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Health risks of heavy metals in contaminated soils and food crops irrigated with wastewater in Beijing, China

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1504	Heavy Metals in Soils Irrigated with Wastewater. 2010 , 247-285		1
1503	Mercury and cadmium contamination of irrigation water, sediment, soil and shallow groundwater in a wastewater-irrigated field in Tianjin, China. 2010 , 84, 336-41		30
1502	Effects of Cd and Pb on soil microbial community structure and activities. 2010 , 17, 288-96		238
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1500	A New Framework Integrating Environmental Effects into Technology Evaluation. 2010 , 95, 543-556		5
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1473	Heavy Metals in Contaminated Soils: A Review of Sources, Chemistry, Risks and Best Available Strategies for Remediation. 2011 , 2011, 1-20		1408
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1469	Impact of model uncertainty on soil quality standards for cadmium in rice paddy fields. 2011 , 409, 3098-105		39
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1467	Trace metal uptake by tropical vegetables grown on soil amended with urban sewage sludge. <i>Environmental Pollution</i> , 2011 , 159, 368-76	9.3	85
1466	The function of constructed wetland in reducing the risk of heavy metals on human health. 2011 , 181, 531-7		14
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1462	Distribution of heavy metal contents and chemical fractions in anaerobically digested manure slurry. 2011 , 164, 268-82	56
1461	Inventory of heavy metal content in organic waste applied as fertilizer in agriculture: evaluating the risk of transfer into the food chain. 2011 , 18, 918-39	74
1460	Heavy metal contamination and risk assessment in water, paddy soil, and rice around an electroplating plant. 2011 , 18, 1623-32	126
1459	Heavy metals health risk assessment for population via consumption of vegetables grown in old mining area; a case study: Banat County, Romania. 2011 , 5, 64	206
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1457	Health risk assessment of heavy metals and their source apportionment in drinking water of Kohistan region, northern Pakistan. 2011 , 98, 334-343	363
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1455	In vitro binding capacities of three dietary fibers and their mixture for four toxic elements, cholesterol, and bile acid. 2011 , 186, 236-9	89
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1445	Isolation and characterization of heavy metal tolerant Gram-positive bacteria with bioremediation properties from municipal waste rich soil of Kestopur canal (Kolkata), West Bengal, India. 2012 , 67, 827-836	29

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1442	Characterization of heavy metal pollution in the paddy soils of Xiangyin County, Dongting lake drainage basin, central south China. 2012 , 67, 2261-2268	35
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1439	Heavy metal accumulation in vegetables grown in a long-term wastewater-irrigated agricultural land of tropical India. 2012 , 184, 6673-82	65
1438	Dietary intake of pollutant aerosols via vegetables influenced by atmospheric deposition and wastewater irrigation. 2012 , 76, 200-8	49
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1435	Application of principal component analysis in the pollution assessment with heavy metals of vegetable food chain in the old mining areas. 2012 , 6, 156	58
1434	Heavy metals in vegetables and potential risk for human health. 2012 , 69, 54-60	130
1433	Environmental and Health Impacts of Successive Mineral Fertilization in Egypt. 2012 , 40, 356-363	25
1432	Spatial Distribution and Risk Assessment of As, Cd, Cu, Pb, and Zn in Topsoil at Rayong Province, Thailand. 2012 , 223, 1931-1943	22
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1430	Heavy metal characteristics in KoBni Field plant system (Republic of Macedonia). 2012 , 34, 513-26	7
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1420	Heavy metal contamination in the water-level fluctuating zone of the Yangtze River within Wanzhou Section, China. 2012 , 145, 268-72	14
1419	Effect of long-term application of treated sewage water on heavy metal accumulation in vegetables grown in northern India. 2012 , 184, 1025-36	93
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1417	Environmental quality assessment and spatial pattern of potentially toxic elements in soils of Guangdong Province, China. 2013 , 70, 1903-1910	22
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1383	Environment Quality Evaluation of Heavy Metals in Agricultural Soils of Shilou Town in Fangshan District of Beijing. 2013 , 864-867, 1658-1664	
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1380	Transfer of Metals from Soil to Crops in an Area near a Coal Gangue Pile in the Guqiao Coal Mine, China. 2013 , 46, 1962-1977	29
1379	Enhanced accumulation of copper and lead in amaranth (<i>Amaranthus paniculatus</i>), Indian mustard (<i>Brassica juncea</i>) and sunflower (<i>Helianthus annuus</i>). 2013 , 8, e62941	34
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1369	Risk assessment of heavy metals contamination in paddy soil, plants, and grains (<i>Oryza sativa</i> L.) at the East Coast of India. 2014 , 2014, 545473		73
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1352	Ecological risks and potential sources of heavy metals in agricultural soils from Huanghuai Plain, China. 2014 , 21, 1360-9	61
1351	Synthesis and application of a thermosensitive tri-block copolymer as an efficient sample treatment technique for preconcentration and ultra-trace detection of lead ions. 2014 , 181, 129-137	20
1350	Probing the distribution and contamination levels of 10 trace metal/metalloids in soils near a Pb/Zn smelter in Middle China. 2014 , 21, 4149-62	17
1349	Removal of Cadmium Ion from Water/Wastewater by Nano-metal Oxides: A Review. 2014 , 5, 215-226	87
1348	Heavy metals bioconcentration from soil to vegetables and assessment of health risk caused by their ingestion. 2014 , 157, 256-65	61
1347	Field comparison and crop production modeling of sweet corn and silage maize (<i>Zea mays</i> L.) with treated urban wastewater and freshwater. 2014 , 32, 351-368	14
1346	A metal-organic framework sustained by a nanosized Ag ₁₂ cuboctahedral node for solid-phase extraction of ultra traces of lead(II) ions. 2014 , 181, 999-1007	73
1345	RETRACTED ARTICLE: Effect of lead pollution on soil microbiological index under spinach (<i>Spinacia oleracea</i> L.) cultivation. 2014 , 14, 44-59	12
1344	Human health risk assessment of heavy metals via consumption of contaminated vegetables collected from different irrigation sources in Lahore, Pakistan. 2014 , 7, 91-99	244
1343	Application of biochar to soil reduces cancer risk via rice consumption: a case study in Miaoqian village, Longyan, China. 2014 , 68, 154-61	129
1342	Removal of cadmium ions from wastewater using innovative electronic waste-derived material. 2014 , 273, 118-23	117
1341	Synthesis and surface engineering of magnetic nanoparticles for environmental cleanup and pesticide residue analysis: a review. 2014 , 37, 1805-25	138
1340	Contamination and risk assessment (based on bioaccessibility via ingestion and inhalation) of metal(loid)s in outdoor and indoor particles from urban centers of Guangzhou, China. 2014 , 479-480, 117-24	117
1339	Heavy Metal Contamination as a Global Problem and the Need for Prevention/Reduction Measurements. 2014 , 257-280	3
1338	Geostatistical analyses of spatial distribution and origin of soil nutrients in long-term wastewater-irrigated area in Beijing, China. 2014 , 64, 235-243	3
1337	Source identification and health risk assessment of metals in urban soils around the Tanggu chemical industrial district, Tianjin, China. 2014 , 468-469, 654-62	249

- 1336 Visible and near-infrared reflectance spectroscopy-an alternative for monitoring soil contamination by heavy metals. **2014**, 265, 166-76 193
- 1335 Nanosized Metal Oxide-Based Adsorbents for Heavy Metal Removal: A Review. **2014**, 243-263
- 1334 Trace metals in soil and vegetables and associated health risk assessment. **2014**, 186, 8727-39 63
- 1333 Monitoring and Health Risk Assessment of Heavy Metal Contamination in Food. **2014**, 235-255 4
- 1332 Health risk assessment of Chinese consumers to nickel via dietary intake of foodstuffs. **2014**, 31, 1861-71 9
- 1331 Electrokinetic Remediation Technique: An Integrated Approach to Finding New Strategies for Restoration of Saline Soil and to Control Seawater Intrusion. **2014**, 1, 1104-1117 19
- 1330 Cadmium-zinc exchange and their binary relationship in the structure of Zn-related proteins: a mini review. **2014**, 6, 1313-23 44
- 1329 Heavy metals in cereals and pulses: health implications in Bangladesh. **2014**, 62, 10828-35 59
- 1328 Predicting As, Cd, Cu, Pb and Zn levels in grasses (*Agrostis* sp. and *Poa* sp.) and stinging nettle (*Urtica dioica*) applying soil-plant transfer models. **2014**, 493, 862-71 40
- 1327 Human health risk assessment with spatial analysis: study of a population chronically exposed to arsenic through drinking water from Argentina. **2014**, 499, 166-74 41
- 1326 Heavy metals and trace elements levels in milk and milk products. **2014**, 8, 381-388 58
- 1325 Evaluation of toxicological risk of foodstuffs contaminated with heavy metals in Swat, Pakistan. **2014**, 108, 224-32 48
- 1324 Genotypic and environmental variation in cadmium, chromium, lead and copper in rice and approaches for reducing the accumulation. **2014**, 496, 275-281 63
- 1323 Impact of treated municipal wastewater irrigation on turnip (*Brassica rapa*). **2014**, 9, 200-211 4
- 1322 Contamination status and health risk assessment of trace elements in foodstuffs collected from the Buriganga River embankments, Dhaka, Bangladesh. **2014**, 1, 15
- 1321 The geostatistic-based spatial distribution variations of soil salts under long-term wastewater irrigation. **2014**, 186, 6747-56 12
- 1320 Global research on soil contamination from 1999 to 2012: A bibliometric analysis. **2014**, 64, 377-391 10
- 1319 Consumption of unsafe food in the adjacent area of Hazaribag tannery campus and Buriganga River embankments of Bangladesh: heavy metal contamination. **2014**, 186, 7233-44 30

1318	Uptake and translocation of metals in different parts of crop plants irrigated with contaminated water from DEPZ area of Bangladesh. 2014 , 92, 726-32	21
1317	Irrigational impact of distillery effluent on <i>Abelmoschus esculentus</i> L. Okra with special reference to heavy metals. 2014 , 186, 4169-79	2
1316	Assessment of long-term wastewater irrigation impacts on the soil geochemical properties and the bioaccumulation of heavy metals to the agricultural products. 2014 , 186, 4857-70	32
1315	The evaluation of heavy metal accumulation and application of a comprehensive bio-concentration index for woody species on contaminated sites in Hunan, China. 2014 , 21, 5076-85	37
1314	Simultaneous decontamination of cross-polluted soils with heavy metals and PCBs using a nano-metallic Ca/CaO dispersion mixture. 2014 , 21, 9270-7	18
1313	Bioavailability and soil-to-plant transfer factors as indicators of potentially toxic element contamination in agricultural soils. 2014 , 500-501, 11-22	84
1312	Source identification and hazardous risk delineation of heavy metal contamination in Yanqi basin, northwest China. 2014 , 493, 1098-111	55
1311	Adsorption of Cu(II) from aqueous solution by micro-structured ZnO thin films. 2014 , 20, 2439-2446	26
1310	An ecological risk assessment of heavy metal pollution of the agricultural ecosystem near a lead-acid battery factory. 2014 , 47, 210-218	159
1309	Biochemical and histopathological effects of subchronic oral exposure of rats to a mixture of five toxic elements. 2014 , 71, 166-75	11
1308	Cadmium resistance in extremely halophilic archaeon <i>Haloferax</i> strain BBK2. 2014 , 112, 385-92	21
1307	Soil heavy metal concentrations and their typical input and output fluxes on the southern Song-nen Plain, Heilongjiang Province, China. 2014 , 139, 85-96	56
1306	Real and simulated bioavailability of lead in contaminated and uncontaminated soils. 2014 , 12, 108	14
1305	Heavy Metals in Contaminated Soils: A Review of Sources, Chemistry, Risks and Best Available Strategies for Remediation. 2014 , 33-82	5
1304	Drug-resistant bacterial pathogens in milk and some milk products. 2014 , 44, 241-248	17
1303	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. 2014 , 11, 248	2
1302	Heavy Metals in Contaminated Soils. 2014 , 1-50	5
1301	Treatment of wastewaters contaminated with zinc ions using natural zeolite as adsorbent in a fixed bed column. 2015 , 5, 542-549	1

1300	Competing uses for China's straw: the economic and carbon abatement potential of biochar. 2015 , 7, 1272-1282	84
1299	The possibilities of restoring the enzymatic balance of soil contaminated with cadmium. 2015 , 58, 197	1
1298	Food safety incidents in Beijing: occurrence patterns, causes and wider social implications. 2015 , 1,	2
1297	The dynamic simulation of rice growth parameters under cadmium stress with the assimilation of multi-period spectral indices and crop model. 2015 , 183, 225-234	44
1296	Comparison of heavy metal removal efficiencies in four activated sludge processes. 2015 , 22, 3788-3794	3
1295	Metal Uptake in Plants and Health Risk Assessments in Metal-Contaminated Smelter Soils. 2015 , 26, 785-792	145
1294	The past, present, and future of soils and human health studies. 2015 , 1, 35-46	100
1293	Heavy Metal Residues in Soil and Accumulation in Maize at Long-Term Wastewater Irrigation Area in Tongliao, China. 2015 , 2015, 1-9	27
1292	Assessment of some heavy metals concentration in selected cereals collected from local markets of Ambo City, Ethiopia. 2015 , 6, 8-13	14
1291	Toxicity and Bioaccumulation of Heavy Metals in Spinach (<i>Spinacia oleracea</i>) Grown in a Controlled Environment. 2015 , 12, 7400-16	64
1290	Ecological Risk of Heavy Metals and a Metalloid in Agricultural Soils in Tarkwa, Ghana. 2015 , 12, 11448-65	35
1289	Assessment of Some Heavy Metals Pollution and Bioavailability in Roadside Soil of Alexandria-Marsa Matruh Highway, Egypt. 2015 , 2015, 1-7	36
1288	Determination of heavy metals concentration in traditional herbs commonly consumed in the United Arab Emirates. 2015 , 2015, 973878	67
1287	Assessment of heavy metal pollution in vegetables and relationships with soil heavy metal distribution in Zhejiang province, China. 2015 , 187, 378	41
1286	Irrigation with Treated Wastewater: Potential Impacts on Microbial Function and Diversity in Agricultural Soils. 2015 , 105-128	3
1285	Metal speciation in soil and health risk due to vegetables consumption in Bangladesh. 2015 , 187, 288	42
1284	Socio-economic background of wastewater irrigation and bioaccumulation of heavy metals in crops and vegetables. 2015 , 158, 26-34	44
1283	Thiophene aldehyde-diamino uracil Schiff base: A novel fluorescent probe for detection and quantification of cupric, silver and ferric ions. 2015 , 150, 94-103	27

1282	Change of water sources reduces health risks from heavy metals via ingestion of water, soil, and rice in a riverine area, South China. 2015 , 530-531, 163-170	51
1281	Uptake of manganese, iron, copper, zinc and chromium by <i>Amaranthus cruentus</i> L. irrigated with untreated dye industrial effluent in low land field. 2015 , 3, 2875-2881	3
1280	Field assessment of arsenic immobilization in soil amended with iron rich acid mine drainage sludge. 2015 , 108, 1073-1080	40
1279	Detecting zinc absorption in contaminated soils with tree species. 2015 , 70, 145-148	2
1278	Health risks of metals in contaminated farmland soils and spring wheat irrigated with Yellow River water in Baotou, China. 2015 , 94, 214-9	32
1277	Metal Concentrations in Plants from Mining Areas in South Morocco: Health Risks Assessment of Consumption of Edible and Aromatic Plants. 2015 , 43, 399-407	24
1276	Effect of long-term irrigation with wastewater on growth, biomass production and water use by Eucalyptus (<i>Eucalyptus tereticornis</i> Sm.) planted at variable stocking density. 2015 , 152, 151-160	31
1275	Health Risks from Heavy Metals via Consumption of Cereals and Vegetables in Isfahan Province, Iran. 2015 , 21, 1920-1935	19
1274	Ten key research issues for integrated and sustainable wastewater reuse in the Middle East. 2015 , 22, 5699-710	17
1273	Assessment of exposure to heavy metals and health risks among residents near Tonglushan mine in Hubei, China. 2015 , 127, 127-35	137
1272	Soil heavy metal dynamics and risk assessment under long-term land use and cultivation conversion. 2015 , 22, 264-74	15
1271	Heavy metals in apple orchard soils and fruits and their health risks in Liaodong Peninsula, Northeast China. 2015 , 187, 4178	34
1270	Immobilization of Pb, Cd, and Zn in a contaminated soil using eggshell and banana stem amendments: metal leachability and a sequential extraction study. 2015 , 22, 223-30	37
1269	Impacts of soil and water pollution on food safety and health risks in China. 2015 , 77, 5-15	581
1268	Graphene oxide-packed micro-column solid-phase extraction combined with flame atomic absorption spectrometry for determination of lead (II) and nickel (II) in water samples. 2015 , 95, 16-32	16
1267	Health risk assessment of heavy metals contamination in tomato and green pepper plants grown in soils amended with phosphogypsum waste materials. 2015 , 37, 287-304	40
1266	Total coliforms, arsenic and cadmium exposure through drinking water in the Western Region of Ghana: application of multivariate statistical technique to groundwater quality. 2015 , 187, 1	451
1265	Metal uptake by homegrown vegetables - the relative importance in human health risk assessments at contaminated sites. 2015 , 138, 181-90	71

1264	Dietary Intakes and Health Risk of Toxic and Essential Heavy Metals through the Food Chain in Agricultural, Industrial, and Coal Mining Areas of Northern India. 2015 , 21, 913-933	14
1263	Alleviation of chromium toxicity by glycinebetaine is related to elevated antioxidant enzymes and suppressed chromium uptake and oxidative stress in wheat (<i>Triticum aestivum</i> L.). 2015 , 22, 10669-78	123
1262	Fulvic acid mediates chromium (Cr) tolerance in wheat (<i>Triticum aestivum</i> L.) through lowering of Cr uptake and improved antioxidant defense system. 2015 , 22, 10601-9	92
1261	Removal of cadmium ion from wastewater by carbon-based nanosorbents: a review. 2015 , 13, 18-33	43
1260	Growth and accumulation of heavy metals in turnip (<i>Brassica rapa</i>) irrigated with different concentrations of treated municipal wastewater. 2015 , 46, 60-71	18
1259	Impact of urban and industrial effluents on the coastal marine environment in Oran, Algeria. 2015 , 98, 281-8	14
1258	Translocation of uranium from water to foodstuff while cooking. 2015 , 297, 183-90	3
1257	The uptake and bioaccumulation of heavy metals by food plants, their effects on plants nutrients, and associated health risk: a review. 2015 , 22, 13772-99	374
1256	Ambient air metallic pollutant study at HAF areas during 2013-2014. 2015 , 158-159, 107-121	7
1255	Maintenance of Soil Homeostasis under Exposure to Cadmium. 2015 , 46, 2051-2069	6
1254	Heavy metal accumulation in soils and grains, and health risks associated with use of treated municipal wastewater in subsurface drip irrigation. 2015 , 187, 410	34
1253	Predicting the Children's Blood Lead Level in a Lead and Zinc Smelting Area Based on IEUBK Model. 2015 , 1092-1093, 687-691	0
1252	Determination and health risk assessment of heavy metals in drinking water of Tunceli, Turkey. 2015 , 42, 508-516	13
1251	Using ensemble models to identify and apportion heavy metal pollution sources in agricultural soils on a local scale. <i>Environmental Pollution</i> , 2015 , 206, 227-35	9.3 83
1250	Assessment of the influence of traffic-related particles in urban dust using sequential selective extraction and oral bioaccessibility tests. 2015 , 37, 707-24	18
1249	Quantification of Heavy Metals in Mining Affected Soil and Their Bioaccumulation in Native Plant Species. 2015 , 17, 801-13	47
1248	Source identification of eight heavy metals in grassland soils by multivariate analysis from the Baicheng-Songyuan area, Jilin Province, Northeast China. 2015 , 134, 67-75	88
1247	A framework for a regional integrated food security early warning system: a case study of the Dongting Lake area in China. 2015 , 32, 315-329	10

