

# CITATION REPORT

List of articles citing

**Health risk from heavy metals via consumption of food crops in the vicinity of Dabaoshan mine, South China**

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#	Paper	IF	Citations
864	Applying Cadmium Relative Bioavailability to Assess Dietary Intake from Rice to Predict Cadmium Urinary Excretion in Nonsmokers.		
863	Radioactivity and heavy metal levels in hazelnut growing in the Eastern Black Sea Region of Turkey. <b>2009</b> , 47, 2351-5		7
862	Efficient Complexation-Ultrafiltration Process for Metal Ions Removal from Aqueous Solutions Using a Novel Carboxylated Polyethylenimine Derivative (PEI-COOH). <b>2010</b> , 6, 37-42		12
861	Lead, Zn, and Cd in slags, stream sediments, and soils in an abandoned Zn smelting region, southwest of China, and Pb and S isotopes as source tracers. <b>2010</b> , 10, 1527-1539		47
860	Toxicity and accumulation of copper and nickel in maize plants cropped on calcareous and acidic field soils. <b>2010</b> , 333, 365-373		41
859	Heavy metals in rice and garden vegetables and their potential health risks to inhabitants in the vicinity of an industrial zone in Jiangsu, China. <b>2010</b> , 22, 1792-9		229
858	Cultivation practices affect heavy metal migration between soil and <i>Vicia faba</i> (broad bean). <b>2010</b> , 80, 1393-8		13
857	Spectroscopic investigation of sulfonate phthalocyanine to probe enzyme reactions for heavy metals detection. <b>2010</b> , 173, 253-7		9
856	Heavy metal and microbial pollution of the River Ganga: A case study of water quality at Varanasi. <b>2010</b> , 13, 352-361		36
855	Lead distribution and its potential risk to the environment: lesson learned from environmental monitoring of abandon mine. <b>2010</b> , 45, 1702-14		11
854	Heavy metals in soil and crops of an intensively farmed area: a case study in Yucheng City, Shandong Province, China. <i>International Journal of Environmental Research and Public Health</i> , <b>2010</b> , 7, 395-412	4.6	84
853	Monitoring exposure to heavy metals among children in Lake Victoria, Kenya: environmental and fish matrix. <b>2010</b> , 73, 1797-803		38
852	Multivariate analysis of relationship between potato ( <i>Solanum tuberosum</i> L.) yield, amount of applied elements, their concentrations in tubers and uptake in a long-term fertilizer experiment. <b>2010</b> , 118, 183-193		48
851	Red-emission fluorescent probe sensing cadmium and pyrophosphate selectively in aqueous solution. <b>2011</b> , 13, 3656-9		103
850	Heavy Metals in Food Crops and the Associated Potential for Combined Health Risk due to Interactions between Metals. <b>2011</b> , 17, 700-711		4
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848	Derivation of Critical Soil Cadmium Concentrations for the State of S̃ Paulo, Brazil, Based on Human Health Risks. <b>2011</b> , 17, 1124-1141		6

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700	Translocation analysis and safety assessment in two water spinach cultivars with distinctive shoot Cd and Pb concentrations. <i>Environmental Science and Pollution Research</i> , <b>2014</b> , 21, 11565-71	5.1	8
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530	Pay dirt! human health depends on soil health. <b>2017</b> , 32, A1-A2	9
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528	Heavy Metal Removal from Wastewaters by Biosorption: Mechanisms and Modeling. <b>2017</b> , 25-63	9
527	Potential use of lime combined with additives on (im)mobilization and phytoavailability of heavy metals from Pb/Zn smelter contaminated soils. <b>2017</b> , 145, 313-323	66
526	Heavy metals (lead, cadmium, methylmercury, arsenic) in commonly imported rice grains ( <i>Oryza sativa</i> ) sold in Saudi Arabia and their potential health risk. <b>2017</b> , 220, 1168-1178	33
525	Effect of Mineral-Based Amendments on Rice ( <i>Oryza sativa</i> L.) Growth and Cadmium Content in Plant and Polluted Soil. <b>2017</b> , 34, 854-860	7
524	Bioaccumulation of heavy metals in soil and selected food crops cultivated in Kogi State, north central Nigeria. <b>2017</b> , 6,	22

523	Health benefit from decreasing exposure to heavy metals and metalloid after strict pollution control measures near a typical river basin area in China. <b>2017</b> , 184, 866-878		24
522	A multi-functional hydrazinobenzothiazole-based diarylethene derivative: Highly efficient discrimination cadmium ion from zinc ion and near-infrared absorption detection of hydroxide ion. <b>2017</b> , 146, 305-315		14
521	Bioaccessibility and risk assessment of essential and non-essential elements in vegetables commonly consumed in Swaziland. <b>2017</b> , 144, 396-401		12
520	Efficacy of indigenous probiotic <i>Lactobacillus</i> strains to reduce cadmium bioaccessibility <sup>2</sup> - An in vitro digestion model. <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 1241-1250	5.1	25
519	Bioaccumulation and health risks of heavy metals associated with consumption of rice grains from croplands in Northern India. <b>2017</b> , 23, 14-27		23
518	Rhodamine based turn-on molecular switch FRET sensor for cadmium and sulfide ions and live cell imaging study. <b>2017</b> , 238, 565-577		44
517	Comparative of <i>Quercus</i> spp. and <i>Salix</i> spp. for phytoremediation of Pb/Zn mine tailings. <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 3400-3411	5.1	19
516	Foliar heavy metal uptake, toxicity and detoxification in plants: A comparison of foliar and root metal uptake. <b>2017</b> , 325, 36-58		445
515	Concentration of heavy metals in Iranian market rice and associated population health risk. <b>2017</b> , 9, 249-254		8
514	Assessment of Typical Heavy Metals in Human Hair of Different Age Groups and Foodstuffs in Beijing, China. <i>International Journal of Environmental Research and Public Health</i> , <b>2017</b> , 14,	4.6	31
513	Heavy Metal Contamination and Health Risk Assessment in the Vicinity of a Tailing Pond in Guangdong, China. <i>International Journal of Environmental Research and Public Health</i> , <b>2017</b> , 14,	4.6	80
512	Horizontal and Vertical Distribution of Heavy Metals in Farm Produce and Livestock around Lead-Contaminated Goldmine in Daretu and Abare, Zamfara State, Northern Nigeria. <b>2017</b> , 2017, 3506949		33
511	Heavy Metal Contamination in Soil and Brown Rice and Human Health Risk Assessment near Three Mining Areas in Central China. <b>2017</b> , 2017, 4124302		63
510	Metals and Metalloids in Wild Asparagus at Uncontaminated and Mining-Contaminated Sites. <b>2017</b> , 46, 320-329		2
509	Assessment of heavy metal pollution and human health risks in urban soils around an electronics manufacturing facility. <i>Science of the Total Environment</i> , <b>2018</b> , 630, 53-61	10.2	193
508	Combined effect of water inundation and heavy metals on the photosynthesis and physiology of <i>Spartina alterniflora</i> . <b>2018</b> , 153, 248-258		10
507	Minimizing the risk to human health due to the ingestion of arsenic and toxic metals in vegetables by the application of biochar, farmyard manure and peat moss. <b>2018</b> , 214, 172-183		26
506	Effects of eggshell addition on calcium-deficient acid soils contaminated with heavy metals. <b>2018</b> , 12, 1		5

505	Heavy Metal Concentration in Water, Sediment and Fish Species in the Bontanga Reservoir, Ghana. <b>2018</b> , 10, 49-58		11
504	Maize productivity, heavy metals uptake and their availability in contaminated clay and sandy alkaline soils as affected by inorganic and organic amendments. <b>2018</b> , 204, 514-522		51
503	Potential Human Health Risk Assessment of Heavy Metals via Consumption of Root Tubers from Ogoniland, Rivers State, Nigeria. <b>2018</b> , 186, 568-578		9
502	Detection and discrimination of Zn <sup>2+</sup> and Hg <sup>2+</sup> using a single molecular fluorescent probe. <b>2018</b> , 42, 8646-8652		15
501	Distribution of heavy metals in soils and vegetables and health risk assessment in the vicinity of three contaminated sites in Guangdong Province, China. <b>2018</b> , 24, 1901-1915		9
500	Heavy metal contents and enrichment characteristics of dominant plants in wasteland of the downstream of a lead-zinc mining area in Guangxi, Southwest China. <b>2018</b> , 151, 266-271		52
499	Effects of washing, soaking and domestic cooking on cadmium, arsenic and lead bioaccessibilities in rice. <b>2018</b> , 98, 3829-3835		23
498	Adsorption of Cu(II) from industrial liquid waste on Na-bentonite and Al-PILC following a full factorial design. <b>2018</b> , 75, 623-641		1
497	Temporal variations and spatial distributions of heavy metals in a wastewater-irrigated soil-eggplant system and associated influencing factors. <b>2018</b> , 153, 204-214		32
496	Rice Crop Growth and Rhizospheric Microbial Dynamics in Heavy Metals Contaminated Inceptisol. <b>2018</b> , 281-297		
495	Principles and Technologies of Phytoremediation for Metal-Contaminated Soils: A Review. <b>2018</b> , 279-331		2
494	Health risk assessment of instant noodles commonly consumed in Port Harcourt, Nigeria. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 2580-2587	5.1	10
493	Heavy metal contamination and health risk assessment in soil-rice system near Xinqiao mine in Tongling city, Anhui province, China. <b>2018</b> , 24, 743-753		18
492	The paradigm of high concentration of metals of natural or anthropogenic origin in soils □The case of Neves-Corvo mine area (Southern Portugal). <b>2018</b> , 186, 12-23		26
491	Opportunities and risks of biofertilization for leek production in urban areas: Influence on both fungal diversity and human bioaccessibility of inorganic pollutants. <i>Science of the Total Environment</i> , <b>2018</b> , 624, 1140-1151	10.2	9
490	Bioavailability and soil-to-crop transfer of heavy metals in farmland soils: A case study in the Pearl River Delta, South China. <i>Environmental Pollution</i> , <b>2018</b> , 235, 710-719	9.3	132
489	Assessment of emissions of trace elements and sulfur gases from sulfide tailings. <b>2018</b> , 186, 256-269		12
488	Metagenomic analysis of microbial community and function involved in cd-contaminated soil. <b>2018</b> , 18, 11		79

