicology Reports, 2022, 9, 1906-1919.	1.6	6
519	Major chemical carcinogens and health exposure risks in some therapeutic herbal plants in Nigeria. PLoS ONE, 2022, 17, e0276365.	1.1	2
520	Evaluation of Potentially Toxic Trace Metals and Associated Health Risk Assessment in Buffalo Milk. International Journal of Environmental Research and Public Health, 2022, 19, 14678.	1.2	2
521	The Environmental Significance of Contaminants of Concern in the Soilâ€“Vegetable Interface: Sources, Accumulation, Health Risks, and Mitigation through Biochar. Sustainability, 2022, 14, 14539.	1.6	3
522	Dihydrazone Schiff base ligands â€“ appropriate chemosensors for Cd(II) detection. Inorganic Chemistry Communication, 2022, 146, 110199.	1.8	0
523	Measurement techniques for detection of metals in water resources. , 2023, , 1-20.		0
524	Molecular insights into migration of heavy metal ion in calcium silicate hydrate (CSH) surface and intra-CSH (Ca/SiÂ=Â1.3). Construction and Building Materials, 2023, 365, 130097.	3.2	13
525	Effect of sewage polluted by heavy metal on domestic crops. Journal of Applied Biotechnology & Bioengineering, 2022, 9, 105-107.	0.0	0
526	Evaluation of Heavy Metals Found in Vegetables of Some Poultry Farms in Osun State, Nigeria. , 2022, 2, 100-112.		0
527	Investigation of health risk assessment and the effect of various irrigation water on the accumulation of toxic metals in the most widely consumed vegetables in Iran. Scientific Reports, 2022, 12, .	1.6	10
528	Evaluation of Predrying Steps, Cadmium, and Pesticide Residues on Dried Powders from Romaine Lettuce Outer and Heart Leaves. ACS Food Science & Technology, 2023, 3, 41-49.	1.3	1
529	Heavy Metal Evaluation of Overused Commercial Fertilizers and Their Interactions with Soil Properties. Journal of Agricultural Production:, 0, , 58-68.	0.4	0
530	Appraisal of Heavy Metals Accumulation, Physiological Response, and Human Health Risks of Five Crop Species Grown at Various Distances from Traffic Highway. Sustainability, 2022, 14, 16263.	1.6	2
531	Assessment of Heavy Metals Bioaccumulation in Vegetables Grown in Three Local Government Areas of Kaduna State, Nigeria. Nigerian Journal of Pure Applied Sciences, 0, , 4429-4437.	0.0	0
532	Analysis of the concentration of heavy metals in soil, vegetables and water around the bole Lemi industry park, Ethiopia. Heliyon, 2022, 8, e12429.	1.4	5
533	Heavy metals and trace elements contamination risks in peri-urban agricultural soils in Nairobi city catchment, Kenya. Frontiers in Soil Science, 0, 2, .	0.8	3

#	Article	IF	Citations
536	Differential Response of Brassica Cultivars to Potentially Toxic Elements and Their Distribution in Different Plant Parts Irrigated with Metal-Contaminated Water. Sustainability, 2023, 15, 1966.	1.6	3
537	Responses of Niger [Guizotia abyssinica (L.f.) Cass.] to cï»¿admium and nï»¿ickel stress. Vegetos, 2024, 37, 239-249.	0.8	2
538	The development of a paper-based distance sensor for the detection of Pb2+ assisted with the target-responsive DNA hydrogel. Talanta, 2023, 257, 124344.	2.9	9
539	Integrated Hydroponics-Microbial Electrochemical Technology (iHydroMET) is promising for Olericulture along with domestic wastewater management. Bioresource Technology Reports, 2023, 22, 101428.	1.5	2
540	Heavy Metal Contamination in Leafy Vegetables Grown in Jazan Region of Saudi Arabia: Assessment of Possible Human Health Hazards. International Journal of Environmental Research and Public Health, 2023, 20, 2984.	1.2	7
542	Assessment of Heavy Metal(oid)s Accumulation in Eggplant and Soil under Different Irrigation Systems. Water (Switzerland), 2023, 15, 1049.	1.2	2
543	Heavy metals accumulation in soil and uptake by barley (Hordeum vulgare) irrigated with contaminated water. Scientific Reports, 2023, 13, .	1.6	9
544	Heavy metals concentration in food crops irrigated with pesticides and their associated human health risks in Paki, Kaduna State, Nigeria. Cogent Food and Agriculture, 2023, 9, .	0.6	3
545	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.	1.4	3
554	Physiology and Abiotic Stresses. , 2023, , 125-137.		0
558	Integrated 3D pore architecture design of bio-based engineered catalysts and adsorbents: preparation, chemical doping, and environmental applications. Environmental Science Advances, 2023, 2, 1167-1188.	1.0	1
563	Phytoremediation of Heavy Metals: Reaction Mechanisms and Selected Efficient Technologies of Heavy Metal Contamination. , 2023, , 245-269.		0
564	Reshaping agriculture using intelligent edge computing. Advances in Computers, 2023, , .	1.2	0
568	Efficiency of Aquatic Plants for Remediation of Wastewater. , 2023, , 159-174.		0
586	The Revolution of Edge Computing in Smart Farming. Signals and Communication Technology, 2024, , 351-389.	0.4	0