1246	Effects of sewage water irrigation of cabbage to soil geochemical properties and products safety in peri-urban Peshawar, Pakistan. 2015 , 187, 126	18
1245	Multistatistical approaches for environmental geochemical assessment of pollutants in soils of Gadoon Amazai Industrial Estate, Pakistan. 2015 , 15, 1119-1129	39
1244	Iron, manganese, cadmium, chromium, zinc and arsenic groundwater contents of Agbor and Owa communities of Nigeria. 2015 , 4, 104	17
1243	Heavy metal accumulation in vegetables grown in urban gardens. 2015 , 35, 1139-1147	86
1242	Assessing the Finance and Economics of Resource Recovery and Reuse Solutions Across Scales. 2015 , 113-136	5
1241	Spatial distribution and migration of nonylphenol in groundwater following long-term wastewater irrigation. 2015 , 177-178, 85-92	23
1240	Transfer of heavy metals through terrestrial food webs: a review. 2015 , 187, 201	386
1239	Adsorption of heavy metal ion from aqueous solution by nickel oxide nano catalyst prepared by different methods. 2015 , 24, 27-35	70
1238	Which lesson can be learnt from a historical contamination analysis of the most polluted river in Europe?. 2015 , 524-525, 246-59	14
1237	Lead in soil and agricultural products in the Huainan Coal Mining Area, Anhui, China: levels, distribution, and health implications. 2015 , 187, 152	24
1236	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. 2015 , 22, 18456-68	38
1235	Concentrations of Heavy Metals in Suburban Horticultural Soils and Their Uptake by <i>Artemisia selengensis</i> . 2015 , 25, 878-887	15
1234	Use of statistical and GIS techniques to assess and predict concentrations of heavy metals in soils of Lahore City, Pakistan. 2015 , 187, 636	12
1233	Magnetically recoverable mesoporous melamine-formaldehyde nanoparticles as an efficient adsorbent for hexavalent chromium removal. 2015 , 5, 83788-83794	9
1232	Changes in Contents of Some Heavy Metals in Common Vegetables from Local Markets Over 13 Years. 2015 , 21, 482-490	2
1231	Speciation and determination of inorganic arsenic species in water and biological samples by ultrasound assisted-dispersive-micro-solid phase extraction on carboxylated nanoporous graphene coupled with flow injection-hydride generation atomic absorption spectrometry. 2015 , 5, 93347-93359	24
1230	Health risk assessment of heavy metals via dietary intake of wheat grown in Tianjin sewage irrigation area. 2015 , 24, 2115-24	47
1229	Assessment of Hazardous and Essential Elements in a Food Crop Irrigated with Municipal Sewage Water: Risk Appraisal for Public Health. 2015 , 21, 2126-2136	4

1228	Impacts of Long-Term Irrigation of Domestic Treated Wastewater on Soil Biogeochemistry and Bacterial Community Structure. 2015 , 81, 7143-58		25
1227	Heavy metal pollution in the surface water of the Yangtze Estuary: A 5-year follow-up study. 2015 , 138, 718-25		61
1226	Enhanced Phytoremediation of Crude Oil-Polluted Soil by Four Plant Species: Effect of Inorganic and Organic Bioaugmentation. 2015 , 17, 1253-61		26
1225	Development and comparison of regression models for the uptake of metals into various field crops. <i>Environmental Pollution</i> , 2015 , 207, 357-64	9-3	41
1224	In-situ stabilization of heavy metals in agriculture soils irrigated with untreated wastewater. 2015 , 159, 1-7		26
1223	Health risk assessment of metals in food crops and related soils amended with biogas slurry in Taihu Basin: perspective from field experiment. 2015 , 22, 14358-66		16
1222	Statistical characteristics of selected elements in vegetables from Kosovo. 2015 , 187, 389		9
1221	Co-occurrence of arsenic and fluoride in the groundwater of Punjab, Pakistan: source discrimination and health risk assessment. 2015 , 22, 19729-46		52
1220	Compositional and metabolic quotient analysis of heavy metal contaminated soil after electroremediation. 2015 , 74, 4639-4648		8
1219	Distribution of trace elements in different soils and risk assessment: A case study for the urbanized area in Bangladesh. 2015 , 158, 212-222		19
1218	Health risk assessment of heavy metals through the consumption of food crops fertilized by biosolids: A probabilistic-based analysis. 2015 , 300, 855-865		60
1217	Contamination of soil, medicinal, and fodder plants with lead and cadmium present in mine-affected areas, Northern Pakistan. 2015 , 187, 605		29
1216	Water quality, agriculture and food safety in China: Current situation, trends, interdependencies, and management. 2015 , 14, 2365-2379		50
1215	Health Risk Assessment of Consumption of Heavy Metals in Market Food Crops from Sialkot and Gujranwala Districts, Pakistan. 2015 , 21, 327-337		45
1214	Titanium-based nanocomposite materials: a review of recent advances and perspectives. 2015 , 126, 121-37		70
1213	Insights into the nature of food safety issues in Beijing through content analysis of an Internet database of food safety incidents in China. 2015 , 51, 206-211		29
1212	Urban legacies and soil management affect the concentration and speciation of trace metals in Los Angeles community garden soils. <i>Environmental Pollution</i> , 2015 , 197, 1-12	9-3	44
1211	Evaluation of mercury biotransformation by heavy metal-tolerant <i>Alcaligenes</i> strain isolated from industrial sludge. 2015 , 12, 995-1002		16

1210	Impacts of wastewater irrigation on soil and Alfalfa crop: Case study from Gaza strip. 2015 , 34, 648-654	9
1209	Wastewater reuse in irrigation: a microbiological perspective on implications in soil fertility and human and environmental health. 2015 , 75, 117-35	264
1208	Potential health risk in areas with high naturally-occurring cadmium background in southwestern China. 2015 , 112, 122-31	67
1207	Potential sources of and ecological risks from heavy metals in agricultural soils, Daye City, China. 2015 , 22, 3498-507	45
1206	Pollution Assessment and Potential Sources of Heavy Metals in Agricultural Soils around Four Pb/Zn Mines of Shaoguan City, China. 2015 , 24, 76-89	28
1205	Cultivar-specific differences in heavy metal (Cd, Cr, Cu, Pb, and Zn) concentrations in water spinach (<i>Ipomoea aquatica</i> Borsk.) grown on metal-contaminated soil. 2015 , 386, 251-262	34
1204	Transfer of Heavy Metals and Radionuclides from Soil to Vegetables and Plants in Bangladesh. 2015 , 331-366	10
1203	Assessment of toxic metals in wheat crops grown on selected soils, irrigated by different water sources. 2016 , 9, S1555-S1562	39
1202	Spatial and Seasonal Distribution and Risk Assessments for Metals in a <i>Tamarix Chinensis</i> Wetland, China. 2016 , 36, 125-136	36
1201	Distribution of trace metals in surface water and sediments of Imo River Estuary (Nigeria): Health risk assessment, seasonal and physicochemical variability. 2016 , 8, 1-8	1
1200	Preparation of Highly Cross-linked Magnetic Polymer Composite Particles and Application in the Separation of Arsenic from Water. 2016 , 44, 67-74	1
1199	Assessment of heavy metals and estimation of human health risk in Tilapia fish from Naik Lake of Nagpur, India. 2016 , 8, 22-29	1
1198	Heavy Metals, Phosphates and Nitrates Levels in Vegetables: A Case Study of Kitale Municipality, Trans-Nzoia County, Kenya. 2016 ,	
1197	Distribution of Heavy Metals in the Soils Associated with the Commonly Used Pesticides in Cotton Fields. 2016 , 2016, 7575239	13
1196	A Review of Health Risks and Pathways for Exposure to Wastewater Use in Agriculture. 2016 , 124, 900-9	83
1195	Common Adulterants and Contaminants. 2016 , 25-61	3
1194	Evaluation of Heavy Metal Pollution in the Suame Industrial Area, Kumasi, Ghana. 2016 , 6, 56-63	3
1193	Health Risk Assessment in Calcareous Agricultural Soils Contaminated by Metallic Mining Activity Under Mediterranean Climate. 2016 , 44, 1385-1395	9

1192	Health Risk Assessment of Heavy Metals in Irrigated Agricultural Crops, El-Saff Wastewater Canal, Egypt. 2016 , 44, 1174-1183	10
1191	Levels and potential health risk of heavy metals in marketed vegetables in Zhejiang, China. 2016 , 6, 20317	58
1190	Comprehensive assessment of seldom monitored trace elements pollution in the riparian soils of the Miyun Reservoir, China. 2016 , 23, 20772-20782	8
1189	Prescreening Consumer Acceptance for Edible Lotus Rhizome. 2016 , 26, 657-662	
1188	Efficient removal of Cu(II) and Pb(II) heavy metal ions from water samples using 2,4-dinitrophenylhydrazine loaded sodium dodecyl sulfate-coated magnetite nanoparticles. 2016 , 65, 361-372	12
1187	Evaluation of potential human health risk and investigation of drinking water quality in Isparta city center (Turkey). 2016 , 14, 471-88	22
1186	Integrated ¹ H NMR-based metabolomics analysis of earthworm responses to sub-lethal Pb exposure. 2016 , 13, 792	12
1185	Accumulation of Heavy Metals in Potatoes Grown on Calcareous Soils of the Hamedan, Western Iran. 2016 , 25, 365-377	3
1184	Effects of wastewater applied with discrete irrigation techniques on strawberry plants productivity and the safety, quality characteristics and antioxidant capacity of fruits. 2016 , 173, 48-54	9
1183	Nutrients, heavy metals and phthalate acid esters in solar greenhouse soils in Round-Bohai Bay-Region, China: impacts of cultivation year and biogeography. 2016 , 23, 13076-87	30
1182	Possibilities of low-power X-ray fluorescence spectrometry methods for rapid multielemental analysis and imaging of vegetal foodstuffs. 2016 , 50, 1-9	32
1181	Hydrothermal synthesis of silico-manganese nanohybrid for Cu(II) adsorption from aqueous solution. 2016 , 371, 102-111	14
1180	Evaluation of the impact of organic matter composition on metal speciation in calcareous soil solution: Comparison of Model VI and NICA-Donnan. 2016 , 165, 1-7	11
1179	Potential health risk of selected metals for Polish consumers of oolong tea from the Fujian Province, China. 2016 , 22, 1147-1165	12
1178	Heavy metals in sediments, soils, and aquatic plants from a secondary anabranch of the three gorges reservoir region, China. 2016 , 23, 10415-10425	12
1177	The accumulation of heavy metals in agricultural land and the associated potential ecological risks in Shenzhen, China. 2016 , 23, 1428-40	28
1176	Heavy metal levels in kiwifruit orchard soils and trees and its potential health risk assessment in Shaanxi, China. 2016 , 23, 14560-6	34
1175	Elemental Analysis of Sea, Rock, and Bamboo Salts by Inductively Coupled Plasma-Optical Emission and Mass Spectrometry. 2016 , 49, 2807-2821	13

1174	Greenhouse cultivation mitigates metal-ingestion-associated health risks from vegetables in wastewater-irrigated agroecosystems. 2016 , 560-561, 204-11	39
1173	Assessment of heavy metals in Averrhoa bilimbi and A. carambola fruit samples at two developmental stages. 2016 , 188, 291	0
1172	Heavy metals in soil and plants after long-term sewage irrigation at Tianjin China: A case study assessment. 2016 , 171, 153-161	105
1171	Heavy metals in vegetables sold in the local market in Jordan. 2016 , 9, 223-9	13
1170	Leaf-based physiological, metabolic, and ultrastructural changes in cultivated cotton cultivars under cadmium stress mediated by glutathione. 2016 , 23, 15551-64	32
1169	Multivariate statistical approach to identify metal contamination sources in agricultural soils around Pb/Zn mining area, Isfahan province, Iran. 2016 , 75, 1	9
1168	The Challenges and Solutions for Cadmium-contaminated Rice in China: A Critical Review. 2016 , 92-93, 515-32	339
1167	Root mass ratio: index derived by assimilation of synthetic aperture radar and the improved World Food Study model for heavy metal stress monitoring in rice. 2016 , 10, 026038	4
1166	Accumulation and potential health risks of cadmium, lead and arsenic in vegetables grown near mining sites in Northern Vietnam. 2016 , 188, 525	39
1165	Compost as a Soil Amendment to Remediate Heavy Metal-Contaminated Agricultural Soil: Mechanisms, Efficacy, Problems, and Strategies. 2016 , 227, 1	106
1164	Assessment of heavy metal contamination in the surface sediments: A reexamination into the offshore environment in China. 2016 , 113, 132-140	20
1163	Exposure, Toxicity, Health Impacts, and Bioavailability of Heavy Metal Mixtures. 2016 , 175-234	21
1162	Leachate and Surface Water Characterization and Heavy Metal Health Risk on Cockles in Kuala Selangor. 2016 , 222, 263-271	15
1161	Graphene Oxide Sorption Capacity toward Elements over the Whole Periodic Table: A Comparative Study. 2016 , 120, 24203-24212	44
1160	Investigation of heavy metal contents in Cow milk samples from area of Dhaka, Bangladesh. 2016 , 3,	30
1159	Selection of native plants with phytoremediation potential for highly contaminated Mediterranean soil restoration: Tools for a non-destructive and integrative approach. 2016 , 183, 850-863	41
1158	Assessment of potential risks associated with chemicals in wastewater used for irrigation in arid and semiarid zones: A review. 2016 , 177, 419-431	125
1157	Bioaccumulation of heavy metals in crop plants grown near Almeda Textile Factory, Adwa, Ethiopia. 2016 , 188, 500	18

1156	Desorption of Arsenic Ions from Iron Modified Montmorillonite. 2016 , 864, 134-139	
1155	Evaluating heavy metal accumulation and potential health risks in vegetables irrigated with treated wastewater. 2016 , 163, 54-61	114
1154	Evaluation of Toxic Metals and Their Exposure via Drinking Water of Different Origin Using Multivariate Technique: Health Risk Assessment. 2016 , 6, 272-285	
1153	Toxic Metal Pollution in Pakistan and Its Possible Risks to Public Health. 2017 , 242, 1-60	17
1152	State of the Art of Phytoremediation in Brazil Review and Perspectives. 2016 , 227, 1	8
1151	Uptake and distribution of minerals and heavy metals in commonly grown leafy vegetable species irrigated with sewage water. 2016 , 188, 541	52
1150	Potential ecological and human health risks of heavy metals in surface soils associated with iron ore mining in Pahang, Malaysia. 2016 , 23, 21086-21097	65
1149	Assessment of Heavy Metal Contamination in Vegetables Grown Using Paper Mill Wastewater in Wonji Gefersa, Ethiopia. 2016 , 97, 714-720	6
1148	Lead (Pb ²⁺) adsorption by monodispersed magnetite nanoparticles: Surface analysis and effects of solution chemistry. 2016 , 4, 4237-4247	62
1147	Heavy metal contaminations in soil-rice system: source identification in relation to a sulfur-rich coal burning power plant in Northern Guangdong Province, China. 2016 , 188, 460	27
1146	Assessing the concentration and potential health risk of heavy metals in China's main deciduous fruits. 2016 , 15, 1645-1655	17
1145	Tolerance of <i>Ricinus communis</i> L. to Cd and screening of high Cd accumulation varieties for remediation of Cd contaminated soils. 2016 , 18, 1148-54	11
1144	Elevated levels of arsenic and trace metals in drinking water of Tehsil Mailsi, Punjab, Pakistan. 2016 , 169, 89-99	55
1143	Addition of Vermicompost to Heavy Metal-Contaminated Soil Increases the Ability of Black Oat (<i>Avena strigosa</i> Schreb) Plants to Remove Cd, Cr, and Pb. 2016 , 227, 1	9
1142	Assessment of metals contamination and ecological risk in ait Ammar abandoned iron mine soil, Morocco. 2016 , 35, 32-49	21
1141	Heavy metal concentrations of selected public parks of Istanbul City. 2016 , 64, 02001	2
1140	Health risk assessment of textile effluent reuses as irrigation water in leafy vegetable <i>Basella alba</i> . 2016 , 5, 113-123	7
1139	Health hazards and heavy metals accumulation by summer squash (<i>Cucurbita pepo</i> L.) cultivated in contaminated soils. 2016 , 188, 434	25

1138	Removal of Lead by Nanoscale Zerovalent Iron in Surfacewater. 2016 , 63-71	1
1137	Eco-toxicological effects of two kinds of lead compounds on forest tree seed in alkaline soil. 2016 , 188, 201	4
1136	Bioaccumulation of Trace Metals in Selected Plants within Amin Bazar Landfill Site, Dhaka, Bangladesh. 2016 , 3, 179-194	15
1135	Copper and zinc removal from contaminated soils through soil washing process using ethylenediaminedisuccinic acid as a chelating agent: A modeling investigation. 2016 , 4, 2878-2891	32
1134	Accumulation and health risk of heavy metals in sugarcane irrigated with industrial effluent in some rural areas of Uttarakhand, India. 2016 , 102, 655-666	26
1133	Effects of biochar and alkaline amendments on cadmium immobilization, selected nutrient and cadmium concentrations of lettuce (<i>Lactuca sativa</i>) in two contrasting soils. 2016 , 5, 397	56
1132	Effects of mixed rare earth fertilizer on yield and nutrient quality of leafy vegetables during different seasons. 2016 , 34, 638-643	13
1131	The influence of humic substance on Cd accumulation of phytostabilizer <i>Athyrium wardii</i> (Hook.) grown in Cd-contaminated soils. 2016 , 23, 18524-32	6
1130	Bioaccumulation of nutrients and metals in sediment, water, and phoomdi from Loktak Lake (Ramsar site), northeast India: phytoremediation options and risk assessment. 2016 , 188, 329	13
1129	Environmental behaviors and potential ecological risks of heavy metals (Cd, Cr, Cu, Pb, and Zn) in multimedia in an oilfield in China. 2016 , 23, 13964-72	6
1128	Release of Metals from Sludge Amended Acid and Alkaline Soils Under Different Levels of Moisture and Temperature. 2016 , 86, 1037-1047	
1127	Carcinogenic risk evaluation for human health risk assessment from soils contaminated with heavy metals. 2016 , 13, 2025-2036	42
1126	Heavy metals in soils from a typical county in Shanxi Province, China: Levels, sources and spatial distribution. 2016 , 148, 248-54	129
1125	Comparative health risk surveillance of heavy metals via dietary foodstuff consumption in different land-use types of Pakistan. 2016 , 22, 168-186	26
1124	Estimation of Environmental Pollutants in Vegetables. 2016 , 22, 161-169	2
1123	Health risk assessment from contaminated foodstuffs: a field study in chromite mining-affected areas northern Pakistan. 2016 , 23, 12227-36	22
1122	Increased lead and cadmium tolerance of <i>Typha angustifolia</i> from Huaihe River is associated with enhanced phytochelatin synthesis and improved antioxidative capacity. 2016 , 37, 2743-9	6
1121	Added-value from linking the value chains of wastewater treatment, crop production and bioenergy production: A case study on reusing wastewater and sludge in crop production in Braunschweig (Germany). 2016 , 107, 195-211	25