487	Levels of potentially toxic metals in water, sediment and peat from Wonderfonteinspruit, North West Province, South Africa. <b>2018</b> , 53, 907-914		1
486	Levels, temporal trend and health risk assessment of five heavy metals in fresh vegetables marketed in Guangdong Province of China during 2014-2017. <b>2018</b> , 92, 107-120		26
485	Heavy metal contamination in soils and vegetables and health risk assessment of inhabitants in Daye, China. <b>2018</b> , 46, 3374-3387		32
484	Biosurfactant and exopolysaccharide-assisted rhizobacterial technique for the remediation of heavy metal contaminated soil: An advancement in metal phytoremediation technology. <b>2018</b> , 10, 243-263		55
483	Sorption kinetics, isotherms, and mechanism of aniline aerofloat to agricultural soils with various physicochemical properties. <b>2018</b> , 154, 84-91		14
482	Population health risk via dietary exposure to trace elements (Cu, Zn, Pb, Cd, Hg, and As) in Qiqihar, Northeastern China. <b>2018</b> , 40, 217-227		10
481	Trace metals accumulation in soil irrigated with polluted water and assessment of human health risk from vegetable consumption in Bangladesh. <b>2018</b> , 40, 59-85		58
480	Pollution characteristics and assessment of sulfide tailings from the Dabaoshan Mine, China. <b>2018</b> , 128, 122-128		25
479	An exposure-risk assessment for potentially toxic elements in rice and bulgur. <b>2018</b> , 40, 987-998		5
478	Method optimization for heavy metal determination in milk powder: application to milk samples from Greece. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 26766-26779	5.1	5
477	High contamination in the areas surrounding abandoned mines and mining activities: An impact assessment of the Dilala, Luilu and Mpingiri Rivers, Democratic Republic of the Congo. <b>2018</b> , 191, 1008-1020		29
476	Application of EDTA-functionalized bamboo activated carbon (BAC) for Pb(II) and Cu(II) removal from aqueous solutions. <b>2018</b> , 428, 648-658		68
475	Risk forewarning model for rice grain Cd pollution based on Bayes theory. <i>Science of the Total Environment</i> , <b>2018</b> , 618, 1343-1349	10.2	6
474	Investigation and evaluation of contamination in dredged reclaimed land in China. <b>2018</b> , 36, 603-616		7
473	Remediation of Arsenic contaminated soil using malposed intercropping of <i>Pteris vittata</i> L. and maize. <b>2018</b> , 194, 737-744		40
472	Heavy metals and lead isotopes in soils, road dust and leafy vegetables and health risks via vegetable consumption in the industrial areas of Shanghai, China. <i>Science of the Total Environment</i> , <b>2018</b> , 619-620, 1349-1357	10.2	141
471	Bacterial, archaeal, and fungal community responses to acid mine drainage-laden pollution in a rice paddy soil ecosystem. <i>Science of the Total Environment</i> , <b>2018</b> , 616-617, 107-116	10.2	65
470	Mine tailing disposal sites: contamination problems, remedial options and phytocaps for sustainable remediation. <b>2018</b> , 17, 205-228		60

469	Challenges in assessing the health risks of consuming vegetables in metal-contaminated environments. <b>2018</b> , 113, 269-280		42
468	Heavy metal pollution and health risk assessment of agricultural soils in a typical peri-urban area in southeast China. <b>2018</b> , 207, 159-168		229
467	Risk assessment of heavy metals pollution at Zagazig University, Zagazig, Egypt. <b>2018</b> , 15, 1393-1410		5
466	Cobalt accumulation and antioxidant system in pakchois under chemical immobilization in fluvo-aquic soil. <b>2018</b> , 18, 669-679		7
465	Heavy Metals in Selected Vegetables from Markets of Faisalabad, Pakistan. <b>2018</b> , 81, 806-809		4
464	Research of Heavy Metals Pollution Soil Risk Evaluation by Means of Engineering in Gold Mining Area, Tongguan, China. <b>2018</b> , 170, 032100		
463	Distributions and risks of Cu, Cd, Pb and Zn in soils and rice in the North River Basin, South China. <b>2018</b> , 109, 483-493		6
462	A new fluorescence probe based on diarylethene with a benzothiazine unit for selective detection of Cd <sup>2+</sup> . <b>2018</b> , 74, 7431-7437		12
461	Rhizospheric Microbe-Plant Exudate Formulation for Enhanced Restoration of Contaminated Agricultural Soil. <b>2018</b> , 231-252		
460	Role of Micro-organisms in Modulating Antioxidant Defence in Plants Exposed to Metal Toxicity. <b>2018</b> , 303-335		1
459	Impact on sediments and water by release of copper from chalcopyrite bearing rock due to acidic mine drainage. <b>2018</b> ,		
458	Dietary strategies to reduce the oral bioaccessibility of cadmium and arsenic in rice. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 33353-33360	5.1	4
457	Determination of the phytoremediation efficiency of <i>Ricinus communis</i> L. and methane uptake from cadmium and nickel-contaminated soil using spent mushroom substrate. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 32603-32616	5.1	9
456	Where will Invasive Plants Colonize in Response to Climate Change: Predicting the Invasion of <i>Galinsoga quadriradiata</i> in China. <b>2018</b> , 12, 929-938		4
455	Establishing a health risk assessment for metal speciation in soil-A case study in an industrial area in China. <b>2018</b> , 166, 488-497		10
454	Synthesis, Characterization, and Application of a New Magnetic Silica Composite Nanoadsorbent with NiFe-Embedded Structure. <b>2018</b> , 229, 1		1
453	Thiol-rich polyhedral oligomeric silsesquioxane-modified magnetic nanoparticles for the highly efficient separation and preconcentration of Cd(II) and Pb(II) in food and water prior to ICP-OES determination. <b>2018</b> , 33, 1974-1980		12
452	The concentration of heavy metals in noodle samples from Iran's market: probabilistic health risk assessment. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 30928-30937	5.1	32



451	Heavy metal pollution caused by small-scale metal ore mining activities: A case study from a polymetallic mine in South China. <i>Science of the Total Environment</i> , <b>2018</b> , 639, 217-227	10.2	119
450	Dietary cadmium intake from rice and vegetables and potential health risk: A case study in Xiangtan, southern China. <i>Science of the Total Environment</i> , <b>2018</b> , 639, 271-277	10.2	136
449	Screening of native plants from wasteland surrounding a Zn smelter in Feng County China, for phytoremediation. <b>2018</b> , 162, 178-183		34
448	Potential endocrine-disrupting effects of metals via interference with glucocorticoid and mineralocorticoid receptors. <i>Environmental Pollution</i> , <b>2018</b> , 242, 12-18	9.3	8
447	Effect of inoculation with arbuscular mycorrhizal fungi and blanching on the bioaccessibility of heavy metals in water spinach ( <i>Ipomoea aquatica</i> Forsk.). <b>2018</b> , 162, 563-570		7
446	Heavy metal content of edible plants collected close to an area of intense mining activity (southern Portugal). <b>2018</b> , 190, 484		9
445	Oral Bioaccessibility and Exposure Risk of Metal(loid)s in Local Residents Near a Mining-Impacted Area, Hunan, China. <i>International Journal of Environmental Research and Public Health</i> , <b>2018</b> , 15,	4.6	9
444	Phytoaccumulation of Copper from Irrigation Water and Its Effect on the Internal Structure of Lettuce. <b>2018</b> , 8, 29		8
443	Total and Bioaccessible Soil Arsenic and Lead Levels and Plant Uptake in Three Urban Community Gardens in Puerto Rico. <b>2018</b> , 8, 43		9
442	Risk Assessment of Potentially Toxic Elements (PTEs) Pollution at a Rural Industrial Wasteland in an Abandoned Metallurgy Factory in North China. <i>International Journal of Environmental Research and Public Health</i> , <b>2018</b> , 15,	4.6	27
441	Trace Elements in Soils and Selected Agricultural Plants in the Tongling Mining Area of China. <i>International Journal of Environmental Research and Public Health</i> , <b>2018</b> , 15,	4.6	33
440	Thallium in flowering cabbage and lettuce: Potential health risks for local residents of the Pearl River Delta, South China. <i>Environmental Pollution</i> , <b>2018</b> , 241, 626-635	9.3	19
439	A highly sensitive multifunctional sensor based on phenylene-acetylene for colorimetric detection of Fe <sup>2+</sup> and ratiometric fluorescent detection of Cd <sup>2+</sup> and Zn <sup>2+</sup> . <b>2018</b> , 273, 1077-1084		30
438	Irrigation with Treated Municipal Wastewater on Artichoke Crop: Assessment of Soil and Yield Heavy Metal Content and Human Risk. <b>2018</b> , 10, 255		22
437	Effect of heavy metals on rice irrigated fields with waste water in high pH Mediterranean soils: The particular case of the Valencia area in Spain. <b>2018</b> , 210, 108-123		17
436	Migration and fate of metallic elements in a waste mud impoundment and affected river downstream: A case study in Dabaoshan Mine, South China. <b>2018</b> , 164, 474-483		27
435	A novel fluorescent sensor based on a diarylethene containing a hydrazinylpyridine unit for Cd <sup>2+</sup> and Zn <sup>2+</sup> with high selectivity. <b>2018</b> , 367, 212-218		18
434	Estimation of arsenic, manganese and iron in mustard seeds, maize grains, groundwater and associated human health risks in Ropar wetland, Punjab, India, and its adjoining areas. <b>2018</b> , 190, 385		11

433	Honeybees as sentinels of lead pollution: Spatio-temporal variations and source appointment using stable isotopes and Kohonen self-organizing maps. <i>Science of the Total Environment</i> , <b>2018</b> , 642, 56-62	10.2	19
432	Phytoavailability, bioaccumulation, and human health risks of metal(loid) elements in an agroecosystem near a lead-zinc mine. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 24111-24124	5.1	5
431	Health risk assessment of heavy metals content in cocoa and chocolate products sold in Saudi Arabia. <b>2019</b> , 38, 318-327		8
430	Vermicompost addition influences symbiotic fungi communities associated with leek cultivated in metal-rich soils. <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 20040-20051	5.1	2
429	Risk assessment and copper geochemistry of an orchard irrigated with mine water: a case study in the semiarid region of Brazil. <b>2019</b> , 41, 603-615		1
428	Impact of Gypsum and Potash Fertilizers on Heavy Metals and Nutrients Levels in Some Selected Leafy Vegetables and Assessment of Potential Health Risk. <b>2019</b> , 22, 56-67		
427	Reproductive toxicity of acute Cd exposure in mouse: Resulting in oocyte defects and decreased female fertility. <b>2019</b> , 379, 114684		33
426	Bioaccessibility analysis of toxic metals in consumed rice through an in vitro human digestion model - Comparison of calculated human health risk from raw, cooked and digested rice. <b>2019</b> , 299, 125126		32
425	Human health risk from consumption of two common crops grown in polluted soils. <i>Science of the Total Environment</i> , <b>2019</b> , 691, 195-204	10.2	16
424	Trace element content in cereals from a gold mining site in Burkina Faso and intake risk assessment. <b>2019</b> , 248, 109292		7
423	Chronic impact of an accidental wastewater spill from a smelter, China: A study of health risk of heavy metal(loid)s via vegetable intake. <b>2019</b> , 182, 109401		22
422	Arsenic accumulation in edible vegetables and health risk reduction by groundwater treatment using an adsorption process. <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 32505-32516	5.1	2
421	Influence of Various Passivators for Nickel Immobilization in Contaminated Soil of China. <b>2019</b> , 36, 1396-1403		3
420	Comparative assessment of Indian mustard ( <i>Brassica juncea</i> L.) genotypes for phytoremediation of Cd and Pb contaminated soils. <i>Environmental Pollution</i> , <b>2019</b> , 254, 113085	9.3	34
419	Metal-Contaminated Soil Remediation: Phytoremediation, Chemical Leaching and Electrochemical Remediation. <b>2019</b> ,		4
418	Derivation of soil Pb/Cd/As thresholds for safety of vegetable planting: A case study for pakchoi in Guangdong Province, China. <b>2019</b> , 18, 179-189		3
417	Effect of soil pH and organic matter content on heavy metals availability in maize ( <i>Zea mays</i> L.) rhizospheric soil of non-ferrous metals smelting area. <b>2019</b> , 191, 634		29
416	Estimation of soil pH using PXRF spectrometry and Vis-NIR spectroscopy for rapid environmental risk assessment of soil heavy metals. <b>2019</b> , 132, 73-81		15