1120	Monitoring of Lead (Pb) Pollution in Soils and Plants Irrigated with Untreated Sewage Water in Some Industrialized Cities of Punjab, India. 2016 , 96, 443-8	6
1119	Apportionment of heavy metals in soil and vegetables and associated health risks assessment. 2016 , 30, 365-377	55
1118	Risk assessment of heavy metals via consumption of vegetables collected from different supermarkets in La Rochelle, France. 2016 , 188, 136	26
1117	Quantification of inorganic arsenic exposure and cancer risk via consumption of vegetables in southern selected districts of Pakistan. 2016 , 550, 321-329	68
1116	Preliminary assessment of heavy metals in water and sediment of Karnaphuli River, Bangladesh. 2016 , 5, 27-35	197
1115	Cadmium (II) removal mechanisms in microbial electrolysis cells. 2016 , 311, 134-41	65
1114	Contamination of soil and carrots irrigated with different sources of water in Punjab, Pakistan. 2016 , 75, 1	8
1113	A pollution index for agricultural soils. 2016 , 62, 1411-1424	11
1112	The importance of evaluating metal exposure and predicting human health risks in urban-periurban environments influenced by emerging industry. 2016 , 150, 79-89	70
1111	Zinc Oxalate Crystal Formation by <i>Aspergillus nomius</i> . 2016 , 33, 289-293	6
1110	Accumulation of metals and metalloids in radish (<i>Raphanus sativus</i> L.) and spinach (<i>Spinacea oleracea</i> L.) irrigated with domestic wastewater in the peri-urban areas of Khushab City, Pakistan. 2016 , 22, 15-27	2
1109	Inhibition of ethylenediaminetetraacetic acid ferric sodium salt (EDTA-Fe) and calcium peroxide (CaO ₂) on arsenic uptake by vegetables in arsenic-rich agricultural soil. 2016 , 163, 19-27	19
1108	Heavy metals potential health risk assessment through consumption of wastewater irrigated wild plants: A case study. 2016 , 22, 141-152	14
1107	Heavy metals and health risk assessment of arable soils and food crops around Pb/Zn mining localities in Enyigba, southeastern Nigeria. 2016 , 116, 182-189	93
1106	Toxic metal interactions affect the bioaccumulation and dietary intake of macro- and micro-nutrients. 2016 , 146, 121-8	68
1105	Optimizing the Temporal Scale in the Assimilation of Remote Sensing and WOFOST Model for Dynamically Monitoring Heavy Metal Stress in Rice. 2016 , 9, 1685-1695	7
1104	Performance of rose scented geranium (<i>Pelargonium graveolens</i>) in heavy metal polluted soil vis-à-vis phytoaccumulation of metals. 2016 , 18, 754-60	12
1103	Spatial distribution and contamination assessment of six heavy metals in soils and their transfer into mature tobacco plants in Kushtia District, Bangladesh. 2016 , 23, 3414-26	42

1102	Solidification/Stabilization: A Remedial Option for Metal-Contaminated Soils. 2016 , 125-146	4
1101	Heavy metals in soils and road dusts in the mining areas of Western Suzhou, China: a preliminary identification of contaminated sites. 2016 , 16, 204-214	49
1100	Heavy metal contamination in vegetables grown around peri-urban and urban-industrial clusters in Ghaziabad, India. 2016 , 22, 736-752	61
1099	Cadmium accumulation in <i>Panax notoginseng</i> : levels, affecting factors and the non-carcinogenic health risk. 2016 , 38, 423-35	7
1098	Field accumulation risks of heavy metals in soil and vegetable crop irrigated with sewage water in western region of Saudi Arabia. 2016 , 23, S32-44	240
1097	Risk analysis on heavy metal contamination in sediments of rivers flowing into Nansi Lake. 2017 , 24, 26910-26988	
1096	Water quality and geochemistry evaluation of groundwater upstream and downstream of the Khirbet Al-Samra wastewater treatment plant/Jordan. 2017 , 7, 53-69	8
1095	Analysis of heavy metals in <i>Pseudostellaria heterophylla</i> in Baiyi Country of Wudang District. 2017 , 176, 57-63	11
1094	Ecotoxicological risks of the abandoned F-Ba-Pb-Zn mining area of Osor (Spain). 2017 , 39, 665-679	10
1093	Practicability of monitoring soil Cd, Hg, and Pb pollution based on a geochemical survey in China. 2017 , 172, 217-224	10
1092	Assessment of major and trace element bioavailability in vineyard soil applying different single extraction procedures and pseudo-total digestion. 2017 , 171, 284-293	33
1091	Heavy metal contamination and risk assessment of human exposure near an e-waste processing site. 2017 , 67, 119-125	2
1090	Effect of increasing manganese concentration in nutrient solution on the antioxidant activity, vitamin C, lycopene and polyphenol contents of tomato fruit. 2017 , 34, 379-389	18
1089	Influence of Organic Manure and Lime on Cadmium Mobility in Soil and Uptake by Spinach (<i>Spinacia oleracea</i> L.). 2017 ,	2
1088	Cadmium phytoextraction from loam soil in tropical southern China by <i>Sorghum bicolor</i> . 2017 , 19, 572-578	19
1087	Assessment of multiple exposure to chemical elements and health risks among residents near Huodehong lead-zinc mining area in Yunnan, Southwest China. 2017 , 174, 613-627	59
1086	Point-of-Care Detection Devices for Food Safety Monitoring: Proactive Disease Prevention. 2017 , 35, 288-300	68
1085	Application of Ultrasonic Assisted-Dispersive Solid Phase Extraction Based on Ion-Imprinted Polymer Nanoparticles for Preconcentration and Trace Determination of Lead Ions in Food and Water Samples. 2017 , 10, 2454-2466	61

1084	Rice Production in China. 2017 , 33-52		8
1083	Environmentally relevant concentrations of aminopolycarboxylate chelating agents mobilize Cd from humic acid. 2017 , 57, 249-257		15
1082	Relationships between seminal plasma metals/metalloids and semen quality, sperm apoptosis and DNA integrity. <i>Environmental Pollution</i> , 2017 , 224, 224-234	9-3	53
1081	A novel histidine-functionalized 1,8-naphthalimide-based fluorescent chemosensor for the selective and sensitive detection of Hg ²⁺ in water. 2017 , 41, 3303-3307		17
1080	Removal of heavy metals from polluted soil using the citric acid fermentation broth: a promising washing agent. 2017 , 24, 9506-9514		24
1079	Environmental biomonitoring of essential and toxic elements in human scalp hair using accelerated microwave-assisted sample digestion and inductively coupled plasma optical emission spectroscopy. 2017 , 174, 708-715		24
1078	Phyto-Toxicity of Chromium in Maize: Oxidative Damage, Osmolyte Accumulation, Anti-Oxidative Defense and Chromium Uptake. 2017 , 27, 262-273		51
1077	Using Reclaimed Water for Agricultural and Landscape Irrigation in China: a Review. 2017 , 66, 672-686		44
1076	Accumulation characteristics and potential risk of heavy metals in soil-vegetable system under greenhouse cultivation condition in Northern China. 2017 , 102, 367-373		50
1075	Impact of Mine Waste Leachates on Aquatic Environment: A Review. 2017 , 3, 31-37		16
1074	UV-vis spectroscopy and colorimetric models for detecting anthocyanin-metal complexes in plants: An overview of in vitro and in vivo techniques. 2017 , 212, 13-28		61
1073	Root zone selenium reduces cadmium toxicity by modulating tissue-specific growth and metabolism in maize (<i>Zea mays</i> L.). 2017 , 63, 1900-1911		11
1072	Assessment risk to children's health due to consumption of cow's milk in polluted areas in Puebla and Tlaxcala, Mexico. 2017 , 10, 200-207		16
1071	Occurrence of chemical contaminants in peri-urban agricultural irrigation waters and assessment of their phytotoxicity and crop productivity. 2017 , 599-600, 1140-1148		30
1070	Relation of rice intake and biomarkers of cadmium for general population in Korea. 2017 , 43, 209-216		12
1069	Human health risk assessment due to dietary intake of heavy metals through rice in the mining areas of Singhbhum Copper Belt, India. 2017 , 24, 14945-14956		31
1068	Determination of Cu, Zn and Cd in Soil, Water and Food Products in the Vicinity of RMG Gold and Copper Mine, Kazreti, Georgia. 2017 , 15, 269-272		21
1067	The spatial distribution, contamination, and ecological risk assessment of heavy metals of farmland soils in KarashaharBaghrash oasis, northwest China. 2017 , 23, 1300-1314		24

1066	A novel method to remove chromium, vanadium and ammonium from vanadium industrial wastewater using a byproduct of magnesium-based wet flue gas desulfurization. 2017 , 336, 8-20	31
1065	Various soil amendments and environmental wastes affect the (im)mobilization and phytoavailability of potentially toxic elements in a sewage effluent irrigated sandy soil. 2017 , 142, 375-387	71
1064	Accumulation of heavy metals in soil-crop systems: a review for wheat and corn. 2017 , 24, 15209-15225	74
1063	Uptake of hazardous elements by spring onion (<i>Allium fistulosum</i> L.) from soil irrigated with different types of water and possible health risk. 2017 , 76, 1	6
1062	Assessment of the impacts of municipal solid waste dumps on soils and plants. 2017 , 33, 589-606	8
1061	Multiple factors impact the contents of heavy metals in vegetables in high natural background area of China. 2017 , 184, 1388-1395	70
1060	Moisture Influence Reducing Method for Heavy Metals Detection in Plant Materials Using Laser-Induced Breakdown Spectroscopy: A Case Study for Chromium Content Detection in Rice Leaves. 2017 , 89, 7593-7600	38
1059	Nickel in milled rice (<i>Oryza sativa</i> L.) from the three main rice-producing regions in China. 2017 , 10, 69-77	13
1058	Distribution, transfer, and health risks of polycyclic aromatic hydrocarbons (PAHs) in soil-wheat systems of Henan Province, a typical agriculture province of China. 2017 , 24, 18195-18203	14
1057	Health risk assessment of heavy metals via dietary intake of five pistachio (<i>Pistacia vera</i> L.) cultivars collected from different geographical sites of Iran. 2017 , 107, 99-107	48
1056	Soil contamination with cadmium, consequences and remediation using organic amendments. 2017 , 601-602, 1591-1605	281
1055	Measurement of cytotoxicity and heavy metal load in drains water receiving textile effluents and drinking water in vicinity of drains. 2017 , 109, 88-99	43
1054	The antagonistic effect of selenium on lead-induced apoptosis via mitochondrial dynamics pathway in the chicken kidney. 2017 , 180, 259-266	110
1053	Contamination and spatial distribution of heavy metals in soil of Xiangxi River water-level-fluctuating zone of the Three Gorges Reservoir, China. 2017 , 23, 851-863	2
1052	Phytostabilization of heavy metals by the emergent macrophyte <i>Vossia cuspidata</i> (Roxb.) Griff.: A phytoremediation approach. 2017 , 19, 992-999	39
1051	Comparison of three sequential extraction procedures for arsenic fractionation in highly polluted sites. 2017 , 178, 402-410	55
1050	New efficient chelating polymers based on plastic waste for removal of toxic heavy metal pollutants. 2017 , 49, 481-497	2
1049	Ecological and human health risk assessment of agricultural soils based on heavy metals in mining areas of Singhbhum copper belt, India. 2017 , 23, 1008-1027	20

1048	Wastewater in Agriculture: Possibilities and Limitations. 2017 , 215-225	
1047	Exposure to a magnetic field or laser radiation ameliorates effects of Pb and Cd on physiology and growth of young wheat seedlings. 2017 , 169, 171-177	20
1046	The impact of atmospheric dust deposition and trace elements levels on the villages surrounding the former mining areas in a semi-arid environment (SE Spain). 2017 , 152, 256-269	41
1045	Potentially Toxic Metals and Biological Contamination in Drinking Water Sources in Chromite Mining-Impacted Areas of Pakistan: A Comparative Study. 2017 , 9, 275-287	12
1044	Lead and cadmium contamination and exposure risk assessment via consumption of vegetables grown in agricultural soils of five-selected regions of Pakistan. 2017 , 168, 1589-1596	88
1043	Triazole containing magnetic core-silica shell nanoparticles for Pb ²⁺ , Cu ²⁺ and Zn ²⁺ removal. 2017 , 10, 1039-1051	29
1042	Assessment of groundwater quality and health risk in drinking water basin using GIS. 2017 , 15, 112-132	27
1041	Evaluation of Green Waste and Popular Twigs Biochar Produced at Low and High Pyrolytic Temperature for Efficient Removal of Metals from Water. 2017 , 228, 1	2
1040	Health risks in rural populations due to heavy metals found in agricultural soils irrigated with wastewater in the Alto Balsas sub-basin in Tlaxcala and Puebla, Mexico. 2017 , 27, 476-486	11
1039	Tungsten (W) bioavailability in paddy rice soils and its accumulation in rice (<i>Oryza sativa</i>). 2017 , 27, 487-497	5
1038	Evaluating the health risks of potentially toxic elements through wheat consumption in multi-industrial metropolis of Faisalabad, Pakistan. 2017 , 24, 26646-26657	25
1037	Heavy metal contamination in surface water and sediment of the Meghna River, Bangladesh. 2017 , 8, 273-279	57
1036	Long term treated wastewater impacts and source identification of heavy metals in semi-arid soils of Central Botswana. 2017 , 10, 200-214	14
1035	Absorption, transportation and distribution of imidacloprid in maize. 2017 , 1-13	2
1034	Impacts of aquaculture wastewater irrigation on soil microbial functional diversity and community structure in arid regions. 2017 , 7, 11193	16
1033	Heavy metal and metalloid concentrations in soils under pasture of southern New Zealand. 2017 , 11, 18-27	21
1032	Uptake and translocation of polycyclic aromatic hydrocarbons (PAHs) and heavy metals by maize from soil irrigated with wastewater. 2017 , 7, 12165	29
1031	Heavy metals in soils from a typical industrial area in Sichuan, China: spatial distribution, source identification, and ecological risk assessment. 2017 , 24, 16618-16630	35

1030	Rapid assessment of smelter/mining soil contamination via portable X-ray fluorescence spectrometry and indicator kriging. 2017 , 306, 108-119	67
1029	Ultrasonic assisted switchable solvent based on liquid phase microextraction combined with micro sample injection flame atomic absorption spectrometry for determination of some heavy metals in water, urine and tea infusion samples. 2017 , 242, 492-496	40
1028	Brown Algae and Basalt Meal in Maintaining the Activity of Arylsulfatase of Soil Polluted with Cadmium. 2017 , 228, 267	6
1027	Effect of Three Types of Organic Fertilizers on the Heavy Metals Transfer Factor and Maize Biomass. 2017 , 8, 2681-2691	4
1026	Linking Urbanization and the Environment: Conceptual and Empirical Advances. 2017 , 42, 215-240	141
1025	Consumption of heavy metal contaminated foods and associated risks in Bangladesh. 2017 , 189, 651	27
1024	Study of Graphene Oxide Structural Features for Catalytic, Antibacterial, Gas Sensing, and Metals Decontamination Environmental Applications. 2017 , 9, 43393-43414	55
1023	Bioaccumulation of heavy metals in soil and selected food crops cultivated in Kogi State, north central Nigeria. 2017 , 6,	22
1022	Indices of soil contamination by heavy metals - methodology of calculation for pollution assessment (minireview). 2017 , 189, 616	100
1021	Benchmarking the scientific research on wastewater-energy nexus by using bibliometric analysis. 2017 , 24, 27613-27630	11
1020	Elemental Analysis and Metal Intake of Romanian Vegetables. 2017 , 50, 2755-2771	3
1019	Simple and Sensitive Voltammetric Procedure for Determination of Cd(II) and Pb(II) Using Bismuth-Coated Screen-Printed Carbon Electrode Prepared with Mediator. 2017 , 164, H537-H544	9
1018	Removal of Heavy Metals, Lead, Cadmium, and Zinc, Using Adsorption Processes by Cost-Effective Adsorbents. 2017 , 109-138	13
1017	Biochars mitigate greenhouse gas emissions and bioaccumulation of potentially toxic elements and arsenic speciation in Phaseolus vulgaris L. 2017 , 24, 19524-19534	16
1016	Heavy metal contamination in water, soil, and milk of the industrial area adjacent to Swan River, Islamabad, Pakistan. 2017 , 23, 1564-1572	5
1015	Heavy metal accumulation and health risk assessment in wastewater-irrigated urban vegetable farming sites of Addis Ababa, Ethiopia. 2017 , 4,	54
1014	Nutritional evaluation, bioaccumulation and toxicological assessment of heavy metals in edible fruits of FicusurForssk (Moraceae). 2017 , 52, 84-91	6
1013	Health risk assessment through consumption of vegetables rich in heavy metals: the case study of the surrounding villages from Panasqueira mine, Central Portugal. 2017 , 39, 565-589	39

1012	Review on nanoadsorbents: a solution for heavy metal removal from wastewater. 2017 , 11, 213-224	51
1011	Arsenic speciation based on amine-functionalized bimodal mesoporous silica nanoparticles by ultrasound assisted-dispersive solid-liquid multiple phase microextraction. 2017 , 130, 137-146	22
1010	Pattern and concentrations of trace metals in mushrooms harvested from trace metal-polluted soils in Pretoria, South Africa. 2017 , 108, 315-320	16
1009	Bioremediation of cadmium-dichlorophen co-contaminated soil by spent <i>Lentinus edodes</i> substrate and its effects on microbial activity and biochemical properties of soil. 2017 , 17, 315-325	23
1008	Removal of Copper ions from aqueous solutions using polymer derivations of poly (styrene-alt-maleic anhydride). 2017 , 26, 375-389	19
1007	Quality of tube well water intended for irrigation and human consumption with special emphasis on arsenic contamination at the area of Punjab, Pakistan. 2017 , 39, 847-863	43
1006	Heavy metal contamination of water and fish in peri-urban dams around Bulawayo, Zimbabwe. 2017 , 42, 351-358	9
1005	Concentration of heavy metals in Iranian market rice and associated population health risk. 2017 , 9, 249-254	8
1004	Considerations for reducing food system energy demand while scaling up urban agriculture. 2017 , 12, 125004	36
1003	Assessment of Heavy Metal Concentrations in Pawpaw (<i>Carica papaya</i> Linn.) around Automobile Workshops in Port Harcourt Metropolis, Rivers State, Nigeria. 2017 , 7, 48-61	5
1002	A Portable Electrochemical workstation using Disposable Screen-Printed Carbon Electrode decorated with Multiwall Carbon Nanotube-Ionic Liquid and Bismuth Film for Cd(II) and Pb(II) Determination. 2017 , 4702-4713	15
1001	A review of heavy metals in soil and aquatic systems of urban and semi-urban areas in Malawi with comparisons to other selected countries. 2017 , 11, 448-460	8
1000	The Sources of Chemical Contaminants in Food and Their Health Implications. 2017 , 8, 830	111
999	Measuring Spatial Distribution Characteristics of Heavy Metal Contaminations in a Network-Constrained Environment: A Case Study in River Network of Daye, China. 2017 , 9, 986	5
998	Optimizing Low-Concentration Mercury Removal from Aqueous Solutions by Reduced Graphene Oxide-Supported Fe ₃ O ₄ Composites with the Aid of an Artificial Neural Network and Genetic Algorithm. 2017 , 10,	20
997	Not Only Health: Environmental Pollution Disasters and Political Trust. 2017 , 9, 575	13
996	Unsuccessful Urban Governance of Brownfield Land Redevelopment: A Lesson from the Toxic Soil Event in Changzhou, China. 2017 , 9, 824	12
995	Investigation of Geochemical Characteristics and Controlling Processes of Groundwater in a Typical Long-Term Reclaimed Water Use Area. 2017 , 9, 800	24

994	Inorganic Chemicals in the Environment. 2017 , 1-49	7
993	Chemical sensors based on hybrid nanomaterials for food analysis. 2017 , 205-244	9
992	Agroecological Responses of Heavy Metal Pollution with Special Emphasis on Soil Health and Plant Performances. 2017 , 5,	111
991	Effect of treated sewage effluents on plant cover and soil at Wadi Al Rummah, Qassim Region, Saudi Arabia. 2017 , 12, 246-253	2
990	Soil Mapping and Processes Modeling for Sustainable Land Management. 2017 , 29-60	11
989	The Extraction of Heavy Metals From Vegetable Samples. 2017 , 253-273	1
988	Sources and Types of Inorganic Pollutants. 2017 , 231-282	2
987	Seasonal variation of heavy metals in water and sediments in the Halda River, Chittagong, Bangladesh. 2017 , 24, 27587-27600	40
986	Concentration estimation of heavy metal in soils from typical sewage irrigation area of Shandong Province, China using reflectance spectroscopy. 2017 , 24, 16883-16892	9
985	Impacts of sewage irrigation on soil properties of farmland in China: A review. 2017 ,	4
984	Wastewater Reuse to Cope With Water and Nutrient Scarcity in Agriculture: A Case Study for Braunschweig in Germany. 2017 , 352-365	1
983	Health Risk Assessment of Vegetables Grown on the Contaminated Soils in Daye City of Hubei Province, China. 2017 , 9, 2141	15
982	Phytoremediation of heavy metal contaminated soil potential by woody plants on Tonglushan ancient copper spoil heap in China. 2018 , 20, 1-7	21
981	Elemental Profile of Heavy Metals in Garden cress, Coriander, Lettuce and Spinach, Commonly Cultivated in Kahrizak, South of Tehran- Iran. 2018 , 3, 32-37	28
980	Regulation of photosynthesis by brassinosteroids in plants. 2018 , 40, 1	58
979	Enrichment, spatial distribution of potential ecological and human health risk assessment via toxic metals in soil and surface water ingestion in the vicinity of Sewakht mines, district Chitral, Northern Pakistan. 2018 , 154, 127-136	67
978	Occurrence of trace metals in foodstuffs and their health impact. 2018 , 75, 36-45	117
977	Reclaimed Water Irrigation Effect on Agricultural Soil and Maize (<i>Zea mays</i> L.) in Northern China. 2018 , 46, 1800037	7

976	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. 2018 , 214, 172-183	26
975	Influence of different sewage sludges and composts on growth, yield, and trace elements accumulation in rice and wheat. 2018 , 29, 1343-1352	20
974	Distribution of heavy metals and metalloid in surface sediments of heavily-mined area for bauxite ore in Pengerang, Malaysia and associated risk assessment. 2018 , 165, 454-464	88
973	Heavy metals and metalloids: Sources, risks and strategies to reduce their accumulation in horticultural crops. 2018 , 234, 431-444	160
972	Remove heavy metals from groundwater using carbon nanotubes grafted with amino compound. 2018 , 53, 1698-1702	3
971	Contamination of soil and the medicinal plant <i>Phyllanthus niruri</i> Linn. with cadmium in ceramic industrial areas. 2018 , 190, 303	2
970	Accumulation of lead and arsenic by peanut grown on lead and arsenic contaminated soils amended with broiler litter ash or superphosphate. 2018 , 41, 1615-1623	2
969	Proximal and remote sensing techniques for mapping of soil contamination with heavy metals. 2018 , 53, 783-805	26
968	High Content of Lead Is Associated with the Softness of Drinking Water and Raised Cardiovascular Morbidity: A Review. 2018 , 186, 384-394	7
967	Absorption of arsenic from soil and water by two chard (<i>Beta vulgaris</i> L.) varieties: A potential risk to human health. 2018 , 218, 23-30	13
966	Risk assessment, spatial distribution, and source apportionment of heavy metals in Chinese surface soils from a typically tobacco cultivated area. 2018 , 25, 16852-16863	11
965	Natural Resource Use, Institutions, and Green Ergonomics. 2018 , 271-297	1
964	Potential Human Health Risk Assessment of Heavy Metals via Consumption of Root Tubers from Ogoniland, Rivers State, Nigeria. 2018 , 186, 568-578	9
963	An improved estimation model for soil heavy metal(loid) concentration retrieval in mining areas using reflectance spectroscopy. 2018 , 18, 2008-2022	21
962	The reach of human health risks associated with metals/metalloids in water and vegetables along a contaminated river catchment: South Africa and Mozambique. 2018 , 199, 1-9	40
961	Metal-organic frameworks (MOFs) as futuristic options for wastewater treatment. 2018 , 62, 130-145	115
960	Adsorption of Pb ²⁺ ions on novel ternary nanocomposite of tin, iron and titania. 2018 , 5, 025512	10
959	Elemental assessment of vegetation via portable X-ray fluorescence (PXRF) spectrometry. 2018 , 210, 210-225	48

958	The insects as an assessment tool of ecotoxicology associated with metal toxic plants. 2018 , 197, 703-708	3
957	Insight into wastewater decontamination using polymeric adsorbents. 2018 , 6, 1651-1672	66
956	The reuse of reclaimed water for irrigation around the Mediterranean Rim: a step towards a more virtuous cycle?. 2018 , 18, 693-705	36
955	Effects of washing, soaking and domestic cooking on cadmium, arsenic and lead bioaccessibilities in rice. 2018 , 98, 3829-3835	23
954	Evaluating heavy metal accumulation and potential risks in soil-plant systems applied with magnesium slag-based fertilizer. 2018 , 197, 382-388	35
953	Concentrations of arsenic and lead in rice (<i>Oryza sativa</i> L.) in Iran: A systematic review and carcinogenic risk assessment. 2018 , 113, 267-277	80
952	Biotransformation and removal of heavy metals: a review of phytoremediation and microbial remediation assessment on contaminated soil. 2018 , 26, 156-168	59
951	Accumulation of Heavy Metals from Battery Waste in Topsoil, Surface Water, and Garden Grown Maize at Omilende Area, Olodo, Nigeria. 2018 , 2, 1700090	6
950	Human health risk assessment of heavy metals in the soil-Panax notoginseng system in Yunnan province, China. 2018 , 24, 1312-1326	13
949	Effect of Cd stress on the bioavailability of Cd and other mineral nutrition elements in broad bean grown in a loess subsoil amended with municipal sludge compost. 2018 , 25, 7418-7432	5
948	Phytotoxicity, bioaccumulation and potential risks of plant irrigations using cyanobloom-loading freshwater. 2018 , 624, 704-712	10
947	Ecological and health risks assessment and spatial distribution of residual heavy metals in the soil of an e-waste circular economy park in Tianjin, China. 2018 , 197, 325-335	99
946	Role of Potentially Toxic Elements in Soils. 2018 , 375-450	4
945	Chromatographic Separation and Visual Detection on Wicking Microfluidic Devices: Quantitation of Cu in Surface, Ground, and Drinking Water. 2018 , 90, 2594-2600	18
944	Geotechnical properties of the soils contaminated with oils, landfill leachate, and fertilizers. 2018 , 11, 1	17
943	Toxicity and detoxification of heavy metals during plant growth and metabolism. 2018 , 16, 1169-1192	89
942	The influence of various organic amendments on the bioavailability and plant uptake of cadmium present in mine-degraded soil. 2018 , 636, 810-817	39
941	Effect on human health of the arsenic pollution and hydrogeochemistry of the Yazd Lake wetland (Burdur/Turkey). 2018 , 25, 16217-16235	7

940	Impact of ageing on the fate of molybdate-zerovalent iron nanohybrid and its subsequent effect on cyanobacteria (<i>Microcystis aeruginosa</i>) growth in aqueous media. 2018 , 140, 135-147		11
939	Source-specific speciation profiles of PM for heavy metals and their anthropogenic emissions in China. <i>Environmental Pollution</i> , 2018 , 239, 544-553	93	67
938	Levels, temporal trend and health risk assessment of five heavy metals in fresh vegetables marketed in Guangdong Province of China during 2014-2017. 2018 , 92, 107-120		26
937	Metal accumulation in <i>Raphanus sativus</i> and <i>Brassica rapa</i> : an assessment of potential health risk for inhabitants in Punjab, Pakistan. 2018 , 25, 16676-16685		13
936	Supercritical water treatment of heavy metal and arsenic metalloids-bioaccumulating-biomass. 2018 , 157, 102-110		41
935	Comparing ordinary kriging and inverse distance weighting for soil as pollution in Beijing. 2018 , 25, 15597-15608		39
934	Heavy metal accumulation by <i>Corchorus olitorius</i> L. irrigated with wastewater. 2018 , 25, 14996-15005		39
933	Seasonal variations and environmental risk assessment of trace elements in the sediments of Uppanar River estuary, southern India. 2018 , 129, 347-356		9
932	Effects of Heavy Metals on the Environment by Utilization of Urban Waste Compost for Land Application: A Review. 2018 , 329-340		2
931	Accumulation, fractionation, and risk assessment of mercury and arsenic in the soil-wheat system from the wastewater-irrigated soil in Baiyin, northwest China. 2018 , 25, 14856-14867		14
930	Trace metals accumulation in soil irrigated with polluted water and assessment of human health risk from vegetable consumption in Bangladesh. 2018 , 40, 59-85		58
929	Metals, heavy metals and microorganism removal from spent filter backwash water by hybrid coagulation-UF processes. 2018 , 8, 225-233		10
928	Health risk of heavy metals from vegetables irrigated with sewage water in peri-urban of Dera Ismail Khan, Pakistan. 2018 , 15, 309-322		13
927	Impact of treated wastewater for irrigation on soil microbial communities. 2018 , 622-623, 1603-1610		77
926	Agro-industrial wastewater reuse for irrigation of a vegetable crop succession under Mediterranean conditions. 2018 , 196, 1-14		110
925	Electrospun fumarate ferroxane/polyacrylonitrile nanocomposite nanofibers adsorbent for lead removal from aqueous solution: Characterization and process optimization by response surface methodology. 2018 , 129, 182-196		21
924	Heavy metal migration and risk transference associated with cyanobacterial blooms in eutrophic freshwater. 2018 , 613-614, 1324-1330		33
923	Role of Nanostructured Materials Toward Remediation of Heavy Metals/Metalloids. 2018 , 73-95		2

922	Soil amendments: a tool to reduce heavy metal uptake in crops for production of safe food. 2018 , 17, 187-203	21
921	Source apportionment of heavy metals in agricultural soil based on PMF: A case study in Hexi Corridor, northwest China. 2018 , 193, 189-197	216
920	Zeolite-supported nanoscale zero-valent iron: New findings on simultaneous adsorption of Cd(II), Pb(II), and As(III) in aqueous solution and soil. 2018 , 344, 1-11	289
919	Heavy metals in food crops, soil, and water in the Lihe River Watershed of the Taihu Region and their potential health risks when ingested. 2018 , 615, 141-149	159
918	Recent Advancement in Membrane Technology for Water Purification. 2018 , 147-167	3
917	Investigation of Heavy Metal Hazards Status and Their Potential Health Risks in Vegetables Irrigated with Treated Wastewater in Oodi Gardens. 2018 , 57-67	1
916	Risk forewarning model for rice grain Cd pollution based on Bayes theory. 2018 , 618, 1343-1349	6
915	Nickel phytoextraction through bacterial inoculation in <i>Raphanus sativus</i> . 2018 , 190, 234-242	41
914	Chemical immobilization of lead, cadmium, and arsenic in a smelter-contaminated soil using 2,4,6-trimercaptotriazine, trisodium salt, nonahydrate and ferric sulfate. 2018 , 18, 1060-1065	5
913	A novel resource utilization of the calcium-based semi-dry flue gas desulfurization ash: As a reductant to remove chromium and vanadium from vanadium industrial wastewater. 2018 , 342, 436-445	46
912	In Situ Synthesized Hydroxyapatite/Cellulose Nanofibrils as Biosorbents for Heavy Metal Ions Removal. 2018 , 26, 2130-2141	28
911	A new three-dimensional bis(benzimidazole)-based cadmium(II) coordination polymer. 2018 , 189, 613-620	16
910	Chemometric evaluation of heavy metals distribution in wastewater irrigated soil of peri-urban area. 2018 , 15, 2519-2530	3
909	Spatiotemporal variation and exposure risk to human health of potential toxic elements in suburban vegetable soils of a megacity, SW China, 2012-2016. 2018 , 25, 4223-4237	6
908	Levels, dietary intake, and health risk of potentially toxic metals in vegetables, fruits, and cereal crops in Pakistan. 2018 , 25, 5558-5571	36
907	Spatial patterns of heavy metal accumulation in sediments and macrophytes of Bellandur wetland, Bangalore. 2018 , 206, 1204-1210	61
906	Challenges in assessing the health risks of consuming vegetables in metal-contaminated environments. 2018 , 113, 269-280	42
905	Introduction. 2018 , 1-25	

904	Accurate quantification of toxic elements in medicine food homologous plants using ICP-MS/MS. 2018 , 245, 692-697	14
903	Strengths and weaknesses of European soil legislations: The case study of Portugal. 2018 , 79, 66-93	15
902	A health risk assessment of heavy metals in people consuming Sohan in Qom, Iran. 2018 , 37, 278-286	42
901	Risk assessment of heavy metals pollution at Zagazig University, Zagazig, Egypt. 2018 , 15, 1393-1410	5
900	Heavy metal exposure from co-processing of hazardous wastes for cement production and associated human risk assessment. 2018 , 15, 733-742	7
899	Transfer of Heavy Metals from Soils to Vegetables and Associated Human Health Risks at Selected Sites in Pakistan. 2018 , 28, 666-679	37
898	Influence of Industrialization and Environmental Protection on Environmental Pollution: A Case Study of Taihu Lake, China. 2018 , 15,	17
897	Biogenic synthesis of maghemite nanoparticles (Fe ₂ O ₃) using Tridax leaf extract and its application for removal of fly ash heavy metals (Pb, Cd). 2018 , 5, 20704-20710	24
896	A Review of Heavy Metal Contamination of Food Crops in Nigeria. 2018 , 84, 488-494	58
895	Rhizospheric Microbe-Plant Exudate Formulation for Enhanced Restoration of Contaminated Agricultural Soil. 2018 , 231-252	
894	Environmental Remediation with Electrochemical Technologies. 2018 , 1-34	1
893	Multivariate and Spatial Analysis of Physicochemical Parameters in an Irrigation District, Chihuahua, Mexico. 2018 , 10, 1037	4
892	Paddy Land Pollutants and Their Role in Climate Change. 2018 , 113-124	26
891	Occurrence and Toxicological Risk Assessment of Polycyclic Aromatic Hydrocarbons and Heavy Metals in Drinking Water Resources of Southern China. 2018 , 15,	9
890	Anthropogenic Impacts on Meiosis in Plants. 2018 , 9, 1429	14
889	Fate of Organic and Inorganic Pollutants in Paddy Soils. 2018 , 197-214	59
888	Environmental and health implications of trace metal concentrations in street dusts around some electronic repair workshops in Owerri, Southeastern Nigeria. 2018 , 190, 696	9
887	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. <i>Environmental Pollution</i> , 2018 , 243, 1761-1780	9.3 32

886 Chemicals in the Environment. **2018**, 43-79

885 Effect of distillery spentwash fertigation on crop growth, yield, and accumulation of potentially toxic elements in rice. **2018**, 25, 31113-31124 3

884 Hydrothermal liquefaction of typical livestock manures in China: Biocrude oil production and migration of heavy metals. **2018**, 135, 133-140 40

883 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. **2018**, 4, e00783 3

882 The concentration of heavy metals in noodle samples from Iran's market: probabilistic health risk assessment. **2018**, 25, 30928-30937 32

881 Five heavy metals accumulation and health risk in a traditional Chinese medicine Cortex Moutan collected from different sites in China. **2018**, 24, 2288-2298 10

880 Heavy metals in vegetables and their impact on the nutrient quality of vegetables: A review. **2018**, 41, 1744-1763 40

879 A study on air quality and heavy metals content of urban food produced in a Mediterranean city (Barcelona). **2018**, 195, 385-395 43

878 Hydrogeochemistry, water quality and health risk assessment of water resources contaminated by agricultural activities in Korkuteli (Antalya, Turkey) district center. **2018**, 16, 574-599 6

877 Water purification by using Adsorbents: A Review. **2018**, 11, 187-240 393

876 Occurrence and bioaccumulation of chemical contaminants in lettuce grown in peri-urban horticulture. **2018**, 637-638, 1166-1174 26

875 Analysis of Genotoxicity of Agricultural Soils and Metal (Fe, Mn, and Zn) Accumulation in Crops. **2018**, 12, 439-449 10

874 Metal concentration at surface water using multivariate analysis and human health risk assessment. **2018**, 9, 217 1

873 Investigation of heavy metal uptake by three types of ornamental plants as affected by application of organic and chemical fertilizers in contaminated soils. **2018**, 77, 1 7

872 Surface Engineered Magnetic Biosorbents for Water Treatment. **2018**, 301-342 6

871 Nanorobots Constructed from Nanoclay: Using Nature to Create Self-Propelled Autonomous Nanomachines. **2018**, 28, 1802762 26

870 Human health risk assessment from exposure of heavy metals in soil samples of Jammu district of Jammu and Kashmir, India. **2018**, 11, 1 15

869 Prediction models for evaluating the uptake of heavy metals by cucumbers (*Cucumis sativus* L.) grown in agricultural soils amended with sewage sludge. **2018**, 190, 501 27

868	Finding the Key Periods for Assimilating HJ-1A/B CCD Data and the WOFOST Model to Evaluate Heavy Metal Stress in Rice. 2018 , 18,	1
867	Concentrations, dietary exposure, and human health risk assessment of heavy metals in market vegetables of Peshawar, Pakistan. 2018 , 190, 505	14
866	Risk assessment for potentially toxic metal(loid)s in potatoes in the indigenous zinc smelting area of northwestern Guizhou Province, China. 2018 , 120, 328-339	23
865	Potentially Toxic Elements and Health Risk Assessment in Farmland Systems around High-Concentrated Arsenic Coal Mining in Xingren, China. 2018 , 2018, 1-10	7
864	Assessment of Potentially Toxic Elements Pollution and Human Health Risk in Soil of Ilesha Gold Mining Site, Southwest Nigeria. 2018 , 91, 743-748	6
863	Environmental monitoring using bioassays. 2018 , 419-437	5
862	Phytoaccumulation of Copper from Irrigation Water and Its Effect on the Internal Structure of Lettuce. 2018 , 8, 29	8
861	Trace Elements in Soils and Selected Agricultural Plants in the Tongling Mining Area of China. 2018 , 15,	33
860	Comparative Analysis of GF-1 and HJ-1 Data to Derive the Optimal Scale for Monitoring Heavy Metal Stress in Rice. 2018 , 15,	2
859	Trace Elements in Marine Sediment and Organisms in the Gulf of Thailand. 2018 , 15,	12
858	A Review of Environmental Contamination and Health Risk Assessment of Wastewater Use for Crop Irrigation with a Focus on Low and High-Income Countries. 2018 , 15,	140
857	Predicted Mercury Soil Concentrations from a Kriging Approach for Improved Human Health Risk Assessment. 2018 , 15,	2
856	Governing Transactions and Interdependences between Linked Value Chains in a Circular Economy: The Case of Wastewater Reuse in Braunschweig (Germany). 2018 , 10, 1125	15
855	Experimental Analysis of Soil and Mandarin Orange Plants Treated with Heavy Metals Found in Oilfield-Produced Wastewater. 2018 , 10, 1493	7
854	The Sustainability of Agricultural Development in China: The AgricultureEnvironment Nexus. 2018 , 10, 1776	65
853	Mutagenicity and Genotoxicity Testing in Environmental Pollution Control. 2018 , 113-132	5
852	Anatomical and morphological changes of the juniper under the influence of heavy metals in condition of man-induced load. 2018 , 64, 35-43	
851	Novel 3-Hydroxy-2-Naphthoate-Based Task-Specific Ionic Liquids for an Efficient Extraction of Heavy Metals. 2018 , 6, 172	23