415	The concentration and health risk assessment of nitrate in vegetables and fruits samples of Iran. <b>2019</b> , 1-8		8
414	Source apportionment of heavy metal and their health risks in soil-dustfall-plant system nearby a typical non-ferrous metal mining area of Tongling, Eastern China. <i>Environmental Pollution</i> , <b>2019</b> , 254, 113089	9.3	55
413	Molecular dynamics simulation of electric field driven water and heavy metals transport through fluorinated carbon nanotubes. <b>2019</b> , 278, 658-671		12
412	Soil treatment and crop rotation for in situ remediation of heavy metal-contaminated agricultural soil in gold mining areas. <b>2019</b> , 25, 374-392		8
411	Variation of heavy metal contamination between mushroom species in the Copperbelt province, Zambia: are the people at risk?. <b>2019</b> , 99, 3410-3416		7
410	Risk of Metal Contamination in Agriculture Crops by Reuse of Wastewater: An Ecological and Human Health Risk Perspective. <b>2019</b> , 55-79		5
409	An apple a day? Assessing gardeners' lead exposure in urban agriculture sites to improve the derivation of soil assessment criteria. <b>2019</b> , 122, 130-141		28
408	Influence of different organic geo-sorbents on <i>Spinacia oleracea</i> grown in chromite mine-degraded soil: a greenhouse study. <b>2019</b> , 19, 2417-2432		9
407	Heavy metals uptake and transport by native wild plants: implications for phytoremediation and restoration. <i>Environmental Earth Sciences</i> , <b>2019</b> , 78, 1	2.9	11
406	The association of microbial activity with Fe, S and trace element distribution in sediment cores within a natural wetland polluted by acid mine drainage. <b>2019</b> , 231, 432-441		7
405	Determination of heavy metals and health risk assessment of cheese products consumed in Greece. <b>2019</b> , 82, 103238		17
404	Phosphate addition diminishes the efficacy of wollastonite in decreasing Cd uptake by rice ( <i>Oryza sativa</i> L.) in paddy soil. <i>Science of the Total Environment</i> , <b>2019</b> , 687, 441-450	10.2	21
403	Bioaccumulation and heavy metal concentration in tissues of some commercial fishes from the Meghna River Estuary in Bangladesh and human health implications. <b>2019</b> , 145, 436-447		56
402	Probabilistic health risk assessment of heavy metals in honey, <i>Manihot esculenta</i> , and <i>Vernonia amygdalina</i> consumed in Enugu State, Nigeria. <b>2019</b> , 191, 424		5
401	Prediction and risk assessment of five heavy metals in maize and peanut: A case study of Guangxi, China. <b>2019</b> , 70, 103199		17
400	Heavy metals' bio-accumulation and transfer in lemon balm ( <i>Melissa officinalis</i> L.) irrigated with industrial wastewater. <b>2019</b> , 23, 238		11
399	Comparison of the feasibility of different washing solutions for combined soil washing and phytoremediation for the detoxification of cadmium (Cd) and zinc (Zn) in contaminated soil. <b>2019</b> , 230, 510-518		53
398	Risk assessment of heavy metal contamination of paddy soil and rice ( <i>Oryza sativa</i> ) from Abakaliki, Nigeria. <b>2019</b> , 191, 350		10

397	Bioaccumulation and Health Risk Assessment of Heavy Metals in the Soil-Rice System in a Typical Seleniferous Area in Central China. <b>2019</b> , 38, 1577-1584		25
396	Distribution and speciation of copper in rice ( <i>Oryza sativa</i> L.) from mining-impacted paddy soil: Implications for copper uptake mechanisms. <b>2019</b> , 126, 717-726		40
395	Micronutrient and heavy metal concentrations in basil plant cultivated on irradiated and non-irradiated sewage sludge- treated soil and evaluation of human health risk. <b>2019</b> , 104, 141-150		18
394	Effects of copper mining on heavy metal contamination in a rice agrosystem in the Xiaojiang River Basin, southwest China. <b>2019</b> , 38, 753-773		17
393	Recycling of Organic Wastes in Agriculture: An Environmental Perspective. <b>2019</b> , 13, 409-429		62
392	Accumulation and distribution of arsenic and cadmium in winter wheat ( <i>Triticum aestivum</i> L.) at different developmental stages. <i>Science of the Total Environment</i> , <b>2019</b> , 667, 532-539	10.2	28
391	Assessment of heavy metals in foods and adult dietary intake estimates. <b>2019</b> , 11, 261-268		4
390	Health risk assessment through determining bioaccumulation of iron in forages grown in soil irrigated with city effluent. <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 14277-14286	5.1	27
389	Chemometric Assessment of Soil Pollution and Pollution Source Apportionment for an Industrially Impacted Region around a Non-Ferrous Metal Smelter in Bulgaria. <b>2019</b> , 24,		0
388	Shrink-Induced Microelectrode Arrays for Trace Mercury Ions Detection. <b>2019</b> , 19, 2435-2441		4
387	In Vitro and In Vivo Testing to Determine Cd Bioaccessibility and Bioavailability in Contaminated Rice in Relation to Mouse Chow. <i>International Journal of Environmental Research and Public Health</i> , <b>2019</b> , 16,	4.6	3
386	Human-health probabilistic risk assessment: the role of exposure factors in an urban garden scenario. <b>2019</b> , 185, 191-199		17
385	Refined assessment of heavy metal-associated health risk due to the consumption of traditional animal medicines in humans. <b>2019</b> , 191, 171		16
384	Is mining harmful or beneficial? A survey of local community perspectives in China. <b>2019</b> , 6, 584-592		18
383	Application of arc emission spectrometry and portable X-ray fluorescence spectrometry to rapid risk assessment of heavy metals in agricultural soils. <b>2019</b> , 101, 583-594		25
382	Assessment of heavy metals contamination in selected tropical marine fish species in Bangladesh and their impact on human health. <b>2019</b> , 11, 100210		17
381	Novel coumarin-based containing denrons selective fluorescent chemosensor for sequential recognition of Cu <sup>2+</sup> and PPI. <b>2019</b> , 75, 1997-2003		15
380	Antioxidative enzymes activity and thiol metabolism in three leafy vegetables under Cd stress. <b>2019</b> , 173, 214-224		20

379	Dietary consumption of metal(loid)s-contaminated rice grown in croplands around industrial sectors: a human health risk perspective. <b>2019</b> , 16, 8505-8516		1
378	Heavy metals in food crops: Health risks, fate, mechanisms, and management. <b>2019</b> , 125, 365-385		553
377	Human health risk assessment of potential toxic elements in paddy soil and rice ( <i>Oryza sativa</i> ) from Ugbawka fields, Enugu, Nigeria. <b>2019</b> , 17, 1050-1060		8
376	Toxicological assessment of Pb, Cd and Cr in lettuce and onion grown around Ellala River in Mekelle, Tigray, Ethiopia. <b>2019</b> , 11, 287		0
375	Heavy metal concentration and health risk assessment in commonly sold vegetables in Dhaka city market. <b>2019</b> , 54, 357-366		5
374	Hazards assessment of the intake of trace metals by common mallow ( <i>K.</i> ) growing in polluted soils. <b>2019</b> , 21, 1397-1406		4
373	Heavy Metal in Paddy Soil and its Bioavailability in Rice Using In Vitro Digestion Model for Health Risk Assessment. <i>International Journal of Environmental Research and Public Health</i> , <b>2019</b> , 16,	4.6	5
372	Size-fractionated particle-bound heavy metals and perfluoroalkyl substances in dust from different indoor air. <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 36720-36731	5.1	3
371	Spatial distribution of heavy metals in crops in a wastewater irrigated zone and health risk assessment. <b>2019</b> , 168, 382-388		52
370	Estimating heavy metal concentrations in suburban soils with reflectance spectroscopy. <b>2019</b> , 336, 59-67		63
369	The reduction of toxic metals of various rice types by different preparation and cooking processes - Human health risk assessment in Tehran households, Iran. <b>2019</b> , 280, 294-302		33
368	Human health risks of heavy metals in paddy rice based on transfer characteristics of heavy metals from soil to rice. <b>2019</b> , 175, 339-348		110
367	Kriging methods with auxiliary nighttime lights data to detect potentially toxic metals concentrations in soil. <i>Science of the Total Environment</i> , <b>2019</b> , 659, 363-371	10.2	9
366	Heavy metals in human urine, foods and drinking water from an e-waste dismantling area: Identification of exposure sources and metal-induced health risk. <b>2019</b> , 169, 707-713		45
365	Metal content in edible crops and agricultural soils due to intensive use of fertilizers and pesticides in Terras da Costa de Caparica (Portugal). <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 2512-2522	5.1	17
364	A comprehensive mitigation strategy for heavy metal contamination of farmland around mining areas - Screening of low accumulated cultivars, soil remediation and risk assessment. <i>Environmental Pollution</i> , <b>2019</b> , 245, 820-828	9.3	31
363	Effect of biochar on heavy metal accumulation in potatoes from wastewater irrigation. <b>2019</b> , 232, 153-164		40
362	Trace metals in e-waste lead to serious health risk through consumption of rice growing near an abandoned e-waste recycling site: Comparisons with PBDEs and AHFRs. <i>Environmental Pollution</i> , <b>2019</b> , 247, 46-54	9.3	33