850	Adsorptive removal of Cd ²⁺ from aqueous solutions by a highly stable covalent triazine-based framework. 2018 , 42, 10234-10242	43
849	Polluted Soils. 2018 , 333-408	
848	Bioaccumulation process and health risk assessment of toxic elements in tomato fruit grown under Zn nutrition treatment. 2018 , 190, 508	1
847	Biofilters for urban agriculture: Metal uptake of vegetables irrigated with stormwater. 2018 , 122, 177-186	17
846	Soil-to-skin adherence during different activities for children in Taiwan. 2018 , 167, 240-247	4
845	Human health risks from consuming cabbage (<i>Brassica oleracea</i> L. var. <i>capitata</i>) grown on wastewater irrigated soil. 2018 , 20, 1007-1016	11
844	Ecological risk assessment of potentially toxic elements (PTEs) in the soil-plant system after reclamation of dredged sediment. 2018 , 25, 29181-29191	5
843	Profiling of heavy metal and pesticide residues in medicinal plants. 2018 , 25, 29505-29510	25
842	Human health risk assessment of heavy metals in soils and commonly consumed food crops from quarry sites located at Isiagwu, Ebonyi State. 2018 , 29, 8-24	16
841	Phytoavailability, bioaccumulation, and human health risks of metal(loid) elements in an agroecosystem near a lead-zinc mine. 2018 , 25, 24111-24124	5
840	Physiological responses of <i>Suaeda glauca</i> and <i>Arabidopsis thaliana</i> in phytoremediation of heavy metals. 2018 , 223, 132-139	55
839	Heavy Metal Contamination of Irrigation Water, Soil, and Vegetables in a Multi-industry District of Bangladesh. 2018 , 12, 531-542	27
838	Effect of biochar on the nutrient contents and metal recovery efficiency in sorghum planted on landfill soils. 2019 , 16, 2259-2270	6
837	Artificial neural networks modeling for the prediction of Pb(II) adsorption. 2019 , 16, 5079-5086	7
836	Introduction. 2019 , 1-24	
835	Chemical fractionation and bioavailability of Fe, Mn, Pb, and Cd in soils around Meyghan Lake, Arak, Iran. 2019 , 16, 3297-3308	
834	Phytoremediation potential of <i>Xanthium strumarium</i> for heavy metals contaminated soils at roadsides. 2019 , 16, 2091-2100	30
833	Contamination of the Potable Water Supply in the Lead-Zinc Mining Communities of Enyigba, Southeastern Nigeria. 2019 , 38, 148-157	17

832	Effect of treated wastewater irrigation in East Central region of Tunisia (Monastir governorate) on the biochemical and transcriptomic response of earthworms <i>Eisenia andrei</i> . 2019 , 647, 1245-1255	15
831	Organic materials may greatly enhance Ni and Pb progressive immobilization into the oxidisable soil fraction, acting as providers of sorption sites and microbial substrates. 2019 , 353, 482-492	7
830	Detection of Nutrition and Toxic Elements in Dry Milk Powders Available in Pakistan Using Laser Induced Breakdown Spectroscopy. 2019 , 39, 1413-1427	3
829	Preparation of magnetic ion imprinted polymer with waste beer yeast as functional monomer for Cd(ii) adsorption and detection.. 2019 , 9, 23474-23483	7
828	Geochemistry and environmental effects of potentially toxic elements, polycyclic aromatic hydrocarbons and microplastics in coastal sediments of the Persian Gulf. 2019 , 78, 1	23
827	Variation in kikuyu grass yield in response to irrigation with secondary and advanced treated wastewaters. 2019 , 222, 375-385	6
826	Optimization for silver remediation from aqueous solution by novel bacterial isolates using response surface methodology: Recovery and characterization of biogenic AgNPs. 2019 , 380, 120906	14
825	Effects of environmental governance in mining areas: The trend of arsenic concentration in the environmental media of a typical mining area in 25 years. 2019 , 235, 849-857	14
824	Prevalence of, and factors associated with health supplement use in Dubai, United Arab Emirates: a population-based cross-sectional study. 2019 , 19, 172	6
823	Distribution and health risk assessment of cadmium, lead, and mercury in freshwater fish from the right bank of Senegal River in Mauritania. 2019 , 191, 493	3
822	Release of metal pollutants from corroded and degraded thin-film solar panels extracted by acids and buried in soils. 2019 , 108, 104381	2
821	Carcinogenic and non-carcinogenic risk assessment of heavy metals contamination in duck eggs and meat as a warning scenario in Thailand. 2019 , 689, 215-222	24
820	Sources of Soil Pollution by Heavy Metals and Their Accumulation in Vegetables: a Review. 2019 , 230, 1	139
819	Potentially harmful elements and their health implications in cultivable soils and food crops around lead-zinc mines in Ishiagu, Southeastern Nigeria. 2019 , 204, 289-296	20
818	Human health risk from consumption of two common crops grown in polluted soils. 2019 , 691, 195-204	16
817	Biochars effects potentially toxic elements and antioxidant enzymes in <i>Lactuca sativa</i> L. grown in multi-metals contaminated soil. 2019 , 15, 100427	15
816	Reprotoxicity of glyphosate-based formulation in <i>Caenorhabditis elegans</i> is not due to the active ingredient only. <i>Environmental Pollution</i> , 2019 , 252, 1854-1862	9:3 14
815	Monitoring and assessment of heavy metal contamination in surface water and sediment of the Old Brahmaputra River, Bangladesh. 2019 , 9, 1	57

814	Comparison of different approaches for modeling of heavy metal estimations. 2019 , 1, 1	9
813	Phytoremediation Capacity of Some Forage Plants Grown on a Metals-Contaminated Soil. 2019 , 28, 569-581	19
812	A meta-analysis of published semivariograms to determine sample size requirements for assessment of heavy metal concentrations at contaminated sites. 2019 , 57, 311	2
811	Production of lactic and acetic acids by <i>Bacillus</i> sp. ZM20 and <i>Bacillus cereus</i> following exposure to zinc oxide: A possible mechanism for Zn solubilization. 2019 , 12, 100170	18
810	Antioxidant and Mineral Composition of Three Wild Leafy Species: A Comparison Between Microgreens and Baby Greens. 2019 , 8,	32
809	Radionuclide Immobilization by Sorption onto Waste Concrete and Bricks Experimental Design Methodology. 2019 , 230, 1	3
808	Biouptake Responses of Trace Metals to Long-Term Irrigation with Diverse Wastewater in the Wheat Rhizosphere Microenvironment. 2019 , 16,	1
807	Transport and numerical simulation of Cu in saturated porous medium in the presence of magnetic nanoparticles. 2019 , 26, 35827-35837	1
806	Heavy metals in some date palm fruit cultivars in Saudi Arabia and their health risk assessment. 2019 , 22, 1684-1692	9
805	Evolutionary Game Analysis of Fallow Farmland Behaviors of Different Types of Farmers and Local Governments. 2019 , 88, 104122	11
804	Heavy metal content of herbal health supplement products in Dubai - UAE: a cross-sectional study. 2019 , 19, 276	15
803	Soil characterization and heavy metal pollution assessment in Orabi farms, El Obour, Egypt. 2019 , 43,	30
802	Metal-Contaminated Soil Remediation: Phytoremediation, Chemical Leaching and Electrochemical Remediation. 2019 ,	4
801	Olive mill wastewater controlled drying for material and water recovery. 2019 ,	1
800	Phytoextraction of iron from contaminated soils by inoculation of iron-tolerant plant growth-promoting bacteria in <i>Brassica juncea</i> L. Czern. 2019 , 26, 32815-32823	14
799	Application of Time-Lapse Ion Exchange Resin Sachets (TIERS) for Detecting Illegal Effluent Discharge in Mixed Industrial and Agricultural Areas, Taiwan. 2019 , 11, 3129	3
798	Selection of the Optimal Spectral Resolution for the Cadmium-Lead Cross Contamination Diagnosing Based on the Hyperspectral Reflectance of Rice Canopy. 2019 , 19,	2
797	Geo-ecological evaluation of mineral, major and trace elemental composition in waste rocks, soils and sediments of a gold mining area and potential associated risks. 2019 , 183, 104229	17

796	Hazardous heavy metals contamination of vegetables and food chain: Role of sustainable remediation approaches - A review. 2019 , 179, 108792	128
795	Using in vivo nickel to direct the pyrolysis of hyperaccumulator plant biomass. 2019 , 21, 1236-1240	17
794	Occurrence and human health implications of chemical contaminants in vegetables grown in peri-urban agriculture. 2019 , 124, 49-57	38
793	Constructing biodegradable nanochitin-contained chitosan hydrogel beads for fast and efficient removal of Cu(II) from aqueous solution. 2019 , 211, 152-160	29
792	Improved heavy metal mapping and pollution source apportionment in Shanghai City soils using auxiliary information. 2019 , 661, 168-177	53
791	Assessments of pollution status and human health risk of heavy metals in permafrost-affected soils and lichens: A case-study in Yamal Peninsula, Russia Arctic. 2019 , 25, 2142-2159	17
790	Visible light driven degradation of brilliant green dye using titanium based ternary metal oxide photocatalyst. 2019 , 12, 1850-1858	23
789	Detection of equimolar EDTA and DTPA in spiked wastewater effluents. 2019 , 99, 541-556	1
788	Brassinosteroid Mediated Regulation of Photosynthesis in Plants. 2019 , 185-217	1
787	Assessment of the concentrations and health risk of some heavy metals in cowpea () in Gwagwalada, Nigeria. 2021 , 44, 518-523	1
786	Linking the response of soil microbial community structure in soils to long-term wastewater irrigation and soil depth. 2019 , 688, 26-36	19
785	Effect of Macro- and Nano-Biosolid Fractions on Sorption Affinity and Transport of Pb in a Loamy Sand Soil. 2019 , 11, 3460	1
784	Exposure assessment of heavy metal residues in some Egyptian fruits. 2019 , 6, 538-543	15
783	Ecological risk of potentially toxic elements (PTEs) in sediments, seawater, wastewater, and benthic macroinvertebrates, Persian Gulf. 2019 , 145, 377-389	17
782	Mie scattering and microparticle-based characterization of heavy metal ions and classification by statistical inference methods. 2019 , 6, 190001	2
781	Heavy metals contamination in soil and food and their evaluation for risk assessment in the Zhob and Loralai valleys, Baluchistan province, Pakistan. 2019 , 149, 103971	34
780	Isolation and identification of chromium-tolerant bacterial strains and their potential to promote plant growth. 2019 , 96, 01005	2
779	Immobilization of heavy metals in vegetable-growing soils using nano zero-valent iron modified attapulgite clay. 2019 , 686, 476-483	41

778	Effectiveness of natural adsorbents in reducing Cu and Pb content of chemistry laboratory wastewater treatment. 2019 , 509, 012134	0
777	Levels of some toxic heavy metals (Cr, Cd and Pb) in selected vegetables and soil around eastern industry zone, central Ethiopia. 2019 , 14, 92-101	4
776	Arsenic interaction and bioaccumulation in food crops grown on degraded soil: Effect on plant nutritional components and other dietary qualities. 2019 , 30, 1954-1967	2
775	Synthesized Nano particle derivation of poly (Styrene - co- Maleic Anhydride) and sour cherry Rock for removing nickel (II) ion from aqueous solutions. 2019 , 6, 590-597	2
774	A review on the recent advances, challenges and future aspect of layered double hydroxides (LDH) containing hybrids as promising adsorbents for dyes removal. 2019 , 288, 110989	114
773	Environmental Impact of Mine Wastes: An Overview of Problems with Mining Sites in Turkey, Remediation Possibilities, and an Example from Turkey. 2019 , 63-72	1
772	Direct/Alternating Current Electrochemical Method for Removing and Recovering Heavy Metal from Water Using Graphene Oxide Electrode. 2019 , 13, 6431-6437	103
771	WEEE Treatment in Developing Countries: Environmental Pollution and Health Consequences-An Overview. 2019 , 16,	35
770	Adsorption mechanism of Pb ions by FeO, SnO, and TiO nanoparticles. 2019 , 26, 19968-19981	19
769	Trend evolution of physicochemical parameters and metals mobility in acidic and complex mine tailings long exposed to severe mediterranean climatic conditions: Sidi Driss tailings case (NW-Tunisia). 2019 , 158, 103509	4
768	Ultrasound Assisted Adsorptive Removal of Cr, Cu, Al, Ba, Zn, Ni, Mn, Co and Ti from Seawater Using Fe ₂ O ₃ -SiO ₂ -PAN Nanocomposite: Equilibrium Kinetics. 2019 , 7, 133	9
767	Honeybees (<i>Apis mellifera</i> L.) as a Potential Bioindicator for Detection of Toxic and Essential Elements in the Environment (Case Study: Markazi Province, Iran). 2019 , 77, 344-358	20
766	Phytoremediative potential of salt-tolerant grass species for cadmium and lead under contaminated nutrient solution. 2019 , 21, 1012-1018	12
765	Olive Mill Wastewater: From a Pollutant to Green Fuels, Agricultural Water Source, and Bio-Fertilizer. Part 2: Water Recovery. 2019 , 11, 768	27
764	Correlation Analysis of Heavy Metals Contents of <i>Malva sylvestris</i> L. plant and Its Extracts from Polluted and Non-polluted Locations in Niš Republic of Serbia. 2019 , 230, 1	3
763	Adsorption of nitrate, phosphate, nickel and lead on soils: Risk of groundwater contamination. 2019 , 179, 182-187	27
762	Integrated Remediation Processes Toward Heavy Metal Removal/Recovery From Various Environments-A Review. 2019 , 7,	132
761	Heavy metal distribution, translocation, and human health risk assessment in the soil-rice system around Dongting Lake area, China. 2019 , 26, 17655-17665	28

760	Advantages and disadvantages of different pre-cooking and cooking methods in removal of essential and toxic metals from various rice types- human health risk assessment in Tehran households, Iran. 2019 , 175, 128-137	25
759	Recent Advances in Nanomaterials for Wastewater Treatment. 2019 , 21-58	6
758	Micronutrient and heavy metal concentrations in basil plant cultivated on irradiated and non-irradiated sewage sludge- treated soil and evaluation of human health risk. 2019 , 104, 141-150	18
757	Antimony accumulation and iron plaque formation at different growth stages of rice (<i>Oryza sativa</i> L.). <i>Environmental Pollution</i> , 2019 , 249, 414-422	9-3 15
756	Pollution assessment and source apportionment of selected metals in rural (Bagh) and urban (Islamabad) farmlands, Pakistan. 2019 , 78, 1	8
755	The Origin of Chronic Diseases With Respect to Cardiovascular Disease. 2019 , 1-21	0
754	Accumulation and distribution of arsenic and cadmium in winter wheat (<i>Triticum aestivum</i> L.) at different developmental stages. 2019 , 667, 532-539	28
753	Health risk assessment through determining bioaccumulation of iron in forages grown in soil irrigated with city effluent. 2019 , 26, 14277-14286	27
752	Coliform Bacteria and Trace Metals in Drinking Water, Southwest Bangladesh: Multivariate and Human Health Risk Assessment. 2019 , 13, 395-408	18
751	A systematic literature review for some toxic metals in widely consumed rice types (domestic and imported) in Iran: Human health risk assessment, uncertainty and sensitivity analysis. 2019 , 176, 64-75	59
750	Novel Colorimetric Method for Simultaneous Detection and Identification of Multimetal Ions in Water: Sensitivity, Selectivity, and Recognition Mechanism. 2019 , 4, 5915-5922	20
749	Reusable and removable PmPD/PVA membrane for effective Cr(VI) adsorption and reduction. 2019 , 43, 5039-5046	4
748	Impact of Long-Term Reclaimed Water Irrigation on the Distribution of Potentially Toxic Elements in Soil: An In-Situ Experiment Study in the North China Plain. 2019 , 16,	15
747	Analysis of Heavy Metals in Foodstuffs and an Assessment of the Health Risks to the General Public via Consumption in Beijing, China. 2019 , 16,	33
746	An experimental study of cotransport of heavy metals with kaolinite colloids. 2019 , 373, 476-482	27
745	Comparison of reactive magnesia, quick lime, and ordinary Portland cement for stabilization/solidification of heavy metal-contaminated soils. 2019 , 671, 741-753	62
744	Electrochemical Evaluation of Selenium (IV) Removal from Its Aqueous Solutions by Unmodified and Modified Graphene Oxide. 2019 , 24,	4
743	Diatomite-Bi ₂ S ₃ composite photocatalyst: enhanced photocatalytic performance for visible light reduction of Cr(VI). 2019 , 6, 065902	8

742	Phytoremediation of Heavy Metal-Contaminated Sites: Eco-environmental Concerns, Field Studies, Sustainability Issues, and Future Prospects. 2020 , 249, 71-131	72
741	Refined assessment of heavy metal-associated health risk due to the consumption of traditional animal medicines in humans. 2019 , 191, 171	16
740	A comparison of accumulation and depuration effect of dissolved hexavalent chromium (Cr) in head and muscle of bighead carp (<i>Aristichthys nobilis</i>) and assessment of the potential health risk for consumers. 2019 , 286, 388-394	13
739	Nanocomposites for Environmental Pollution Remediation. 2019 , 1407-1440	3
738	The "Land of Fires" Toxic Waste Scandal and Its Effect on Consumer Food Choices. 2019 , 16,	24
737	Iron record associated with sandstorms in a central Asian shallow ice core spanning 1956-2004. 2019 , 203, 121-130	3
736	Effect of Liming with Various Water Regimes on Both Immobilization of Cadmium and Improvement of Bacterial Communities in Contaminated Paddy: A Field Experiment. 2019 , 16,	10
735	Antioxidative enzymes activity and thiol metabolism in three leafy vegetables under Cd stress. 2019 , 173, 214-224	20
734	Role and management of soil biodiversity for food security and nutrition; where do we stand?. 2019 , 20, 132-144	55
733	Assessment of nitrate and nitrite levels in treated wastewater, soil, and vegetable crops at the upper reach of Zarqa River in Jordan. 2019 , 191, 153	3
732	Heavy metals in food crops: Health risks, fate, mechanisms, and management. 2019 , 125, 365-385	553
731	The mechanism for promoted oxygenation of V(IV) by goethite: Positive effect of surface hydroxyl groups. 2019 , 369, 254-260	4
730	Analysis of the consumer's perception of urban food products from a soilless system in rooftop greenhouses: a case study from the Mediterranean area of Barcelona (Spain). 2019 , 36, 375-393	6
729	Micro- and Nano-Hollow Spheres in Heavy Metal Removals from Water. 2019 , 421-441	
728	Arsenic, cadmium, and lead contents of rice imported into Qatar-impact on intake. 2019 , 122, 99-106	2
727	Chemical hazards in meat and associated monitoring activities. 2019 , 315-340	3
726	Levels of some selected metals (Fe, Cu and Zn) in selected vegetables and soil around eastern industry zone, central Ethiopia. 2019 , 14, 78-91	2
725	Ecological and human health risks appraisal of metal(loid)s in agricultural soils: a review. 2019 , 1-13	17

724	Health risk assessment of potentially toxic elements via consumption of vegetables irrigated with polluted river water in Addis Ababa, Ethiopia. 2019 , 8,	11
723	Hazards assessment of the intake of trace metals by common mallow (K.) growing in polluted soils. 2019 , 21, 1397-1406	4
722	Estimating the Distribution of Heavy Metals in Soil from Airborne Hyperspectral Imagery Over Jilin Gongzhuling Gold Mining Area of China. 2019 ,	1
721	Qualitative microbiome profiling along a wastewater system in Kampala, Uganda. 2019 , 9, 17334	2
720	Nanostructured Materials for Treating Aquatic Pollution. 2019 ,	2
719	Removal of Metal Ions Using Graphene Based Adsorbents. 2019 , 1-33	1
718	Size-fractionated particle-bound heavy metals and perfluoroalkyl substances in dust from different indoor air. 2019 , 26, 36720-36731	3
717	Spatial distribution of heavy metals in crops in a wastewater irrigated zone and health risk assessment. 2019 , 168, 382-388	52
716	Quantification of potentially toxic elements in food material by laser ablation-inductively coupled plasma-mass spectrometry (LA-ICP-MS) via pressed pellets. 2019 , 274, 726-732	12
715	Predicting cadmium concentration in soils using laboratory and field reflectance spectroscopy. 2019 , 650, 321-334	41
714	Identifying heavy metal pollution hot spots in soil-rice systems: A case study in South of Yangtze River Delta, China. 2019 , 658, 614-625	54
713	Scavenging effect of oxidized biochar against the phytotoxicity of lead ions on hydroponically grown chicory: An anatomical and ultrastructural investigation. 2019 , 170, 363-374	22
712	Heavy metal signatures in urban and peri-urban agricultural soils across the Mumbai Metropolitan Region, India. 2019 , 115, 295-312	3
711	Removal of toxic pollutants from water environment by phytoremediation: A survey on application and future prospects. 2019 , 13, 264-276	106
710	Evaluation of single and tri-element adsorption of Pb ²⁺ , Ni ²⁺ and Zn ²⁺ ions in aqueous solution on modified water hyacinth (Eichhornia crassipes) fibers. 2019 , 7, 102885	17
709	The effect of land use configurations on concentration, spatial distribution, and ecological risk of heavy metals in coastal sediments of northern part along the Persian Gulf. 2019 , 653, 783-791	43
708	Distribution of Zinc, Copper, and Iron in the Tailings Dam of an Abandoned Mine in Shimokawa, Hokkaido, Japan. 2019 , 38, 119-129	6
707	Vertical physicochemical parameter distributions and health risk assessment for trace metals in water columns in eastern Lake Tanganyika, Tanzania. 2019 , 37, 134-145	2

706	Profiles and potential health risks of heavy metals in soil and crops from the watershed of Xi River in Northeast China. 2019 , 169, 442-448	60
705	Effect of biochar on heavy metal accumulation in potatoes from wastewater irrigation. 2019 , 232, 153-164	40
704	Spatial distribution and source apportionment of heavy metals in soil from a typical county-level city of Guangdong Province, China. 2019 , 655, 92-101	134
703	Global Environmental Change and Noncommunicable Disease Risks. 2019 , 40, 261-282	59
702	Heavy metal occurrence and risk assessment in dairy feeds and manures from the typical intensive dairy farms in China. 2019 , 26, 6348-6358	29
701	Spatio-temporal variability of hydrochemical parameters and heavy metals in shallow groundwater of the area of CebalaBorjMouil, irrigated with treated wastewater (Tunisia). 2019 , 78, 1	6
700	Long term spatial-temporal dynamics of fluoride in sources of drinking water and associated health risks in a semiarid region of Northern China. 2019 , 171, 274-280	19
699	Simple, Rapid, and Sensitive Determination of Thiols by Liquid Chromatography with Fluorescence Detection. 2019 , 52, 1487-1499	2
698	Multi-temporal accumulation and risk assessment of available heavy metals in poultry litter fertilized soils from Rio de Janeiro upland region. 2018 , 191, 28	9
697	Characteristics of heavy metals in soils and grains of wheat and maize from farmland irrigated with sewage. 2019 , 26, 5554-5563	19
696	Assessment of microbial communities and heavy metals in urban soils of Patna, Bihar (India). 2019 , 12, 1	1
695	Assessment of trace elements in urban topsoils of Rawalpindi-Pakistan: a principal component analysis approach. 2019 , 191, 65	16
694	Environmental and socioeconomic factors induced blood lead in children: an investigation from Kashmir, India. 2019 , 191, 76	21
693	Trace elements in soil-vegetables interface: Translocation, bioaccumulation, toxicity and amelioration - A review. 2019 , 651, 2927-2942	148
692	Assessment of environmental and ergonomic hazard associated to printing and photocopying: a review. 2019 , 41, 1187-1211	6
691	Tolerance of Heavy Metal Toxicity Using PGPR Strains of Pseudomonas Species. 2019 , 239-252	12
690	Alternatives or status quo? Improving fallow compensation policy in heavy metal polluted regions in Chaling County, China. 2019 , 210, 287-297	16
689	Phytoextraction of copper from a contaminated soil using arable and vegetable crops. 2019 , 219, 122-129	41

688	Spatial identification of environmental health hazards potentially associated with adverse birth outcomes. 2019 , 26, 3578-3592	1
687	Impact of environmental pollution on trace elements in vegetables and associated potential risk to human health in industrial town Mandi-gobindgarh (India). 2019 , 219, 574-587	18
686	Recent Advances, Challenges, and Opportunities in Bioremediation of Hazardous Materials. 2019 , 517-568	16
685	Bioremediation of heavy metals in food industry: Application of <i>Saccharomyces cerevisiae</i> . 2019 , 37, 56-60	45
684	Arsenic removal from aqueous solutions using <i>Saccharomyces cerevisiae</i> : Kinetic and equilibrium study. 2019 , 38, S398-S402	7
683	Arsenic and heavy metals pollution along a salinity gradient in drained coastal wetland soils: Depth distributions, sources and toxic risks. 2019 , 96, 91-98	39
682	Recent advances about metal-organic frameworks in the removal of pollutants from wastewater. 2019 , 378, 17-31	340
681	Impact of irrigation with wastewater on accumulation of heavy metals in soil and crops in the region of Marrakech in Morocco. 2019 , 18, 429-436	62
680	Distribution features and internal relations of heavy metals in soil-rhize system of mining area, Anhui Province, Eastern China. 2019 , 25, 863-881	5
679	Probabilistic health risk of volatile organic compounds (VOCs): Comparison among different commuting modes in Guangzhou, China. 2019 , 25, 637-658	5
678	Cadmium and lead in rice grains and wheat breads in Isfahan (Iran) and human health risk assessment. 2019 , 25, 924-934	6
677	Accumulation and potential sources of heavy metals in soils of the Hetao area, Inner Mongolia, China. 2020 , 30, 244-252	15
676	Source analysis and health risk-assessment of ambient volatile organic compounds in automobile manufacturing processes. 2020 , 26, 359-383	7
675	Concentrations of heavy metals in vegetables between 2004 and 2018, and its impacts on human health in China. 2020 , 26, 349-358	1
674	Ecological and health risks of soil and grape heavy metals in long-term fertilized vineyards (Chaharmahal and Bakhtiari province of Iran). 2020 , 42, 27-43	27
673	Screening of Heavy Metal Occurrence in Edible Plants from Bosnian Market. 2020 , 635-639	
672	The applicability of spectroscopy methods for estimating potentially toxic elements in soils: state-of-the-art and future trends. 2020 , 55, 525-557	12
671	Bioaccumulation of heavy metals in the terrestrial isopod <i>Porcellionides pruinosus</i> in the vicinity of Gabes-Ghannouch industrial complex. 2020 , 26, 1270-1284	7

670	Estimating health risks in metal contaminated land for sustainable agriculture in peri-urban industrial areas using Monte Carlo probabilistic approach. 2020 , 28, 100310	4
669	Recent Advancement in Wastewater Decontamination Technology. 2020 , 1-22	2
668	A heteropore covalent organic framework for adsorptive removal of Cd(II) from aqueous solutions with high efficiency. 2020 , 31, 386-390	31
667	Emission sources and probabilistic health risk of volatile organic compounds emitted from production areas in a petrochemical refinery in Hainan, China. 2020 , 26, 1407-1427	6
666	Modeling of exposure to mercury in different environmental media over a 30-year period: A case study of Shimen reservoir, northern Taiwan. 2020 , 26, 1379-1390	1
665	Assessment of heavy metals in foods around the industrial areas: health hazard inference in Bangladesh. 2020 , 35, 280-295	20
664	Human Health Risk Assessment Due to Agricultural Activities and Crop Consumption in the Surroundings of an Industrial Area. 2020 , 12, 629-640	55
663	Comprehensive assessment of heavy metals pollution of farmland soil and crops in Jilin Province. 2020 , 42, 4369-4383	5
662	Source apportionment and health risk quantification for heavy metal sources in soils near aluminum-plastic manufacturing facilities in northeast China. 2020 , 26, 2225-2244	1
661	Comparison of humic and fulvic acid on remediation of arsenic contaminated soil by electrokinetic technology. 2020 , 241, 125038	26
660	Farmers' Attitude towards using treated wastewater for irrigation: The question of sustainability. 2020 , 243, 118541	19
659	Metal uptake in chicken giblets and human health implications. 2020 , 85, 103332	18
658	Wastewater as a Non-conventional Resource: Impact of Trace Metals and Bacteria on Soil, Plants, and Human Health. 2020 , 26, 2245-2265	1
657	Residual effects of tobacco biochar along with different fixing agents on stabilization of trace elements in multi-metal contaminated soils. 2020 , 87, 299-309	14
656	Contamination of vegetables with heavy metals across the globe: hampering food security goal. 2020 , 57, 391-403	12
655	Accumulation characteristics of tungsten (W) and its potential health risk assessment in the soil-vegetable system under field conditions. 2020 , 20, 599-608	2
654	Ecological safety hazards of wastewater. 2020 , 101-123	2
653	Assessing the contributions of climate change and human activities to cropland productivity by means of remote sensing. 2020 , 41, 2004-2021	3

652	Heavy metal and Pb isotopic compositions of soil and maize from a major agricultural area in Northeast China: Contamination assessment and source apportionment. 2020 , 208, 106403	23
651	Antagonistic effect of selenium on lead-induced neutrophil apoptosis in chickens via miR-16-5p targeting of PIK3R1 and IGF1R. 2020 , 246, 125794	26
650	A multi-criteria evaluation system for arable land resource assessment. 2020 , 192, 79	6
649	Relationship between blood lead levels and physiological stress in mute swans (<i>Cygnus olor</i>) in municipal beaches of the southern Baltic. 2020 , 710, 136292	4
648	Determination of essential nutrients and heavy metal content of raw cow's milk from East Azerbaijan province, Iran. 2020 , 1-11	4
647	Blood lead levels among Chinese children: The shifting influence of industry, traffic, and e-waste over three decades. 2020 , 135, 105379	26
646	Arsenic: Geochemical distribution and age-related health risk in Italy. 2020 , 182, 109076	35
645	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. 2020 , 17, 100590	20
644	Effects of some industrial and organic wastes application on growth and heavy metal uptake by tomato (<i>Lycopersicon esculentum</i>) grown in a greenhouse condition. 2020 , 27, 5353-5366	8
643	assay based comparative study of selected vegetables and the chromosomal aberrations due to heavy metal accumulation. 2020 , 27, 1368-1374	20
642	Uptake Prediction of Ten Heavy Metals by <i>Eruca sativa</i> Mill. Cultivated in Soils Amended with Sewage Sludge. 2020 , 104, 134-143	9
641	Accumulation and distribution of heavy metals in soil and food crops around the ship breaking area in southern Bangladesh and associated health risk assessment. 2020 , 2, 1	13
640	Novel Magnetic Silica-Ionic Liquid Nanocomposites for Wastewater Treatment. 2019 , 10,	10
639	Biochar efficacy for reducing heavy metals uptake by Cilantro (<i>Coriandrum sativum</i>) and spinach (<i>Spinacia oleracea</i>) to minimize human health risk. 2020 , 244, 125543	22
638	Risk assessment due to intake of trace metals through the ingestion of groundwater around proposed uranium mining areas of Nalgonda district, Telangana, India. 2020 , 10, 1	2
637	Bioprospection of indigenous flora grown in copper mining tailing area for phytoremediation of metals. 2020 , 256, 109953	18
636	Accumulation of essential and non-essential trace elements in rice grain: Possible health impacts on rice consumers in West Bengal, India. 2020 , 706, 135944	27
635	Lead smelting effects heavy metal concentrations in soils, wheat, and potentially humans. <i>Environmental Pollution</i> , 2020 , 257, 113641	9-3 30

634	Metal pollution index and daily dietary intake of metals through consumption of vegetables. 2020 , 17, 3271-3278	5
633	China's improving inland surface water quality since 2003. 2020 , 6, eaau3798	41
632	Phosphorus: A Boon or Curse for the Environment?. 2020 ,	1
631	Spatial distribution, pollution, and health risk assessment of heavy metal in agricultural surface soil for the Guangzhou-Foshan urban zone, South China. 2020 , 15, e0239563	8
630	Evaluation of arsenic contamination and potential risks assessment through water, soil and rice consumption. 2020 , 20, 101155	6
629	Effect of hazardous industrial solid waste landfill leachate on the geotechnical properties of clay. 2020 , 13, 1	4
628	Urban Horticulture in Sub-Saharan Africa. 2020 ,	3
627	Determination of lead and cadmium in tilapia fish (<i>Oreochromis niloticus</i>) from selected areas in Kuala Lumpur. 2020 , 46, 221-225	0
626	Evaluation of risk levels of trace elements in walnuts from China and their influence factors: Planting area and cultivar. 2020 , 203, 110996	0
625	Spatial variations and abundances of trace metals as linked to landuse pattern: a case study from Gurugram, Haryana, India. 2020 , 2, 1	2
624	Pollution assessment and health risk evaluation of eight (metalloid) heavy metals in farmland soil of 146 cities in China. 2020 , 42, 3949-3963	13
623	Potential health risk and levels of heavy metals in water resources of lead/zinc mining communities of Abakaliki, southeast Nigeria. 2020 , 10, 1	59
622	Trace Element Status and Environmental Implications of Soils and Zea mays from Farmed Dumpsites in the Bamenda Metropolis, North-West Cameroon. 2020 , 2020, 1-9	1
621	Risk assessment of hazardous elements in wastewater irrigated soil and cultivated vegetables in Pakistan. 2020 , 13, 1	1
620	Interaction effect of <i>Bacillus subtilis</i> co-inoculation and mine water irrigation on cowpea's growth, physiology and nutritional quality. 2020 , 9, e00541	1
619	Enrichment of cadmium in rice (<i>Oryza sativa</i> L.) grown under different exogenous pollution sources. 2020 , 27, 44249-44256	7
618	Monitoring and assessment of the potential health risks associated with the toxic heavy metals content in selected fruits grown in Arba Minch region of Ethiopia. 2020 , 1-12	1
617	Reorganization of Protein Tyrosine Nitration Pattern Indicates the Relative Tolerance of (L.) over (L.) to Combined Heavy Metal Treatment. 2020 , 9,	4

616	Genotoxic Effect of Lead and Cadmium on Workers at Wastewater Plant in Iraq. 2020 , 2020, 9171027	4
615	Towards novel building materials: High-strength nanocomposites based on graphene, graphite oxide and magnesium oxychloride. 2020 , 20, 100766	13
614	The Level of Heavy Metal Contamination in Selected Vegetables and Animal Feed Grasses Grown in Wastewater Irrigated Area, around Asmara, Eritrea. 2020 , 2020, 1-15	3
613	Bibliometric overview of research trends on heavy metal health risks and impacts in 1989-2018. 2020 , 276, 123249	34
612	Copper toxicity affects phosphorus uptake mechanisms at molecular and physiological levels in Cucumis sativus plants. 2020 , 157, 138-147	17
611	Assessment of health risk of heavy metals and water quality indices for irrigation and drinking suitability of waters: a case study of Jamalpur Sadar area, Bangladesh. 2020 , 2, 100005	30
610	Microbial-assisted heavy metal remediation: Bottlenecks and prospects. 2020 , 349-372	1
609	Accumulation of heavy metals and bacteriological indicators in spinach irrigated with further treated secondary wastewater. 2020 , 6, e05241	3
608	Harvesting Microalgal Biomass from a Cultured Algae-Based Wastewater Pond System. 2020 , 146, 04020133	
607	Environmental Analysis of Land Use and Land Change of Najran City: GIS and Remote Sensing. 2020 , 45, 8803-8816	3
606	Monitoring the Efficiency of L. Plants in Phytoremediation of Heavy Metal-Contaminated Soil. 2020 , 9,	13
605	Effects of long-term zinc smelting activities on the distribution and health risk of heavy metals in agricultural soils of Guizhou province, China. 2020 , 1	7
604	Nano-clay as a solid phase microextractor of copper, cadmium and lead for ultra-trace quantification by ICP-MS. 2020 , 12, 4949-4955	8
603	Geographical origin differentiation of Chinese Angelica by specific metal element fingerprinting and risk assessment. 2020 , 27, 45018-45030	3
602	Hazard, ecological, and human health risk assessment of heavy metals in street dust in Dezful, Iran. 2020 , 13, 1	10
601	A Generalized Method for Modeling the Adsorption of Heavy Metals with Machine Learning Algorithms. 2020 , 12, 3490	10
600	Heavy metal induced stress on wheat: phytotoxicity and microbiological management. 2020 , 10, 38379-38403	28
599	Mercury effects on the early seedling of <i>Paraserianthes falcataria</i> (L.) Nielsen grown in hydroponic culture. 2020 , 902, 012073	1

598	Indium Uptake and Accumulation by Rice and Wheat and Health Risk Associated with Their Consumption. 2020 , 54, 14946-14954	4
597	PGPR inoculation of a contaminated soil affects plant growth and phytoavailability of Cd and Pb. 2020 , 1-18	4
596	Photochemical Oxidation Process of Copper from Electroplating Wastewater: Process Performance and Kinetic Study. 2020 , 8, 1276	1
595	Impact assessment of long treated wastewater irrigation on soil and crops in Algeria. 2020 , 5, 1	0
594	Compound health risk assessment of cumulative heavy metal exposure: a case study of a village near a battery factory in Henan Province, China. 2020 , 22, 1408-1422	11
593	A positively charged composite loose nanofiltration membrane for water purification from heavy metals. 2020 , 611, 118205	48
592	Challenges Associated with Byproducts Valorization-Comparison Study of Safety Parameters of Ultrasonicated and Fermented Plant-Based Byproducts. 2020 , 9,	8
591	Biosorption of Water Pollutants by Fungal Pellets. 2020 , 12, 1155	25
590	Contamination and ecological health risks of heavy metals in groundwater of a typical agricultural area in NW China. 2020 , 20, 440-450	2
589	Determination of essential and toxic elements content of Turkish peanut and assessment of health risk. 2020 , 1-11	1
588	Assessment of groundwater quality for drinking and irrigation uses in taluka Ratodero, district Larkana, Sindh, Pakistan. 2020 , 1-24	13
587	Iron Enriched Green Manure Can Increase Wheat Fe Concentration in Pb-polluted Soil in the Presence of Piriformospora Indica (P.indica). 2020 , 29, 721-743	0
586	Heavy metal uptake by wastewater irrigated potato plants grown on contaminated soil treated with hydrogel based amendments. 2020 , 19, 100952	7
585	Co-exposure of neurotoxic contaminants (Pb and Mn) in drinking water of Zhob District, Baluchistan Pakistan. 2020 , 14, 100328	4
584	Assessment of heavy metals and radionuclides (²³⁸ U, ²³² Th and ⁴⁰ K) concentration of beach sands collected from East Coast of Tamilnadu, India with multivariate statistical approach. 2020 , 1-23	2
583	Soil quality indices for metal(loid) contamination: An enzymatic perspective. 2020 , 31, 2700-2719	18
582	Innovative health risk assessment of heavy metals in Chinese herbal medicines based on extensive data. 2020 , 159, 104987	14
581	An Uncertainty Assessment of Human Health Risk for Toxic Trace Elements Using a Sequential Indicator Simulation in Farmland Soils. 2020 , 12, 3852	0