361	Health risk assessment of heavy metals in the soil-water-rice system around the Xiazhuang uranium mine, China. <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 5904-5912	5.1	21
360	Effect of phosphate on amorphous iron mineral generation and arsenic behavior in paddy soils. <i>Science of the Total Environment</i> , <b>2019</b> , 657, 644-656	10.2	24
359	Oxidative and haemostatic effects of copper, manganese and mercury, alone and in combination at physiologically relevant levels: An ex vivo study. <b>2019</b> , 38, 419-433		8
358	Health risks to local residents from the exposure of heavy metals around the largest copper smelter in China. <b>2019</b> , 171, 329-336		43
357	Human health risk assessment for some toxic metals in widely consumed rice brands (domestic and imported) in Tehran, Iran: Uncertainty and sensitivity analysis. <b>2019</b> , 277, 145-155		55
356	Trace elements in soil-vegetables interface: Translocation, bioaccumulation, toxicity and amelioration - A review. <i>Science of the Total Environment</i> , <b>2019</b> , 651, 2927-2942	10.2	148
355	Different exposure profile of heavy metal and health risk between residents near a Pb-Zn mine and a Mn mine in Huayuan county, South China. <b>2019</b> , 216, 352-364		39
354	Assessment of environmental and ergonomic hazard associated to printing and photocopying: a review. <b>2019</b> , 41, 1187-1211		6
353	Health risk assessment by consumption of vegetables irrigated with reclaimed waste water: A case study in Thika (Kenya). <b>2019</b> , 231, 576-581		32
352	Rice Grain Quality. <b>2019</b> ,		2
351	Determination of Cadmium Concentration in Milled and Brown Rice Grains Using Graphite Furnace Atomic Absorption Spectrometry. <b>2019</b> , 1892, 265-275		1
350	Concentrations, speciation, and ecological risk of heavy metals in the sediment of the Songhua River in an urban area with petrochemical industries. <b>2019</b> , 219, 538-545		59
349	Potential health risk consequences of heavy metal concentrations in surface water, shrimp () and fish () from Benin River, Nigeria. <b>2019</b> , 6, 1-9		76
348	Heavy metals in eggs and chicken and the associated human health risk assessment in the mining areas of Singhbhum copper belt, India. <b>2019</b> , 74, 161-170		9
347	Concentration, Source, and Potential Human Health Risk of Heavy Metals in the Commonly Consumed Medicinal Plants. <b>2019</b> , 187, 41-50		52
346	Shrink-induced ultrasensitive mercury sensor with graphene and gold nanoparticles self-assembly. <b>2019</b> , 25, 11-17		4
345	Potential health risk of heavy metals via consumption of rice and vegetables grown in the industrial areas of Bangladesh. <b>2020</b> , 26, 921-943		47
344	Strontium Contamination in the Environment. <b>2020</b> ,		9

343	Human health risk assessment of toxic elements in fish species collected from the river Buriganga, Bangladesh. <b>2020</b> , 26, 120-146	5
342	Physico-chemical characteristics and heavy metal concentrations of copper mine wastes in Zambia: implications for pollution risk and restoration. <b>2020</b> , 31, 1283-1293	25
341	Assessment of heavy metals in foods around the industrial areas: health hazard inference in Bangladesh. <b>2020</b> , 35, 280-295	20
340	Spatial distribution and molecular speciation of copper in indigenous plants from contaminated mine sites: Implication for phytostabilization. <b>2020</b> , 381, 121208	19
339	Proficiency testing as a tool to assess quality of data: the experience of the EU Reference Laboratory for chemical elements in food of animal origin. <b>2020</b> , 92, 383-390	1
338	Accumulation of Essential and Trace Elements in Guar ( <i>Cyamopsis tetragonoloba</i> ) and Guar Gum Cultivated in Semi-arid Regions of Sindh, Pakistan. <b>2020</b> , 194, 581-588	2
337	Using human hair and nails as biomarkers to assess exposure of potentially harmful elements to populations living near mine waste dumps. <b>2020</b> , 42, 1197-1209	16
336	Uptake, Transport, and Remediation of Strontium. <b>2020</b> , 99-119	1
335	Comprehensive comparison of probabilistic health risks of soil heavy metals in China's mining areas. <b>2020</b> , 26, 2059-2077	2
334	Contamination of vegetables with heavy metals across the globe: hampering food security goal. <b>2020</b> , 57, 391-403	12
333	Accumulation characteristics of tungsten (W) and its potential health risk assessment in the soil-vegetable system under field conditions. <b>2020</b> , 20, 599-608	2
332	Quantification of metal uptake in <i>Spinacia oleracea</i> irrigated with water containing a mixture of CuO and ZnO nanoparticles. <b>2020</b> , 243, 125239	17
331	Changes in heavy metal accumulation in some edible landscape plants depending on traffic density. <b>2020</b> , 192, 78	34
330	Blood lead levels among Chinese children: The shifting influence of industry, traffic, and e-waste over three decades. <b>2020</b> , 135, 105379	26
329	Biochar reduced the uptake of toxic heavy metals and their associated health risk via rice ( <i>Oryza sativa</i> L.) grown in Cr-Mn mine contaminated soils. <b>2020</b> , 17, 100590	20
328	Mining institutions, contention and credibility: Applying the Conflict Analysis Model to court cases in China. <b>2020</b> , 7, 1011-1021	6
327	Organic soil additives for the remediation of cadmium contaminated soils and their impact on the soil-plant system: A review. <i>Science of the Total Environment</i> , <b>2020</b> , 707, 136121	10.2 47
326	Concentration of trace metals in winter wheat and spring barley as a result of digestate, cattle slurry, and mineral fertilizer application. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 4769-4785	51 6

325	Soil amendments for immobilization of potentially toxic elements in contaminated soils: A critical review. <b>2020</b> , 134, 105046		352
324	Naturally selected dominant weeds as heavy metal accumulators and excluders assisted by rhizosphere bacteria in a mining area. <b>2020</b> , 243, 125365		14
323	Accumulation and distribution of heavy metals in soil and food crops around the ship breaking area in southern Bangladesh and associated health risk assessment. <b>2020</b> , 2, 1		13
322	Insight into nitrogen and phosphorus enrichment on cadmium phytoextraction of hydroponically grown <i>Salix matsudana</i> Koidz cuttings. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 8406-8417 <sup>5.1</sup>		11
321	Biochar efficacy for reducing heavy metals uptake by Cilantro ( <i>Coriandrum sativum</i> ) and spinach ( <i>Spinacia oleracea</i> ) to minimize human health risk. <b>2020</b> , 244, 125543		22
320	Spatial distribution of potentially toxic elements in urban soils of Abbottabad city, (N Pakistan): Evaluation for potential risk. <b>2020</b> , 153, 104489		18
319	Impact of environmental contaminants on reproductive health of male domestic ruminants: a review. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 3819-3836	5.1	6
318	Metallic elements in human hair from residents in smelting districts in northeast China: Environmental factors and differences in ingestion media. <b>2020</b> , 182, 108914		4
317	Metal pollution index and daily dietary intake of metals through consumption of vegetables. <b>2020</b> , 17, 3271-3278		5
316	Bioavailability of trace metals and rare earth elements (REE) from the tropical soils of a coal mining area. <i>Science of the Total Environment</i> , <b>2020</b> , 717, 134484	10.2	20
315	Detection of heavy metals using laser-induced breakdown spectroscopy technique for both horse hair and goat hair. <b>2020</b> , 32, 042004		4
314	Cadmium pollution alters earthworm activity and thus leaf-litter decomposition and soil properties. <i>Environmental Pollution</i> , <b>2020</b> , 267, 115410	9.3	10
313	Effect of boiling and grilling on some heavy metal residues in crabs and shrimps from the Mediterranean Coast at Damietta region with their probabilistic health risk assessment. <b>2020</b> , 93, 103606		12
312	Bioaccumulation of heavy metals in <i>Rastrelliger kanagurta</i> along the coastal waters of Visakhapatnam, India. <b>2020</b> , 160, 111658		3
311	Guidelines for urban community gardening: Proposal of preliminary indicators for several ecosystem services (Rome, Italy). <b>2020</b> , 56, 126866		13
310	Risk assessment of hazardous elements in wastewater irrigated soil and cultivated vegetables in Pakistan. <b>2020</b> , 13, 1		1
309	Lateral distribution of potential toxic elements from lead-zinc mine sites within Enyigba, Southeastern Nigeria. <i>Environmental Earth Sciences</i> , <b>2020</b> , 79, 1	2.9	3
308	Spatial distribution of heavy metals in rice grains, rice husk, and arable soil, their bioaccumulation and associated health risks in Haryana, India. <b>2020</b> , 1-13		3



307	Cadmium toxicity in cowpea plant: Effect of foliar intervention of nano-TiO on tissue Cd bioaccumulation, stress enzymes and potential dietary health risk. <b>2020</b> , 310, 54-61		31
306	Effect of irrigation water system's distribution on rice cadmium accumulation in large mild cadmium contaminated paddy field areas of Southwest China. <i>Science of the Total Environment</i> , <b>2020</b> , 746, 141248	10.2	4
305	Leaching characteristics of heavy metals in tailings and their simultaneous immobilization with triethylenetetramine functioned montmorillonite (TETA-Mt) against simulated acid rain. <i>Environmental Pollution</i> , <b>2020</b> , 266, 115236	9.3	20
304	Effect of Copper Contamination on Plant Growth and Metal Contents in Rice Plant ( <i>Oryza Sativa</i> L.). <b>2020</b> , 51, 2349-2360		5
303	Quantifying ecological and human health risks of heavy metals from different sources in farmland soils within a typical mining and smelting industrial area. <b>2020</b> , 1		1
302	Effect of modified graphene oxide on Cu and phosphorus in eutrophic river sediments. <b>2020</b> , 82, 787-798		1
301	Bioaccumulation of potentially toxic elements in spinach grown on contaminated soils amended with organic fertilizers and their subsequent human health risk. <b>2020</b> , 13, 1		4
300	Heavy metal (As, Cd, and Pb) concentration in selected leafy vegetables from Jengka, Malaysia, and potential health risks. <b>2020</b> , 2, 1		3
299	When does environmental corporate social responsibility promote managerial ties in China? The moderating role of industrial power and market hierarchy. <b>2020</b> , 26, 642-662		2
298	Ecological risk assessment of heavy metals in soils around mining area: comparison of different assessment methods. <b>2020</b> , 525, 012074		
297	Lead, Zinc and Cadmium Accumulation, and Associated Health Risks, in Maize Grown near the Kabwe Mine in Zambia in Response to Organic and Inorganic Soil Amendments. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	6
296	Wastewater Reuse in Agriculture: Effects on Soil-Plant System Properties. <b>2020</b> , 79-102		2
295	Trace element concentrations in six fish species from freshwater lentic environments and evaluation of possible health risks according to international standards of consumption. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 27598-27608	5.1	8
294	Copper accumulation in agricultural soils: Risks for the food chain and soil microbial populations. <i>Science of the Total Environment</i> , <b>2020</b> , 734, 139434	10.2	26
293	Accumulation and bioaccessibility of toxic metals in root tubers and soils from gold mining and farming communities in the Ashanti region of Ghana. <b>2020</b> , 1-11		5
292	<i>Brevibacillus laterosporus</i> ZN5 Induces Different Carbonate Precipitations of Lead in Ammonification and Nitrate Assimilation Processes. <b>2020</b> , 37, 764-773		1
291	An Uncertainty Assessment of Human Health Risk for Toxic Trace Elements Using a Sequential Indicator Simulation in Farmland Soils. <b>2020</b> , 12, 3852		0
290	Phytostabilization of Cd and Pb in Highly Polluted Farmland Soils Using Ramie and Amendments. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	14

289	Efficacy of fenugreek plant for ascorbic acid assisted phytoextraction of copper (Cu); A detailed study of Cu induced morpho-physiological and biochemical alterations. <b>2020</b> , 251, 126424		14
288	Use of Dietary Components to Reduce the Bioaccessibility and Bioavailability of Cadmium in Rice. <b>2020</b> , 68, 4166-4175		6
287	Assessment of Trace Elements in the Demersal Fishes of a Coastal River in Bangladesh: a Public Health Concern. <b>2020</b> , 36, 641-655		14
286	Assessment of the Heavy Metal Accumulation of Various Green Vegetables Grown in NevEhir and their Risks Human Health. <b>2020</b> , 192, 483		8
285	Presence of toxic metals in rice with human health hazards in Tangail district of Bangladesh. <b>2020</b> , 1-21		22
284	Role of Leaf Litter on the Incorporation of Copper-Containing Pesticides into Soils Under Fruit Production: a Review. <b>2020</b> , 20, 990-1000		10
283	Bioavailability and bioaccessibility of cadmium in contaminated rice by in vivo and in vitro bioassays. <i>Science of the Total Environment</i> , <b>2020</b> , 719, 137453	10.2	11
282	Geoassessment of heavy metals in rural and urban floodplain soils: health implications for consumers of <i>Celosia argentea</i> and <i>Corchorus olitorius</i> vegetables in Sagamu, Nigeria. <b>2020</b> , 192, 164		4
281	lead tolerance and accumulation in three cultivars for phytoremediation purposes with ornamental plants. <b>2020</b> , 22, 1110-1121		7
280	Concentrations, source apportionment and potential health risk of toxic metals in foodstuffs of Bangladesh. <b>2020</b> , 1-14		24
279	Accumulation and risk assessment of metals in palm oil cultivated on contaminated oil palm plantation soils. <b>2020</b> , 7, 324-334		12
278	Relationship between heavy metals and alpha particles as a marker of environmental pollution in rice consumed in Najaf, Iraq. <b>2020</b> , 6, e03134		1
277	Celery and Celeriac: A Critical View on Present and Future Breeding. <b>2019</b> , 10, 1699		8
276	Development of a new noncarcinogenic heavy metal pollution index for quality ranking of vegetable, rice, and milk. <b>2020</b> , 113, 106214		9
275	Risk analysis of heavy metal contamination in soil, vegetables and fish around Challawa area in Kano State, Nigeria. <b>2020</b> , 7, e00281		9
274	Soil-plant system and potential human health risk of Chinese cabbage and oregano growing in soils from Mn- and Fe-abandoned mines: microcosm assay. <b>2020</b> , 42, 4073-4086		7
273	Organic and Inorganic Fertilizer Contaminants in Agriculture: Impact on Soil and Water Resources. <b>2020</b> , 3-41		7
272	Contamination and health risk assessment of heavy metals in cereals, legumes, and their products: A case study based on the dietary structure of the residents of Beijing, China. <b>2020</b> , 260, 121001		14

271	Comparative analysis of lead content during food processing. <b>2020</b> , 29, 1063-1069		3
270	Geochemical features and potential environmental implications of heavy metals in mining-impacted sediments, south China. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 18672-18684 <sup>1</sup>		5
269	Distribution and mobilization of heavy metals at an acid mine drainage affected region in South China, a post-remediation study. <i>Science of the Total Environment</i> , <b>2020</b> , 724, 138122	10.2	41
268	Heavy metals in face paints: Assessment of the health risks to Chinese opera actors. <i>Science of the Total Environment</i> , <b>2020</b> , 724, 138163	10.2	11
267	Determination and Analysis of Trace Elements in Five Kinds of Traditional Chinese Medicine in High Blood Pressure Medicinal Food by ICP-AES. <b>2020</b> , 2020, 1-7		2
266	Rice cultivars significantly mitigate cadmium accumulation in grains and its bioaccessibility and toxicity in human HL-7702 cells. <i>Environmental Pollution</i> , <b>2021</b> , 272, 116020	9.3	6
265	Health risk and temporal trend of dietary potentially toxic elements exposure in the residents of the Shenzhen metropolis, China, between 2005 and 2017: a risk assessment based on probabilistic estimation. <b>2021</b> , 43, 113-126		
264	In-situ immobilization of cadmium-polluted upland soil: A ten-year field study. <b>2021</b> , 207, 111275		13
263	Assessment of the heavy metal pollution and health risks of rice cultivated in Hainan Island, China. <b>2021</b> , 22, 63-74		4
262	Role of temperature, wind, and precipitation in heavy metal contamination at copper mines: a review. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 4056-4072	5.1	7
261	Facile preparation and application of AlxMgFe2-xO4 nanoparticles as a magnetic nano-sorbent for preconcentration of cadmium. <b>2021</b> , 853, 157203		3
260	The role of green roofs in urban Water-Energy-Food-Ecosystem nexus: A review. <i>Science of the Total Environment</i> , <b>2021</b> , 756, 143876	10.2	13
259	Land application of sewage sludge biochar: Assessments of soil-plant-human health risks from potentially toxic metals. <i>Science of the Total Environment</i> , <b>2021</b> , 756, 144137	10.2	10
258	Polydiacetylenes Functionalized with Chelidamic Acid and 2,2'-Dipicolylamine for Colorimetric Responses to Cadmium Ions. <b>2021</b> , 42, 140-143		2
257	Effects of vegetation restoration on accumulation and translocation of heavy metals in post-mining areas. <b>2021</b> , 32, 2000-2012		2
256	Health risk assessment of heavy metals exposure via consumption of crops grown in phosphogypsum-contaminated soils. <b>2021</b> , 43, 1953-1981		5
255	Phytoavailability and human risk assessment of heavy metals in soils and food crops around Sutlej river, India. <b>2021</b> , 263, 128321		26
254	Risk assessment of heavy metals in milk from cows reared around industrial areas in India. <b>2021</b> , 43, 1799-18156		

253	Risk assessment and hotspots identification of heavy metals in rice: A case study in Longyan of Fujian province, China. <b>2021</b> , 270, 128626		9
252	Bioaccumulation of cadmium in different genotypes of wheat crops irrigated with different sources of water in agricultural regions. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 2468-2478	5.1	1
251	Industrial land expansion in rural China threatens environmental securities. <b>2021</b> , 15, 1		9
250	Lead, cadmium, and aluminum in raw bovine milk: Residue level, estimated intake, and fate during artisanal dairy manufacture. <b>2021</b> , 8, 454-464		1
249	Health Risk Assessment of Food Crops Fumigated with Metal Based Pesticides Grown in North-Eastern Nigeria. <b>2021</b> , 15, 1-10		1
248	Heavy metals toxicity to food crops and application of microorganisms in bioremediation. <b>2021</b> , 421-434		1
247	A review of bioremediation of hydrocarbon contaminated soils in Niger Delta area of Nigeria. <b>2021</b> , 46, 23-39		
246	Removal of Pb from Water: The Effectiveness of Gypsum and Calcite Mixtures. <b>2021</b> , 11, 66		1
245	Heavy Metals Induced Physiological and Biochemical Changes in Fenugreek ( <i>Trigonella foenum-graceum</i> L.). <b>2021</b> , 239-258		
244	Mercury accumulation in vegetable <i>Houttuynia cordata</i> Thunb. from two different geological areas in southwest China and implications for human consumption. <b>2021</b> , 11, 52		3
243	Impact of Irrigation with Polluted River Water on the Accumulation of Toxic Metals in Soil and Crops in the Region of Dhaka, Bangladesh and Potential Effects on Health. <b>2021</b> , 8, 219-237		1
242	Soil Threshold Values for Zn Based on Soil-Rice System and Health Risk Assessment in a Typical Carbonate Area of Guangxi. <b>2021</b> , 106, 146-152		
241	Cytogenetic Study on Mitotic Cell Division in <i>Allium cepa</i> by Lead (Pb) and Chromium (Cr) Containing Bacterial Strain Isolated from Tannery Effluents of Bangladesh. <b>2021</b> , 2, 084-090		
240	Cadmium, lead, and zinc immobilization in soil using rice husk biochar in the presence of citric acid. 1		2
239	Review of Sewage Sludge as a Soil Amendment in Relation to Current International Guidelines: A Heavy Metal Perspective. <b>2021</b> , 13, 2317		8
238	Application of biosolids (sewage sludge) in agricultural soils: a case study for corn seed LVN10. <b>2021</b> , 1126, 012030		
237	Hazardous Heavy Metals Accumulation and Health Risk Assessment of Different Vegetable Species in Contaminated Soils from a Typical Mining City, Central China. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	10
236	Investigation of remote sensing image and big data analytic for urban garden landscape design and environmental planning. <b>2021</b> , 14, 1		4