580	Determination of Physicochemical Parameters and Heavy Metals Concentration in Drinking Water at Asgede Tsimbila District, Tigray, Ethiopia. 2020 , 3, 419-426	4
579	Uptake prediction of ten heavy metals by <i>Corchorus olerius</i> L. cultivated in soil mixed with sewage sludge. 2020 , 9, e203	4
578	Anthropogenic effect on heavy metal contents in surface sediments of the Bengal Basin river system, Bangladesh. 2020 , 27, 19688-19702	7
577	Prospect of phytoremediation combined with other approaches for remediation of heavy metal-polluted soils. 2020 , 27, 16069-16085	38
576	Evaluation of the environmental and human health risk related to metallic contamination in agricultural soils in the Mediterranean semi-arid area (Saiss plain, Morocco). 2020 , 79, 1	12
575	Heavy metal concentrations in soil and vegetables irrigated with sewage effluent: A case study of Embu sewage treatment plant, Kenya. 2020 , 8, e00337	13
574	Soil, Hand, and Body Adherence Measures across Four Beach Areas: Potential Influence on Exposure to Oil Spill Chemicals. 2020 , 17,	5
573	Earthworm <i>Eisenia andrei</i> modulates oxidative stress in bean plants <i>Vicia faba</i> irrigated with treated wastewater. 2020 , 29, 1003-1016	3
572	Translocation and bioaccumulation of trace metals from industrial effluent to locally grown vegetables and assessment of human health risk in Bangladesh. 2020 , 2, 1	3
571	Lead and Cadmium Transfer Factors and the Contamination of Tomato Fruits (<i>Solanum lycopersicum</i>) in a Tropical Mountain Agroecosystem. 2020 , 105, 325-331	6
570	Metal contamination and bioremediation of agricultural soils for food safety and sustainability. 2020 , 1, 366-381	171
569	Dendrimer assisted dye-removal: A critical review of adsorption and catalytic degradation for wastewater treatment. 2020 , 315, 113775	38
568	Adsorption processes for the removal of contaminants from wastewater. 2020 , 161-222	36
567	The effect of irrigation using recycled waters obtained from MBR and IDAL wastewater treatment systems on soil pH and EC under kikuyu grass (<i>Pennisetum clandestinum</i>) production. 2020 , 20, 1313-1320	1
566	Assessment of the health risks of heavy metals in soils and vegetables from greenhouse production systems in Iran. 2020 , 22, 834-848	9
565	Analysis and Human Health Risk from Selected Heavy Metals in Common Instant Noodles. 2020 , 198, 339-343	
564	Heavy metals pollution status of the Katima Mulilo Urban open land wastewater disposal centre and the immediate vicinity. 2020 , 6, 1726093	5
563	From classic methodologies to application of nanomaterials for soil remediation: an integrated view of methods for decontamination of toxic metal(oid)s. 2020 , 27, 10205-10227	19

562	Field survey study on the difference in Cd accumulation capacity of rice and wheat in rice-wheat rotation area. 2020 , 20, 2082-2092		5
561	Public health risk of toxic metal(loid) pollution to the population living near an abandoned small-scale polymetallic mine. 2020 , 718, 137434		17
560	Water quality assessment of natural lakes and its importance: An overview. 2020 , 32, 544-552		24
559	Potentially toxic elements' occurrence and risk assessment through water and soil of Chitral urban environment, Pakistan: a case study. 2020 , 42, 4355-4368		13
558	A Back Propagation Neural Network Model Optimized by Mind Evolutionary Algorithm for Estimating Cd, Cr, and Pb Concentrations in Soils Using Vis-NIR Diffuse Reflectance Spectroscopy. 2020 , 10, 51		15
557	Determination of some element levels in various kinds of cow's milk processed in different ways. 2020 , 192, 112		7
556	Evolution of heavy metals during thermal treatment of manure: A critical review and outlooks. 2020 , 247, 125962		39
555	Contamination of soil with potentially toxic metals and their bioaccumulation in wheat and associated health risk. 2020 , 192, 138		11
554	Bioaccumulations and potential human health risks assessment of heavy metals in ppk-expressing transgenic rice. 2020 , 710, 136496		13
553	Geostatistical mapping and quantitative source apportionment of potentially toxic elements in top- and sub-soils: A case of suburban area in Beijing, China. 2020 , 112, 106085		13
552	Assessment of human health risks and pollution index for heavy metals in farmlands irrigated by effluents of stabilization ponds. 2020 , 27, 10317-10327		37
551	Health risks of heavy metal exposure and microbial contamination through consumption of vegetables irrigated with treated wastewater at Dubai, UAE. 2020 , 27, 11213-11226		22
550	Comparing CaCl, EDTA and DGT methods to predict Cd and Ni accumulation in rice grains from contaminated soils. <i>Environmental Pollution</i> , 2020 , 260, 114042	9.3	26
549	Levels of heavy metals in soil and vegetables and associated health risks in Mojo area, Ethiopia. 2020 , 15, e0227883		89
548	Quantitative source apportionment of heavy metal(loid)s in the agricultural soils of an industrializing region and associated model uncertainty. 2020 , 391, 122244		51
547	Ecological risk evaluation and source apportionment of heavy metals in park playgrounds: a case study in Xi'an, Shaanxi Province, a northwest city of China. 2020 , 27, 24400-24412		12
546	Innovative health risk assessments of heavy metals based on bioaccessibility due to the consumption of traditional animal medicines. 2020 , 27, 22593-22603		4
545	Food production link to underground waters quality in A Limia river basin. 2020 , 297, 106969		5

544	Cost-effectiveness of the common agricultural policy and environmental policy in country districts: Spatial spillovers of pollution, bio-uniformity and green schemes in Poland. 2020 , 726, 138254		20
543	Organic and Inorganic Fertilizer Contaminants in Agriculture: Impact on Soil and Water Resources. 2020 , 3-41		7
542	Public perception and health implication of loom-dye effluent irrigation on growth of rice (<i>Oryza sativa</i> L.) and red amaranth (<i>Amaranthus tricolor</i> L.) seedlings. 2020 , 27, 19410-19427		2
541	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. 2020 , 260, 121001		14
540	Assessment of potentially toxic pollutants and urban livability in a typical resource-based city, China. 2020 , 27, 18640-18649		13
539	Investigation for heavy metals in river waters in the federal capital territory, North Central of Nigeria. 2020 , 4, 213-219		1
538	Heavy metal mobility in surface water and soil, climate change, and soil interactions. 2020 , 51-88		5
537	Sustainability scienceBelow and above the ground as per the United Nation's sustainable development goals. 2020 , 453-471		1
536	Popular wood and sugarcane bagasse biochars reduced uptake of chromium and lead by lettuce from mine-contaminated soil. <i>Environmental Pollution</i> , 2020 , 263, 114446	9-3	23
535	Epoxy-Triazinetrione-Functionalized Magnetic Nanoparticles as an Efficient Magnetic Nanoadsorbent for the Removal of Malachite Green and Pb(II) from Aqueous Solutions. 2020 , 65, 2731-2742		12
534	A Review of the Health Implications of Heavy Metals in Food Chain in Nigeria. 2020 , 2020, 6594109		27
533	Sentinel species for biomonitoring and biosurveillance of environmental heavy metals in Nigeria. 2020 , 38, 21-60		5
532	Health risks associated with accumulation of heavy metals in fish of Keenjhar Lake, Pakistan. 2020 , 27, 24162-24172		6
531	Evaluating health risk indicators for PTE exposure in the food chain: evidence from a thallium mine area. 2020 , 27, 23686-23694		10
530	Cd and Pb in cocoa beans: Occurrence and effects of chocolate processing. 2021 , 119, 107455		4
529	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 (<i>Spinacia oleracea</i>) and Radish (<i>Raphanus raphanistrum</i> subsp. <i>sativus</i>). 2021 , 199, 792-799		8
528	Distribution, source identification, ecological and health risks of heavy metals in surface sediments of the Rupsa River, Bangladesh. 2021 , 40, 77-101		43
527	Assessments of Heavy Metals in Commercially Available Fertilizers in Brunei Darussalam. 2021 , 10, 234-242		1

526	Evaluating the health risks of heavy metals from vegetables grown on soil irrigated with untreated and treated wastewater in Arba Minch, Ethiopia. 2021 , 761, 143302	20
525	Role of redox system in enhancement of phytoremediation capacity in plants. 2021 , 165-193	
524	Copper bioavailability, uptake, toxicity and tolerance in plants: A comprehensive review. 2021 , 262, 127810	82
523	Cadmium, chromium, nickel and nitrate accumulation in wheat (<i>Triticum aestivum</i> L.) using wastewater irrigation and health risks assessment. 2021 , 208, 111685	4
522	Lead sequestration, immobilization and xylem cavitation in melatonin-primed <i>Amaranthus cruentus</i> . 2021 , 26, 162-171	2
521	Soil texture and properties rather than irrigation water type shape the diversity and composition of soil microbial communities. 2021 , 161, 103834	10
520	Evaluation of spatial and temporal water and soil quality in the Buffalo and Brays Bayou watersheds of Houston, Texas. 2021 , 21, 100455	0
519	Analysis of Arsenic concentration and its speciation in rice of different markets of Pakistan and its associated health risk. 2021 , 21, 101252	6
518	Human Health Risk Assessment of Heavy Metals Through the Consumption of Common Foodstuffs Collected from Two Divisional Cities of Bangladesh. 2021 , 13, 253-268	11
517	Increasing the impact of science and technology to provide more people with healthier and safer food. 2021 , 10, e259	12
516	Geogenic pollution, fractionation and potential risks of Cd and Zn in soils from a mountainous region underlain by black shale. 2021 , 760, 143426	7
515	Evaluation of Heavy Metal Contamination in Paddy Plants at the Northern Region of Malaysia Using ICPMS and Its Risk Assessment. 2020 , 10,	6
514	Trend analysis of global usage of digital soil mapping models in the prediction of potentially toxic elements in soil/sediments: a bibliometric review. 2021 , 43, 1715-1739	7
513	Human health risk assessment by Monte Carlo simulation method for heavy metals of commonly consumed cereals in Iran- Uncertainty and sensitivity analysis. 2021 , 96, 103697	29
512	Potential use of grapevine cv Askari for heavy metal phytoremediation purposes at greenhouse scale. 2021 , 28, 12447-12458	3
511	Metal solubility in the rhizosphere of a co-cropping system. The role of total carbon exudation, soluble proteins and plant interaction. 2020 , 128602	1
510	Occurrence of heavy metal in water, soil, and plants in fields irrigated with industrial wastewater in Sabata town, Ethiopia. 2021 , 28, 12382-12396	12
509	Potential ecological and health risk assessment of different kiwifruit orchards in Qianjiang district, Chongqing city, China. 2021 , 28, 3088-3105	2

508	Evaluation of Heavy Metal Pollution in Shallow Groundwater of Farmland in Huaibei Plain, China. 2021 , 267, 02009	1
507	Heavy Metals Contamination of Arable Lands: A Threat to Food Security and Safety. 2021 , 791-806	
506	Variability in plant trace element uptake across different crops, soil contamination levels and soil properties in the Xinjiang Uygur Autonomous Region of northwest China. 2021 , 11, 2064	2
505	Metagenomic analysis of wastewater microbiome signature: Methods, challenges, and their application in wastewater treatment. 2021 , 51-64	
504	Immobilization of heavy metals (Cd, Zn, and Pb) in different contaminated soils with swine manure biochar. 2021 , 33, 55-65	15
503	Health Risk Assessment of Food Crops Fumigated with Metal Based Pesticides Grown in North-Eastern Nigeria. 2021 , 15, 1-10	1
502	Hydrogen Sulfide: A Road Ahead for Abiotic Stress Tolerance in Plants. 2021 , 13-29	0
501	Sunkij metal mobilizavimo dirvoemyje naudojant nulinio valentingumo geležies nanodaleles tyrimai ir stabilumo vertinimas. 2021 ,	
500	Microbial Exopolysaccharides as Biosurfactants in Environmental and Industrial Applications. 2021 , 81-111	2
499	Heavy Metals Pollution and Its Studies in Coimbatore District, Tamil Nadu. 2021 , 338-356	
498	Heavy metals toxicity to food crops and application of microorganisms in bioremediation. 2021 , 421-434	1
497	Nanotechnological Developments in Nanofiber-Based Membranes Used for Water Treatment Applications. 2021 , 205-259	
496	Metal Stress Impacting Plant Growth in Contaminated Soil Is Alleviated by Microbial Siderophores. 2021 , 317-332	1
495	Nanomaterials in the bioremediation of metal-contaminated soils. 2021 , 319-369	
494	A review of bioremediation of hydrocarbon contaminated soils in Niger Delta area of Nigeria. 2021 , 46, 23-39	
493	Water-stable metal-organic framework for environmental remediation. 2021 , 585-621	2
492	Risk Assessment of Trace Element Contamination in Drinking Water and Agricultural Soil: A Study in Selected Chronic Kidney Disease of Unknown Etiology (CKDu) Endemic Areas in Sri Lanka. 2021 , 2021, 1-10	3
491	Insights into Plant Programmed Cell Death Induced by Heavy Metals-Discovering a. 2021 , 10,	18

- 490 Microbial cell factories for treatment of soil polluted with heavy metals: a green approach. **2021**, 315-332 1
- 489 Health risk assessment of chromium contamination in the nearby population of mining plants, situated at Balochistan, Pakistan. **2021**, 28, 16458-16469 2
- 488 Electrochemical determination of the levels of lead and cadmium in soil samples from Niger and Ogun States, Nigeria: remediation potential with chitosan phosphate and implications for human health and disease. **2021**, 3, 1 0
- 487 Microbiome response under heavy metal stress. **2021**, 39-56 2
- 486 Bioavailability, distribution and health risk assessment of arsenic and heavy metals (HMs) in agricultural soils of Kermanshah Province, west of Iran. **2021**, 19, 107-120 3
- 485 Health risk assessment of heavy metals contamination in selenium-enriched eggs. **2021**, 28, 27047-27055 0
- 484 Manganese Neurotoxicity. **2021**, 1-26
- 483 Determination of several heavy metals in staple foods from traditional markets in Jakarta using neutron activation analysis. **2021**,
- 482 Investigation and correlation of radioactive hazards with magnetic parameters and heavy metals of dwelling sand from two major rivers in south India A comparative study. **2021**, 1070, 012007
- 481 Effectiveness of Bioinoculants *Bacillus cereus* and *Trichoderma asperellum* as Oil Palm Seedlings Growth Promoters. **2021**, 44, 0
- 480 Heavy Metals Accumulation and Health Risk Consumption in Some Vegetables, Isfahan, Iran. **2021**, 19,
- 479 Assessment of the effects of municipal landfills on the metal pollution in the surrounding soils: A case study in Iraq. **2021**, 1058, 012008
- 478 Determination of heavy metals in soil used for potato cultivation by atomic absorption spectroscopy in awi Zone, Amhara Region, Ethiopia. **2021**, 6,
- 477 Experimental study on safe disposal of As slag and As contaminated soil by new olidification/stabilization(S/S) agent TY-Z. **2021**, 675, 012007
- 476 Risk assessment and elemental quantification of anthropogenic activities in soil. **2021**, 43, 4891-4904 0
- 475 Integrated spatial approaches for long-term monitoring of cadmium contamination caused by rainfall erosion: A case study of overland sediment in Mae Sot, Thailand. **2021**, 121, 102961 0
- 474 Seasonal variation of potentially toxic metal contamination in Yamuna riverine ecosystem, Delhi, India. **2021**, 193, 189 4
- 473 Stabilization of Cd and Pb in the contaminated soils by applying modified fly ash. **2021**, 3, 242-252 1

472	Health Risk Assessment of Groundwater in Omu-Aran, Nigeria. 2021 , 1036, 012006		1
471	Heavy Metal and Mineral Composition of Soil, Atmospheric Deposition, and Mosses with Regard to Integrated Pollution Assessment Approach. 2021 , 67, 833-851		3
470	Human health risk associated with heavy metals from consumption of Asiatic Clam, <i>Corbicula fluminea</i> , from Laguna de Bay, Philippines. 2021 , 28, 36626-36639		0
469	Cadmium toxicity in plants: Impacts and remediation strategies. 2021 , 211, 111887		156
468	Assessment of sediment quality of the Qalubiya drain and adjoining soils, Eastern Nile Delta, Egypt. 2021 , 14, 1		6
467	Medium nitrogen optimized <i>Boehmeria nivea</i> L. growth in copper contaminated soil. 2021 , 266, 128972		10
466	Bioremediation. 2021 , 15-40		3
465	Ecological risk and early warning of soil compound pollutants (HMs, PAHs, PCBs and OCPs) in an industrial city, Changchun, China. <i>Environmental Pollution</i> , 2021 , 272, 116038	9.3	7
464	Assessing local impacts of water use on human health: evaluation of water footprint models in the Province Punjab, Pakistan. 2021 , 26, 1027-1044		1
463	Silicon Application Modulates Growth, Physio-Chemicals, and Antioxidants in Wheat (L.) Exposed to Different Cadmium Regimes. 2021 , 19, 15593258211014646		4
462	Potassium di-hydrogen phosphate identification based on wide energy X-ray absorption spectrum and an artificial neural network. 2021 , 183, 106062		1
461	Effluent quality and reuse potential of urban wastewater treated with aerobic-anoxic system: A practical illustration for environmental contamination and human health risk assessment. 2021 , 40, 101891		6
460	Toxic metal phytoextraction potential and health-risk parameters of some cultivated plants when grown in metal-contaminated river sediment of Danube, near an industrial town. 2021 , 43, 2317-2330		0
459	Toxic Metals in Seven Commercial Fish from the Southern Black Sea: Toxic Risk Assessment of Eleven-Year Data Between 2009 and 2019. 2021 , 1		3
458	Distribution and risk appraisal of dissolved trace elements in Begnas Lake and Rupa Lake, Gandaki Province, Nepal. 2021 , 3, 1		4
457	Environmental sustainability and prevention of heavy metal pollution of some geo-materials within a city in southwestern Nigeria. 2021 , 7, e06796		2
456	Understanding Potential Heavy Metal Contamination, Absorption, Translocation and Accumulation in Rice and Human Health Risks. 2021 , 10,		13
455	Soil pollution status of urban soils in St. Petersburg city, North-west of Russia.		4

454	Water treatment via non-membrane inorganic nanoparticles/cellulose composites. 2021 , 50, 329-329	12
453	Environmental contamination by heavy metals and associated human health risk assessment: a case study of surface water in Gomti River Basin, India. 2021 , 28, 56105-56116	17
452	Study of the Transition Pattern of Heavy Metal Absorption in a Rice-Related Matrix. 2021 , 54, 2171-2181	1
451	Role of Two Plant Growth-Promoting Bacteria in Remediating Cadmium-Contaminated Soil Combined with (Lab.). 2021 , 10,	6
450	Appraisal of heavy metal pollution in groundwater of Malwa region, Punjab (India) using stress biomarkers in Brassica juncea. 2021 , 80, 1	1
449	Biologically significant pyrimidine appended optical sensors: An inclusive anthology of literature from 2005 to 2020. 2021 , 435, 213798	6
448	Evaluating the effects of different irrigation and nitrogen applications on soil water content and yield quality parameters of pepper using surface and subsurface drip irrigation*.	
447	Impact of landfill leachate contamination on surface and groundwater of Bangladesh: a systematic review and possible public health risks assessment. 2021 , 11, 100	21
446	Treated Wastewater Irrigation: A Review. 2021 , 13, 1527	17
445	Mathematical Model to Simulate the Transfer of Heavy Metals from Soil to Plant. 2021 , 13, 6157	5
444	Sexual differences in root growth and antioxidant characteristics in exposed to cadmium stress. 2021 , 23, 1466-1475	1
443	Recognition and Sequestration of Toxic Inorganic Water Pollutants with Hydrolytically Stable Metal-Organic Frameworks. 2021 , 21, 1666-1680	7
442	Bioconcentrations and health risk assessment of heavy metals in crops in the Naoli River Basin agricultural area, Sanjiang Plain, China. 2021 , 80, 1	5
441	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
440	Development and optimization of heavy metal lead biosensors in biomedical and environmental applications. 2021 , 84, 745-753	3
439	Ancient Mining and Metallurgy as the Origin of Cu, Ag, Pb, Hg, and Zn Contamination in Soils: A Review. 2021 , 232, 1	2
438	Green and simple synthesized graphene/MnO ₂ quantum dot nanocomposite: characterization and application as an efficient adsorbent for solid-phase extraction of heavy metals. 1	1
437	Ecological and health risk assessment of heavy metals in soil and Chinese herbal medicines. 2021 , 1	2