235	Residual contents and health risk assessment of mercury, lead and cadmium in sardine and mackerel from the Mediterranean Sea Coast, Egypt. <b>2021</b> , 96, 103749		2
234	Bioremediation. <b>2021</b> , 15-40		3
233	Status and risks of selenium deficiency in a traditional selenium-deficient area in Northeast China. <i>Science of the Total Environment</i> , <b>2021</b> , 762, 144103	10.2	12
232	Investigation of plant contamination to Ni, Pb, Zn, and Cd and its relationship with spectral reflections. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 37830-37842	5.1	1
231	Heavy metal concentrations in soils and two vegetable crops ( <i>Corchorus olitorius</i> and <i>Solanum nigrum</i> L.), their transfer from soil to vegetables and potential human health risks assessment at selected urban market gardens of Yaoundé/Cameroon. 1-22		5
230	Influence of Mining Activities on Arsenic Concentration in Rice in Asia: A Review. <b>2021</b> , 11, 472		0
229	Metal accumulations in aquatic organisms and health risks in an acid mine-affected site in South China. <b>2021</b> , 43, 4415-4440		4
228	Potential Risk of Consuming Vegetables Planted in Soil with Copper and Cadmium and the Influence on Vegetable Antioxidant Activity. <b>2021</b> , 11, 3761		1
227	Deep seafloor plastics as the source and sink of organic pollutants in the northern South China Sea. <i>Science of the Total Environment</i> , <b>2021</b> , 765, 144228	10.2	8
226	Assessment of Metals Concentrations in Soils of Abu Dhabi Emirate Using Pollution Indices and Multivariate Statistics. <b>2021</b> , 9,		16
225	Transfer of metal element in soil plant chicken food chain: health risk assessment. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 47619-47627	5.1	1
224	Rice genotype's responses to arsenic stress and cancer risk: The effects of integrated birnessite-modified rice hull biochar-water management applications. <i>Science of the Total Environment</i> , <b>2021</b> , 768, 144531	10.2	4
223	Understanding Potential Heavy Metal Contamination, Absorption, Translocation and Accumulation in Rice and Human Health Risks. <b>2021</b> , 10,		13
222	Horizontal Distribution of Cadmium in Urban Constructed Wetlands: A Case Study. <b>2021</b> , 13, 5381		4
221	Concentration distribution, enrichment and controlling factors of metals in Al-Shuaiba Lagoon sediments, Eastern Red Sea, Saudi Arabia. <i>Environmental Earth Sciences</i> , <b>2021</b> , 80, 1	2.9	0
220	Health significant alarms of toxic carcinogenic risk consumption of blood meal metals contamination in poultry at a gold mining neighborhood, northern Thailand. <b>2021</b> , 1		0
219	Potential risks from the accumulation of heavy metals in canola plants. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 52529-52546	5.1	3
218	Immobilization of Cadmium by Molecular Sieve and Wollastonite Is Soil pH and Organic Matter Dependent. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	1

217	Assessment of Non-Carcinogenic and Carcinogenic Risks Due to Ingestion of Vegetables Grown Under Sewage Water Irrigated Soils Near a 33 Years Old Landfill Site in Kolkata, India. 1		6
216	Bioaccumulation and human health risk assessment of trace metals in the freshwater mussel <i>Cristaria plicata</i> in Dongting Lake, China. <b>2021</b> , 104, 335-350		12
215	Improvement of Soil Microbial Diversity through Sustainable Agricultural Practices and Its Evaluation by -Omics Approaches: A Perspective for the Environment, Food Quality and Human Safety. <b>2021</b> , 9,		18
214	Detection of land degradation caused by historical Zn-Pb mining using electrical resistivity tomography. <b>2021</b> , 32, 3296-3314		
213	Heavy metals accumulation and risk assessment in a soil-maize ( <i>Zea mays</i> L.) system around a zinc-smelting area in southwest China. <b>2021</b> , 43, 4875-4889		4
212	A modelling study of a buffer zone in abating heavy metal contamination from a gold mine of Hainan Province in nearby agricultural area. <b>2021</b> , 287, 112299		4
211	A Combined Remediation Strategy of Arsenic and Cadmium in the Paddy Soil of Polymetallic Mining Areas. <b>2021</b> , 107, 1220-1226		0
210	Impact of Silver Nanoparticles in Wastewater on Heavy Metal Transport in Soil and Uptake by Radish Plants. <b>2021</b> , 232, 1		2
209	Survival strategies and dominant phylotypes of maize-rhizosphere microorganisms under metal(loid)s contamination. <i>Science of the Total Environment</i> , <b>2021</b> , 774, 145143	10.2	12
208	Synergistic interaction of fungal endophytes, <i>Paecilomyces formosus</i> LHL10 and <i>Penicillium funiculosum</i> LHL06, in alleviating multi-metal toxicity stress in <i>Glycine max</i> L. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 67429-67444	5.1	6
207	Dietary Metals (Pb, Cu, Cd, Zn) Exposure and Associated Health Risks in Baia Mare Area, Northwestern Romania. <b>2021</b> , 2, 580-592		0
206	Cadmium pollution of soil-rice ecosystems in rice cultivation dominated regions in China: A review. <i>Environmental Pollution</i> , <b>2021</b> , 280, 116965	9.3	19
205	Offsite effects of mining on the frequency and abundance of five understory plant species in western Québec (Canada). <b>2021</b> , 99, 449-455		0
204	Comprehensive assessment of heavy metal risk in soil-crop systems along the Yangtze River in Nanjing, Southeast China. <i>Science of the Total Environment</i> , <b>2021</b> , 780, 146567	10.2	8
203	Mechanism of lead pollution detection in soil using terahertz spectrum. 1		1
202	Fluorogenic recognition of Zn <sup>2+</sup> , Cd <sup>2+</sup> by a new Pyrazoline-based Multi-Analyte chemosensor and its application in live cell imaging. <b>2021</b> , 130, 108735		3
201	Probabilistic health risk assessment and concentration of trace elements in meat, egg, and milk of Iran. 1-12		
200	Heavy metals levels and associated health risk assessment of <i>Euphorbia granulata</i> Forssk. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 1	5.1	

199	Biochar blended humate and vermicompost enhanced immobilization of heavy metals, improved wheat productivity, and minimized human health risks in different contaminated environments. <i>Journal of Environmental Chemical Engineering</i> , <b>2021</b> , 9, 105700	6.8	13
198	Methods, principles and applications of optical detection of metal ions. <b>2021</b> , 417, 129125		11
197	Cadmium biosorption and mechanism investigation using a novel <i>Bacillus subtilis</i> KC6 isolated from pyrite mine. <b>2021</b> , 312, 127749		0
196	Hydroponic Phytoremediation of Ni, Co, and Pb by <i>Iris Sibirica</i> L.. <b>2021</b> , 13, 9400		2
195	Health risk assessment of trace metals in selected food crops at Abuakwa South Municipal, Ghana. <b>2021</b> , 193, 609		2
194	Critical Review of Lead Pollution in Bangladesh. <b>2021</b> , 11, 210902		1
193	Dietary risk of milk contaminated with lead and cadmium in areas near mining-metallurgical industries in the Central Andes of Peru. <b>2021</b> , 220, 112382		2
192	Activation of biochar through exoenzymes prompted by earthworms for vermibiochar production: A viable resource recovery option for heavy metal contaminated soils and water. <b>2021</b> , 278, 130458		14
191	The Carcinogenic and Non-Carcinogenic Health Risks of Metal(oid)s Bioaccumulation in Leafy Vegetables: A Consumption Advisory. 9,		6
190	Evaluation of macro and trace elements content of wild edible Iranian plants and their contribution to dietary reference intakes. <b>2021</b> , 102, 104049		2
189	Ecological and human health risk evaluation of potential toxic metals in paddy soil, rice plants, and rice grains ( <i>Oryza sativa</i> ) of Omor Rice Field, Nigeria. <b>2021</b> , 193, 620		5
188	Application of cadmium prediction models for rice and maize in the safe utilization of farmland associated with tin mining in Hezhou, Guangxi, China. <i>Environmental Pollution</i> , <b>2021</b> , 285, 117202	9.3	3
187	Simultaneous determination and risk assessment of highly toxic pesticides in the market-sold vegetables and fruits in China: A 4-year investigational study. <b>2021</b> , 221, 112428		2
186	Heavy Metal Levels in Milk and Cheese Produced in the Kvemo Kartli Region, Georgia. <b>2021</b> , 10,		5
185	Tracing the pollution and human risks of potentially toxic elements in agricultural area nearby the cyanide baths from an active private gold mine in Hainan Province, China. <b>2021</b> , 1		0
184	Risk assessment of heavy metals in soils and edible parts of vegetables grown on sites contaminated by an abandoned steel plant in Havana. <b>2021</b> , 1		2
183	Remediation of heavy metals in contaminated soil by using nano-bentonite, nano-hydroxyapatite, and nano-composite. <b>2021</b> , 32, 4562		2
182	Is "Wild" a Food Quality Attribute? Heavy Metal Content in Wild and Cultivated Sea Buckthorn and Consumers' Risk Perception. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	0

181	Bioaccessibility and bioavailability adjusted dietary exposure of cadmium for local residents from a high-level environmental cadmium region. <b>2021</b> , 420, 126550	2
180	Human risk associated with the ingestion of artichokes grown in soils irrigated with water contaminated by potentially toxic elements, Junin, Peru. <b>2021</b> , 28, 5952-5962	0
179	The concentration of potentially hazardous elements (PHEs) in drinking water and non-carcinogenic risk assessment: A case study in Bandar Abbas, Iran. <b>2021</b> , 201, 111567	2
178	Analysis of the levels of metal(loid)s in environmental compartments in Ireland towards a screening measure for potential relative risk using open-source datasets. <b>2021</b> , 298, 113531	3
177	Phytoremediation of cadmium contaminated soils by <i>Amaranthus Hypochondriacus</i> L.: The effects of soil properties highlighting cation exchange capacity. <b>2021</b> , 283, 131067	17
176	Pollutant source, ecological and human health risks assessment of heavy metals in soils from coal mining areas in Xinjiang, China. <b>2021</b> , 202, 111702	18
175	Biochar amendment to advance contaminant removal in anaerobic digestion of organic solid wastes: A review. <b>2021</b> , 341, 125827	5
174	A critical review on various remediation approaches for heavy metal contaminants removal from contaminated soils. <b>2022</b> , 287, 132369	56
173	Ameliorative effects of morel mushroom ( <i>Morchella esculenta</i> ) against Cadmium-induced reproductive toxicity in adult male rats. <b>2021</b> , 82, e250865	
172	Risk factors and assessment strategies for the evaluation of human or environmental risk from metal(loid)s - A focus on Ireland. <i>Science of the Total Environment</i> , <b>2022</b> , 802, 149839	10.2 8
171	Compost-assisted phytoremediation. <b>2022</b> , 243-264	1
170	Potassium and Nitrogen Fertilization vs. Trace Element Content of Maize ( <i>Zea mays</i> L.). <b>2021</b> , 11, 96	3
169	Macro-, micro-, and trace element distributions in areca nut, husk, and soil of northeast India. <b>2021</b> , 193, 65	2
168	The Effect of Aeration on Mn(II) Sorbed to Clay Minerals and Its Impact on Cd Retention. <b>2021</b> , 55, 1650-1658	4
167	Monitoring and impact assessment approaches for heavy metals. <b>2021</b> , 57-86	1
166	Assessment of Levels and Health Risks of Trace Metals in Soils and Food Crops Cultivated on Farmlands Near Enyigba Mining Sites, Ebonyi State, Nigeria. <b>2021</b> , 84, 1288-1294	0
165	Lead Pollution and Human Exposure: Forewarned is Forearmed, and the Question Now Becomes How to Respond to the Threat!. <b>2020</b> , 33-65	4
164	Metal Levels in Wild Edible Vegetables. <b>2015</b> , 169-235	1



163	Toxic Metals in Crops: A Burgeoning Problem. <b>2020</b> , 273-301	3
162	A Comprehensive Evaluation of Heavy Metal Contamination in Foodstuff and Associated Human Health Risk: A Global Perspective. <b>2020</b> , 33-63	19
161	The human impacts level and migration of heavy metals in original inshore sediments of Dongying, China. <b>2020</b> , 24, 1	4
160	Vegetable <i>Houttuynia cordata</i> Thunb. as an important human mercury exposure route in Kaiyang county, Guizhou province, SW China. <b>2020</b> , 197, 110575	7
159	Quality assessment and potential health risk of heavy metals in leafy and non-leafy vegetables irrigated with groundwater and municipal-waste-dominated stream in the Western Region, Ghana. <b>2020</b> , 6, e05829	8
158	Phytocapping of Mine Waste at Derelict Mine Sites in New South Wales. <b>2017</b> , 215-239	3
157	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. <b>2016</b> , 3,	6
156	Health risk assessment of selected heavy metals in gari (cassava flake) sold in some major markets in Yenagoa metropolis, Nigeria. <b>2018</b> , 4,	2
155	Monitoring and health risk assessment of selected trace metals in wheat rice and soil samples. <b>2020</b> , 40, 917-923	4
154	Assessment of Arsenic Concentrations and Estimated Daily Intake of Arsenic from Rice ( <i>Oryza sativa</i> ) in Ron Phibun District, Southern Thailand. <b>2017</b> , 8, 517-520	4
153	GRG(YEYURT) Pb Zn MADENEVRESİNDE YETEN Pb-Zn-Cd AKMİDATB.	0
152	HEAVY METALS IN SOIL AND VEGETABLES AND THEIR EFFECT ON HEALTH. <b>2017</b> , 2, 17-27	5
151	Effect of Irrigation with Industrial Effluent and Well Water on the Levels of Heavy Metals in Wheat (Case Study of Alborz Industrial Center). <b>2019</b> , 9, 484-495	2
150	Contamination and Health Risks from Heavy Metals (Cd and Pb) and Trace Elements (Cu and Zn) in Dairy Products. <b>2017</b> , 5, 49-57	7
149	Levels of Heavy Metals in some Commercially available Rice on the Liberian Market. <b>2018</b> , 62-69	1
148	Human Health Risk Assessment and Safety Threshold of Harmful Trace Elements in the Soil Environment of the Wulantuga Open-Cast Coal Mine. <b>2015</b> , 5, 837-848	13
147	Determination of Heavy Metal Contamination in Soil and Accumulation in Cassava ( <i>Manihot Esculenta</i> ) in Automobile Waste Dumpsite at Ohiya Mechanic Village. <b>2020</b> , 4, 54-69	2
146	Toxic Elements in Animal Products and Environmental Health. <b>2011</b> , 6, 228-232	30

145	Metals Concentrations in Eggs of Domestic Avian and Estimation of Health Risk from Eggs Consumption. <b>2011</b> , 11, 448-453		20
144	Assessment of heavy metal pollution in soils and crops of industrial sites, Isfahan, Iran. <b>2013</b> , 16, 97-100		11
143	Heavy Metal Content in Soil and Medicinal Plants in High Traffic Urban Area. <b>2011</b> , 10, 618-624		10
142	Potential Health Impacts of Heavy Metal Concentrations in Fresh and Marine Water Fishes Consumed in Southeast, Nigeria. <b>2018</b> , 17, 647-653		5
141	An assessment of Some Toxic, Essential Elements and Natural Radioactivity, in Most Common Fish Consumed in Jeddah-Saudi Arabia. <b>2016</b> , 07, 301-311		2
140	Heavy Metal Contamination of Vegetables. <b>2016</b> , 07, 996-1004		19
139	Occurrence of selected metals in feed and sheep's milk from areas with different environmental burden. <b>2018</b> , 12,		1
138	Public Health Risk Assessment of Heavy Metal Uptake by Vegetables Grown at a Waste-water-Irrigated Site in Dhaka, Bangladesh. <b>2015</b> , 5, 78-85		13
137	Energy-Dispersive X-ray (EDX) fluorescence based analysis of heavy metals in marble powder, paddy soil and rice ( <i>Oryza sativa</i> L.) with potential health risks in District Malakand, Khyber Pakhtunkhwa, Pakistan. <b>2021</b> , 33, 301-316		1
136	Sustainable Biochar Effects on the Bioavailability of Heavy Metals: A 2-Crop Season Site Practice Near a Lead-Zinc Smelter in Feng County, China.		
135	An approach for evaluating the bioavailability and risk assessment of potentially toxic elements using edible and inedible plants-the Remance (Panama) mining area as a model. <b>2021</b> , 1		0
134	Human health risk assessment of lead (Pb) through the environmental-food pathway. <i>Science of the Total Environment</i> , <b>2021</b> , 810, 151168	10.2	4
133	Effect of a Passivator Synthesized by Wastes of Iron Tailings and Biomass on the Leachability of Cd/Pb and Safety of Pak Choi ( <i>Brassica chinensis</i> L.) in Contaminated Soil. <i>Processes</i> , <b>2021</b> , 9, 1866	2.9	1
132	Potential toxic elements in sediment and fishes of an important fish breeding river in Bangladesh: a preliminary study for ecological and health risks assessment. 1-14		6
131	Gas Anomalies in the Air Above the Sulfide Tailings and Adjacent Soils in Komsomolsk Settlement (Kemerovo Region, Russia). <b>2021</b> , 232, 1		
130	Remediation of metal-contaminated mine tailings by the application of organic and mineral amendments. 1		3
129	Potential health risks assessment cognate with selected heavy metals contents in some vegetables grown with four different irrigation sources near Lahore, Pakistan.. <b>2022</b> , 29, 1813-1824		1
128	Investigation and Risk Assessment of Heavy Metals Contamination around an Abandoned Metal Mine in Korea. <b>2010</b> , 36, 456-464		1

127	Heavy Metal Accumulation in Edible Part of Eleven Crops Cultivated in Metal Contaminated Soils and Their Bio-concentration Factor. <b>2015</b> , 34, 260-267	2
126	Monitoring of Cd, Hg, Pb, and As and Risk Assessment for Commercial Medicinal Plants. <b>2015</b> , 34, 282-287	5
125	Concentrations and Health Risk Assessment of Heavy Metals from Market Rice and Vegetables in Pearl Delta River Area. <b>2017</b> , 07, 155-163	
124	Pb Zn - Cd ACCUMULATOR PLANTS GROWN AROUND THE GRG(YES[YURT) Pb Zn MINE, -MALATYA, TURKEY. 1-1	
123	Dynamics of Heavy Metal(loid)s in Mine Soils. <b>2017</b> , 259-288	
122	Effect of different rates and methods of application of NPK-fertilizers on the quality of potato tubers. <b>2018</b> , 23, 101-110	1
121	Lead potential bioaccumulation in two species of commonly used medicinal plants in Leyte. <b>2018</b> , 1-14	
120	Effects of E-waste on Immune System of Preschool Children. <b>2019</b> , 153-158	
119	Health Risk Assessment on Selected Essential and Non-Essential Elements in Food Crops Grown in Kibera Slum, Nairobi-Kenya. <b>2019</b> , 10, 635-647	
118	Effects of Soil Water Management on the Yield and Pb Concentration of Rice Grain in Pb-Polluted Soils. <b>2019</b> , 08, 45-52	
117	Environmental Impact Assessment of Natural Radioactivity, Heavy and Major Metals in Primary Schools Drinking Water. <b>2019</b> , 07, 67-78	
116	E-waste and Their Implications on the Environment and Human Health. <b>2020</b> , 219-232	1
115	Nutritional characterization of various classes of Egyptian beef luncheon. <b>2020</b> , 7, 299-307	0
114	Bioaccumulation and health risk assessment of heavy metals in Musa paradisiaca, Zea mays, Cucumeropsis manii and Manihot esculenta cultivated in Onne, Rivers State, Nigeria. <b>2020</b> , 35, e2020011	1
113	Structure and diversity of fungal communities in long-term copper-contaminated agricultural soil. <i>Science of the Total Environment</i> , <b>2022</b> , 806, 151302	10.2 4
112	Lead in Rice Grain. <b>2020</b> , 93-131	0
111	Effect of home processing methods on the levels of heavy metal contaminants in four food crops grown in and around two mining towns in Ghana. <b>2021</b> , 8, 1830-1838	2
110	Assessment of heavy metal pollution in water, sediment, and fish of the river Ganga at Varanasi, India. <b>2021</b> , 14, 1	1

109	Exploring metal resistance genes and mechanisms in copper enriched metal ore metagenome.		
108	Determination of hazardous substances in food basket eggs in Tehran, Iran: A preliminary study. <b>2015</b> , 6, 155-9		6
107	Health risk assessment of heavy metals in irrigated fruits and vegetables cultivated in selected farms around Kaduna metropolis, Nigeria. <b>2021</b> , 8, 317-329		3
106	Human health risk assessment of toxic elements in soils and crops around Xiaoqinling gold-mining area, Northwestern China. 0958305X2110569		0
105	Exposure of the residents around the Three Gorges Reservoir, China to chromium, lead and arsenic and their health risk via food consumption. <b>2021</b> , 228, 112997		0
104	Heavy Metal Contamination in L. at the Eastern Region of Malaysia and Its Risk Assessment.. <i>International Journal of Environmental Research and Public Health</i> , <b>2022</b> , 19,	4.6	1
103	Macronutrients, trace metals and health risk assessment in agricultural soil and edible plants of Mahshahr City, Iran.. <b>2022</b> , 194, 131		
102	Nanosensors for the detection of heavy trace metals in soil. <b>2022</b> , 329-353		
101	Characterization and Risk Assessment of Heavy Metals in River Sediments on the Western Bank of Taihu Lake, China.. <b>2022</b> , 1		0
100	Comparative evaluation of groundwater, wastewater and canal water for irrigation on toxic metal accumulation in soil and vegetable: Pollution load and health risk assessment. <b>2022</b> , 264, 107515		2
99	Trace Metal Accumulation in Rice Variety Kainat Irrigated with Canal Water. <b>2021</b> , 13, 13739		3
98	Comparing Heavy Metal Pollution in Agricultural Field Located at the Industrial Complex with Calculation of Pollution Index. <b>2021</b> , 54, 10-19		
97	Arsenic Accumulation and Physiological Response of Three Leafy Vegetable Varieties to As Stress.. <i>International Journal of Environmental Research and Public Health</i> , <b>2022</b> , 19,	4.6	1
96	Accumulation of Heavy Metals in Rice (. L) Grains Cultivated in Three Major Industrial Areas of Bangladesh.. <b>2022</b> , 2022, 1836597		0
95	Heavy Metal Pollution and Soil Quality Assessment under Different Land Uses in the Red Soil Region, Southern China.. <i>International Journal of Environmental Research and Public Health</i> , <b>2022</b> , 19,	4.6	1
94	Bioaccumulation and potential human health risks of metals in commercially important fishes and shellfishes from Hangzhou Bay, China.. <b>2022</b> , 12, 4634		0
93	Assessment of the Potential of Umbrella Thorn [ <i>Vachellia tortilis</i> (Forssk.) Galasso & Banfi] for the Rehabilitation of Sub-Saharan Mining Sites at Essakane, North-Eastern Burkina Faso. <b>2022</b> , 10,		
92	Assessment of Potentially Toxic Metals from Mine Tailings and Waste Rocks Around Mining Areas of Oshiri-Ishiagu Region, Southeastern Nigeria. 1		0

91	Leaching characteristics and stabilization of heavy metals in tin-polymetallic tailings by sodium diethyl dithiocarbamate intercalated montmorillonite (DDTC-Mt). <b>2022</b> , 344, 131041		0
90	Sustainable biochar effects on the remediation of contaminated soil: A 2-crop season site practice near a lead-zinc smelter in Feng County, China.. <i>Environmental Pollution</i> , <b>2022</b> , 119095	9.3	1
89	Contamination, probabilistic health risk assessment and quantitative source apportionment of potentially toxic metals (PTMs) in street dust of a highly developed city in north of Iran.. <b>2022</b> , 112962		0
88	Heavy metal pollution risk of cultivated land from industrial production in China: Spatial pattern and its enlightenment.. <i>Science of the Total Environment</i> , <b>2022</b> , 154382	10.2	3
87	Spatial and temporal variations of metal fractions in paddy soil flooding with acid mine drainage.. <b>2022</b> , 212, 113241		0
86	Metal bioaccumulation, translocation and phytoremediation potential of some woody species at mine tailings. <b>2021</b> , 49, 12487		2
85	Phytoremediation of Cadmium Contaminated Soil Using <i>Sesbania sesban</i> L. in Association with <i>Bacillus anthracis</i> PM21: A Biochemical Analysis. <b>2021</b> , 13, 13529		0
84	Changes in the concentrations of selected toxic and essential elements in ewe milk from area with a potentially undisturbed environment. <b>2021</b> , 13, 28-34		
83	Wastewater Pollution, Types and Treatment Methods Assisted Different Amendments. A Review. <b>2022</b> , 293-310		0
82	Efficacy of Various Amendments for the Phytomanagement of Heavy Metal Contaminated Sites and Sustainable Agriculture. A Review. <b>2022</b> , 239-272		0
81	Dataset-based assessment of heavy metal contamination in freshwater fishes and their health risks.. <i>Environmental Science and Pollution Research</i> , <b>2022</b> , 1	5.1	
80	Impacts of Clay Mining Activities on Aquatic Ecosystems: A Critical Review. <b>2022</b> , 11, 128-134		
79	Using the Halophyte <i>Crithmum maritimum</i> in Green Roofs for Sustainable Urban Horticulture: Effect of Substrate and Nutrient Content Analysis including Potentially Toxic Elements. <b>2022</b> , 14, 4713		0
78	Heavy Metals Contaminants in Watercress ( <i>Nasturtium officinale</i> R. BR.): Toxicity and Risk Assessment for Humans along the Swat River Basin, Khyber Pakhtunkhwa, Pakistan. <b>2022</b> , 14, 4690		0
77	Cadmium Contamination in Agricultural Soils and Crops. <b>2022</b> , 1-30		0
76	A Circular Economy Approach to Restoring Soil Substrate Ameliorated by Sewage Sludge with Amendments.. <i>International Journal of Environmental Research and Public Health</i> , <b>2022</b> , 19,	4.6	1
75	Appraisal of heavy metals exposure risks via water pathway by using a combination pollution indices approaches, and the associated potential health hazards on population, Red Sea State, Sudan. <b>2022</b> , 103153		1
74	Fluoride exposure and its potential health risk assessment through ingestion of food in the mica mining areas of Jharkhand, India. 1-14		

73	Assessment of Heavy Metal Concentrations in the Upland Soils of Gyeongnam Province. <b>2018</b> , 51, 289-295		1
72	Estimating cadmium-lead concentrations in rice blades through fractional order derivatives of foliar spectra. <b>2022</b> , 219, 177-188		0
71	Contamination and ecological risk assessment of toxic metals in Awetu watershed stream waters and sediments, Ethiopia. <b>2022</b> , 194,		
70	Ecological Health Risk Assessment and Source Identification of Heavy Metals in Surface Soil Based on a High Geochemical Background: A Case Study in Southwest China. <b>2022</b> , 10, 282		1
69	Health Risks for a Rural Community in Bokkos, Plateau State, Nigeria, Exposed to Potentially Toxic Elements from an Abandoned Tin Mine.		0
68	Woodland for Sludge Disposal in Beijing: Sustainable?. <b>2022</b> , 14, 7444		
67	Heavy metals analysis (Cd, Pb, Zn, Cu, Cr) and calcium in Padang and Padang Panjang fresh cow milk. <b>2022</b> , 1038, 012076		
66	Bioaccumulation of trace elements in agricultural crops and soils irrigated by the surface waters of Sebou and Beht rivers. <b>2022</b> , 59-68		
65	Rapid Determination of As and Pb Concentrations in Soil Based Binary Grey Wolf Optimization and Partial Least Squares Regression.		0
64	A Bibliometric Analysis of the Scientific Research on Artisanal and Small-Scale Mining. <i>International Journal of Environmental Research and Public Health</i> , <b>2022</b> , 19, 8156	4.6	0
63	Maternal and fetal exposure to metal(loid)s, maternal nutrition status, and impact on prenatal growth in an energy rich zone and an urban area along the Persian Gulf. <i>Environmental Pollution</i> , <b>2022</b> , 119779	9.3	0
62	Accumulation of As and Pb in vegetables grown in agricultural soils polluted by historical mining in Zacatecas, Mexico. <i>Environmental Earth Sciences</i> , <b>2022</b> , 81,	2.9	0
61	Speciation and bioaccessibility of arsenic in rice under different cooking methods and its implication in risk assessment. <i>Environmental Science and Pollution Research</i> ,	5.1	
60	Tolerance of soil bacterial community to tetracycline antibiotics induced by As, Cd, Zn, Cu, Ni, Cr, and Pb pollution. <i>Soil</i> , <b>2022</b> , 8, 437-449	5.8	0
59	Microbial Remediation: A Promising Tool for Reclamation of Contaminated Sites with Special Emphasis on Heavy Metal and Pesticide Pollution: A Review. <i>Processes</i> , <b>2022</b> , 10, 1358	2.9	0
58	Responses of soil fungal taxonomic attributes and enzyme activities to copper and cadmium co-contamination in paddy soils. <i>Science of the Total Environment</i> , <b>2022</b> , 844, 157119	10.2	0
57	Long-term stabilization of lead contaminated soil with a novel dithiocarboxylate functionalized hyperbranched polymer. <i>Journal of Environmental Chemical Engineering</i> , <b>2022</b> , 108214	6.8	0
56	CuO nanoparticles in irrigation wastewater have no detrimental effect on rice growth but may pose human health risks. <i>Science of the Total Environment</i> , <b>2022</b> , 847, 157602	10.2	0

55	Accumulation Characteristics and Pollution Evaluation of Soil Heavy Metals in Different Land Use Types: Study on the Whole Region of Tianjin. <b>2022</b> , 19, 10013	0
54	Lead absorption capacity in different parts of plants and its influencing factors: a systematic review and meta-analysis.	
53	Heavy Metals in Commonly Consumed Root and Leafy Vegetables in Dhaka City, Bangladesh, and Assessment of Associated Public Health Risks. <b>2022</b> , 11,	1
52	Mining and socio-ecological systems: A systematic review of Sub-Saharan Africa. <b>2022</b> , 78, 102947	0
51	Microstructural and compaction characteristics of tropical black clay soil subgrade modified with lead-zinc mine tailings. <b>2022</b> , 321, 115980	
50	Are the vegetables grown in the soil of municipal solid waste dumping sites safe for human health? An assessment from trace elements contamination and associated health risks. <b>2022</b> , 18, 100731	
49	Effect of Polishing on Lead and Cadmium Bioavailability in Rice and Its Health Implications. <b>2022</b> , 11, 2718	0
48	Agronomic, breeding, and biotechnological interventions to mitigate heavy metal toxicity problems in agriculture. <b>2022</b> , 10, 100374	0
47	Metal and metalloids speciation, fractionation, bioavailability, and transfer toward plants. <b>2022</b> , 29-50	0
46	Cytotoxicity of metal/metalloids pollution in plants. <b>2022</b> , 371-394	0
45	Modifications in elemental contents of edible portions of plants exposed to engineered nanomaterials. <b>2022</b> , 49-81	0
44	Uptake, Accumulation and Translocation of Heavy Metals in Cauliflower Grown in Integrated Industrial Effluent Irrigated Soil in District Haridwar (Uttarakhand). <b>2022</b> , 1-17	0
43	Safety and Technical Feasibility of Sustainable Reuse of Shale Gas Flowback and Produced Water after Advanced Treatment Aimed at Wheat Irrigation. <b>2022</b> , 10, 12540-12551	0
42	Health risk assessment of heavy metals in soils and food crops from a coexist area of heavily industrialized and intensively cropping in the Chengdu Plain, Sichuan, China. 10,	1
41	Health Risk of Ingested Heavy Metals in Fluidized Canned Milks: Are We Drinking Heavy Metals?. <b>2022</b> , 2022, 1-8	0
40	Heavy Metals: Transport in Plants and Their Physiological and Toxicological Effects. <b>2022</b> , 23-54	0
39	Investigation of the Distribution of Heavy Metals in the Soil of the Dahuangshan Mining Area of the Southern Junggar Coalfield, Xinjiang, China. <b>2022</b> , 12, 1332	1
38	Concentrations, bioaccumulation, and health risk assessments of heavy metals in fishes from Nigeria's freshwater: a general overview.	0

37	Environmental Contamination and Health Risk Assessment to Toxic Elements in an Active Lead-Zinc Mining Area.	0
36	Determination of cadmium in Chinese pepper and its health implications based on bioaccessibility.	0
35	Bioaccumulation of Organophosphorus (OPs) and Carbamate (CBs) Residues in Cultured Pangas Catfish ( <i>Pangasius pangasius</i> ) and Health Risk Assessment. <b>2022</b> , 2022, 1-9	0
34	Risk Assessment of Potentially Toxic Metals and Metalloids in Soil, Water and Plant Continuum of Fragrant Rice. <b>2022</b> , 12, 2480	1
33	Trace element contamination in rice and its potential health risks to consumers in North-Central Vietnam.	0
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