436	Seasonal variation and source identification of heavy metal(loid) contamination in peri-urban farms of Hue city, Vietnam. <i>Environmental Pollution</i> , 2021 , 278, 116813	9.3	0
435	Potential ecological risk assessment of heavy metals (Cr, Ni, and Co) in serpentine soil at Ginigalpelessa in Sri Lanka. 2021 , 14, 1		
434	Effect of modified fly ash on environmental safety of two soils contaminated with cadmium and lead. 2021 , 215, 112175		4
433	Appraisal of Health Risk Assessment of Potentially Toxic Metals in Edible Fruits in Ile-Ife, Nigeria. 1		0
432	Migration and transformation of heavy metals in hyperaccumulators during the thermal treatment: a review. 2021 , 28, 47838-47855		2
431	Spectroscopic study of Cu, Mn, Cd as heavy metals in agricultural samples. 2021 , 1171, 012001		
430	Dietary Metals (Pb, Cu, Cd, Zn) Exposure and Associated Health Risks in Baia Mare Area, Northwestern Romania. 2021 , 2, 580-592		0
429	Assessment of heavy metal bioremediation potential of bacterial isolates from landfill soils. 2021 , 28, 3948-3956		6
428	Farmland heavy metals can migrate to deep soil at a regional scale: A case study on a wastewater-irrigated area in China. <i>Environmental Pollution</i> , 2021 , 281, 116977	9.3	7
427	Weak electric field enabling enhanced selectivity of tannic acid-graphene aerogels for Pb ²⁺ harvesting from wastewater. 2021 , 416, 129144		7
426	Xanthium strumarium L. an Alien Invasive Species in Khyber Pakhtunkhwa (Pakistan): A Tool for Biomonitoring and Environmental Risk Assessment of Heavy Metal Pollutants. 1		2
425	Coupling sprinkler freshwater irrigation with vegetable species selection as a sustainable approach for agricultural production in farmlands with a history of 50-year wastewater irrigation. 2021 , 414, 125576		3
424	Modelling and efficiency assessment of the up flow fixed bed process packed with Moringa oleifera for continuous Cd(II) removal from drinking water. 2021 , 1236, 130328		2
423	Bioavailability and health risk assessment of potentially toxic elements in popcorn kernel from sandy loam Ferric Luvisol amended with municipal solid waste compost. 2021 , 1		0
422	Distribution of trace elements in benthic infralittoral organisms from the western Antarctic Peninsula reveals no latitudinal gradient of pollution. 2021 , 11, 16266		1
421	Environmental risk assessment in selected dumpsites in Abakaliki metropolis, Ebonyi state, southeastern Nigeria. 2021 , 4, 100143		2
420	Integrated Life Cycle Assessment for Sustainable Remediation of Contaminated Agricultural Soil in China. 2021 , 55, 12032-12042		12
419	A review on environmental and socioeconomic perspectives of three promising biofuel plants <i>Jatropha curcas</i> , <i>Pongamia pinnata</i> and <i>Mesua ferrea</i> . 2021 , 151, 106173		8

418	Heavy Metal Resistance in Typhimurium and Its Association With Disinfectant and Antibiotic Resistance. 2021 , 12, 702725	2
417	Health risk assessment of heavy metals via consumption of dietary vegetables using wastewater for irrigation in Swabi, Khyber Pakhtunkhwa, Pakistan. 2021 , 16, e0255853	4
416	Methods, principles and applications of optical detection of metal ions. 2021 , 417, 129125	11
415	Recent advances on ZIF-8 composites for adsorption and photocatalytic wastewater pollutant removal: Fabrication, applications and perspective. 2021 , 441, 213985	35
414	Evaluation of heavy metals accumulation risks in water of the Qalubiya drain in East Delta, Egypt. 2021 , 14, 1	0
413	Health risk assessment of trace metals in selected food crops at Abuakwa South Municipal, Ghana. 2021 , 193, 609	2
412	Toxic wastewater status for irrigation usage at Gazipur and Savar industrial vicinity of Bangladesh. 2021 , 41, 358-364	5
411	Soil Contamination from Construction Projects. 2022 , 205-244	
410	Controllable synthesis of coral-like hierarchical porous magnesium hydroxide with various surface area and pore volume for lead and cadmium ion adsorption. 2021 , 416, 125922	3
409	Water quality and health risk assessment of lakes in arid regions, case study: Chahnimeh reservoirs in Sistan and Baluchestan Province, SE Iran. 2021 , 14, 1	1
408	Assessment of the risks from dietary lead exposure in China. 2021 , 418, 126134	3
407	Assessment of <i>Casuarina glauca</i> as biofiltration model of secondary treated urban wastewater: effect on growth performances and heavy metals tolerance. 2021 , 193, 653	1
406	Concentration of heavy metals and its risk assessments on <i>Pseudotolithus senegalensis</i> , <i>Sciaenops ocellatus</i> and <i>Chloroscombrus chrysurus</i> smoked on different ovens. 2021 , 13, e00953	
405	High adsorption capacity and selectivity of layered metal sulfide (KZTS) for effective removal of lead ions from wastewater. 2021 , 56, 18233-18247	0
404	Bioconcentrations and health risk assessment of heavy metals in paddy fields—case study in Naoli River Basin, Sanjiang Plain, China. 2021 , 14, 1	0
403	River pollution and social inequalities in Dhaka, Bangladesh. 2021 , 3, 095003	1
402	Assessment of <i>Capsicum annum</i> L. Grown in Controlled and Semi-Controlled Environments Irrigated with Greywater Treated by Floating Wetland Systems. 2021 , 11, 1817	1
401	Steel Slag and Autoclaved Aerated Concrete Grains as Low-Cost Adsorbents to Remove Cd ²⁺ and Pb ²⁺ in Wastewater: Effects of Mixing Proportions of Grains and Liquid-to-Solid Ratio. 2021 , 13, 10321	1

400	Arsenic contribution of poultry manure towards soils and food plants contamination and associated cancer risk in Khyber Pakhtunkhwa, Pakistan. 2021 , 1		1
399	Analysis and health risk assessment of heavy metals in some onion varieties. 2021 , 14, 103364		1
398	Soil heterogeneity within a vineyard impacts the beta but not the alpha microbial agro-diversity. 2021 , 166, 104088		2
397	Removal of heavy metals from soil with biochar composite: A critical review of the mechanism. 2021 , 9, 105830		16
396	Using heavy metal pollution indices to assess water quality of surface and groundwater on catchment levels in South Africa. 2021 , 182, 104254		4
395	A multi-functional Cd(II)-based coordination polymer for the highly sensitive detection of nitrofurazone and photocatalytic efficiency of Rhodamine B. 2021 , 527, 120566		2
394	Heavy metals concentration in vegetables irrigated with municipal wastewater and their human daily intake in Erbil city. 2021 , 16, 100475		5
393	Accumulation of heavy metals in grape fruit, leaves, soil and water: A study of influential factors and evaluating ecological risks in Jaffna, Sri Lanka. 2021 , 12, 100147		6
392	Childhood exposure to metal(loid)s in industrial and urban areas along the Persian Gulf using toenail tissue as a biomarker. <i>Environmental Pollution</i> , 2021 , 291, 118090	9-3	2
391	Heavy metal pollution in the soil-vegetable system of Tannery Estate. 2021 , 16, 100557		4
390	Heavy metal pollution status and health risk assessment vicinity to Barapukuria coal mine area of Bangladesh. 2021 , 16, 100469		3
389	Potassium and Nitrogen Fertilization vs. Trace Element Content of Maize (<i>Zea mays</i> L.). 2021 , 11, 96		3
388	Ecological risk assessment of toxic metal pollution in the industrial zone on the northern slope of the East Tianshan Mountains in Xinjiang, NW China. 2021 , 13, 582-593		0
387	Mapping heavy metal (Cu, Zn, and Pb) pollution and ecological risk assessment, in the surroundings of Gabes cement plant-Tunisia. 2021 , 23, 937-944		0
386	Assessment of trace metal contamination in the core sediment of Ramsar wetland (Kabar Tal), Begusarai, Bihar (India). 2021 , 28, 18686-18701		4
385	Determination of heavy metals in the territory of contaminated areas of Greece and their restoration through hyperaccumulators. 2021 , 28, 3858-3863		5
384	Role of <i>Bacillus</i> spp. in Agriculture. 2021 , 269-298		
383	Effects of brewery sludge on soil chemical properties, trace metal availability in soil and uptake by wheat crop, and bioaccumulation factor. 2021 , 7, e05989		0

382	Contamination of rice crop with potentially toxic elements and associated human health risks-a review. 2021 , 28, 12282-12299	10
381	Risk Assessment for Oral Bioaccessibility of Lead and Cadmium in the Potato Growing in Smelter-Impacted Soil. 2021 , 106, 363-369	1
380	Phytoremediation Using Native Plants. 2020 , 285-327	3
379	Lead Pollution and Human Exposure: Forewarned is Forearmed, and the Question Now Becomes How to Respond to the Threat!. 2020 , 33-65	4
378	Heavy Metal Soil Contamination and Bioremediation. 2020 , 221-239	1
377	Heavy Metal Mitigation with Special Reference to Bioremediation by Mixotrophic Algae-Bacterial Protocooperation. 2020 , 305-334	4
376	Global Experiences on Wastewater Irrigation: Challenges and Prospects. 2016 , 289-327	38
375	Chemical-Induced Washing Remediation of Metal-Contaminated Soils. 2016 , 197-218	2
374	Potential Hazardous Elements Fluxes from Soil to Plants and the Food Chain. 2014 , 309-337	5
373	Phytoremediation of Metal-Contaminated Sites. 2020 , 725-745	2
372	A Comprehensive Evaluation of Heavy Metal Contamination in Foodstuff and Associated Human Health Risk: A Global Perspective. 2020 , 33-63	19
371	Arsenic contamination, subsequent water toxicity, and associated public health risks in the lower Indus plain, Sindh province, Pakistan. 2019 , 26, 30642-30662	23
370	Identifying factors that influence soil heavy metals by using categorical regression analysis: A case study in Beijing, China. 2020 , 14, 1	19
369	Potentially toxic elements concentrations and human health risk assessment of food crops in Bajaur Agency, Pakistan. 2017 , 76, 1	15
368	Polymer matrix nanocomposites for heavy metal adsorption: a review. 2020 , 17, 1259-1281	9
367	Application of poultry manure in agriculture fields leads to food plant contamination with potentially toxic elements and causes health risk. 2020 , 19, 100909	13
366	Levels of heavy metals in wastewater and soil samples from open drainage channels in Nairobi, Kenya: community health implication. 2020 , 10, 8434	120
365	Environmental monitoring and ecological risk assessment of heavy metals in farmland soils. 2021 , 27, 392-404	20

364	Level of heavy metals in sliced watermelon fruits in selected markets in Akure, Nigeria. 2020 , 44,	1
363	Geospatial human health risk assessment in an Argentine region of hydroarsenicism. 2014 , 597-601	1
362	Pollution Load Index (PLI) of field irrigated with wastewater of Mawaiya Drain in Naini suburbs of Allahabad District. 2018 , 13, 159-164	2
361	Phytoremediation of Heavy Metals From Mixed Domestic Sewage Through Vertical- Flow Constructed Wetland Planted with Canna Indica and Acorus Calamus. 2020 , 15, 430-440	2
360	On-line quantitative analysis of heavy metals in water based on laser-induced breakdown spectroscopy. 2019 , 27, A495-A506	17
359	Cross-species extrapolation of prediction model for lead transfer from soil to corn grain under stress of exogenous lead. 2014 , 9, e85688	8
358	Heavy metal contamination of vegetables irrigated by urban stormwater: a matter of time?. 2014 , 9, e112441	28
357	Responses of Wheat Yield, Macro- and Micro-Nutrients, and Heavy Metals in Soil and Wheat following the Application of Manure Compost on the North China Plain. 2016 , 11, e0146453	24
356	Assessment of Heavy Metal Pollution in Topsoil around Beijing Metropolis. 2016 , 11, e0155350	11
355	Trace metals contamination potential and health risk assessment of commonly consumed fish of Perak River, Malaysia. 2020 , 15, e0241320	5
354	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. 2016 , 3,	6
353	EVALUATION OF POTENTIAL METHANE GENERATION IN THE INVESTIGATION OF AN ABANDONED CONTAMINATED LANDFILL IN SANTIAGO, CHILE. 2016 , 33, 723-731	4
352	Lead Levels in Vegetables from Artisanal Mining Sites of Dilimi River, Bukuru and Barkin Ladi North Central Nigeria: Cancer and Non-Cancer Risk Assessment. 2017 , 18, 621-627	7
351	Genotoxic and Apoptotic Effects of Heavy Metal Mixture on Human Aortic Vascular Smooth Muscle Cell Line.	1
350	HEAVY METALS IN SOIL AND VEGETABLES AND THEIR EFFECT ON HEALTH. 2017 , 2, 17-27	5
349	An Overview of Adsorption Technique for Heavy Metal Removal from Water/Wastewater: A Critical Review. 2017 , 3, 10-19	52
348	Accumulation and Soil-to-Plant Transfer Factor of Lead and Manganese in some Plant Species in Semnan Province, Central Iran. 2016 , 10, 29-33	3
347	A quick screening to assess the phytoextraction potential of cadmium and copper in Quercus pubescens plantlets. 2017 , 10, 93-98	2

346	RAPID DETERMINATION OF THE IMMOBILIZATION CONDITIONS FOR LEAD AND CADMIUM IN SOIL USING 2, 4, 6-TRIMERCAPTOTRIAZINE, TRISODIUM SALT, NONAHYDRATE. 2019 , 27, 209-214	1
345	Accumulation of Heavy Metals in Soil and Sweet Potato (<i>Ipomoea batatas</i>) Irrigated with Treated and Untreated Textile Effluents. 2019 , 19, 837-847	2
344	Remediation of Iron Using Rhamnolipid-Surfactant Produced by <i>Pseudomonas aeruginosa</i> . 2015 , 9, 169-177	14
343	Metal Contamination Of Foods and Drinks Consumed in Ota, Nigeria. 2014 , 8, 92-97	10
342	Nanoparticles as Adsorbent; A Positive Approach for Removal of Noxious Metal Ions: A Review. 2015 , 34, 195-214	100
341	Soil Contamination. 173-199	3
340	Dynamics of Metal Distribution in Cultivated Soil and Vegetables in Vicinity to Industrial Deposition. 2013 , 3, 117-124	1
339	Characterization of Urban Soil with SEM-EDX. 2016 , 07, 724-735	6
338	Effect of crude oil pollution on heavy metal contents, microbial population in soil, and maize and cowpea growth. 2014 , 05, 43-50	4
337	Heavy Metals Accumulation in Soil Irrigated with Industrial Effluents of Gadoon Industrial Estate, Pakistan and Its Comparison with Fresh Water Irrigated Soil. 2014 , 03, 80-87	3
336	Leafy Vegetables as Potential Pathways to Heavy Metal Hazards. 2019 , 08, 23-32	2
335	Trace and Macro Elements Concentrations in Selected Fresh Fruits, Vegetables, Herbs, and Processed Foods in North Carolina, USA. 2015 , 06, 573-583	14
334	Polycyclic Aromatic Hydrocarbons and Selected Heavy Metals in Some Oil Polluted Sites in Delta State Nigeria. 2016 , 07, 1389-1410	9
333	Heavy Metals in Native Potato and Health Risk Assessment in Highland Andean Zones of Junín, Peru. 2020 , 11, 921-937	4
332	Metals toxicity and its bioaccumulation in purslane seedlings grown in controlled environment. 2013 , 05, 573-579	9
331	Co-Contamination of Arsenic and Other Trace Elements (Hg, Pb, Al, Fe, Cr, Ni, and Cd) in the Rafsanjan Plain Alluvial Aquifer SE of Iran and Arsenic Risk Assessment. 2017 , 07, 1710-1723	1
330	Distribution, Enrichment and Accumulation of Heavy Metals in Soil and &iTrigonella foenum-graecum&i; L. (Fenugreek) after Fertigation with Paper Mill Effluent. 2013 , 03, 8-20	2
329	Heavy Metal Contaminated Food Crops Irrigated with Wastewater in Peri Urban Areas, Zambia. 2013 , 03, 77-88	2

328	Relationship of Arsenic and Lead in Soil with Fruit and Leaves of Apple Trees at Selected Orchards in Michigan. 2020 , 83, 935-942	1
327	Elemental Composition and Associated Health Risk of Honey Obtained from Apiary Farms in Southeast Nigeria. 2020 , 83, 1745-1756	1
326	Effect of Different Irrigation Sources on Growth, Yield and Heavy Metals Accumulation in Tomato and Okra. 2019 , 10-19	3
325	Occurrence of selected metals in feed and sheep's milk from areas with different environmental burden. 2018 , 12,	1
324	Effects of fertigation with purified urban wastewater on soil and pepper plant (<i>Capsicum annum</i> L.) production, fruit quality and pollutant contents. 2012 , 10, 209	21
323	Heavy metals in the vegetables collected from production sites. 2013 , 3, 185-93	22
322	Potential Human Health Risks of Tannery Waste-contaminated Poultry Feed. 2015 , 5, 68-77	7
321	Public Health Risk Assessment of Heavy Metal Uptake by Vegetables Grown at a Waste-water-Irrigated Site in Dhaka, Bangladesh. 2015 , 5, 78-85	13
320	Lead and Cadmium Levels in Residential Soils of Lagos and Ibadan, Nigeria. 2017 , 7, 42-55	9
319	Use of Agricultural Wastes for the Immobilization of Metals in Polluted Soils in Lagos State, Nigeria. 2017 , 7, 56-64	2
318	Retracted Human Health Risk of Chromium Intake From Consumption of Poultry Meat and Eggs in Dhaka, Bangladesh. 2017 , 7, 30-36	2
317	A Market Basket Survey of Horticultural Fruits for Arsenic and Trace Metal Contamination in Southeast Nigeria and Potential Health Risk Implications. 2017 , 7, 40-50	6
316	Characterization, Spatial Variation and Risk Assessment of Heavy Metals and a Metalloid in Surface Soils in Obuasi, Ghana. 2018 , 8, 180902	4
315	Heavy Metal Levels and Potential Health Risk Assessment in Honey Consumed in the West of Iran. 2016 , 3,	8
314	Health Risk Assessment of Heavy Metals (Cd, Cu, Pb and Zn) in Soybean Marketed in Hamedan City, Iran. 2016 , 14,	2
313	Alarming carcinogenic and non-carcinogenic risk of heavy metals in Sabalan dam reservoir, Northwest of Iran. 2021 , 33, 278-291	14
312	Evaluation of the impact of municipal landfills on soil. 2021 , 1184, 012015	
311	The Groundwater Geochemistry and the Human Health Risk Assessment of Drinking Water in an Area with a High Prevalence of Chronic Kidney Disease of Unknown Etiology (CKDu), Sri Lanka. 2021 , 2021, 1-18	2

310	Heavy metals contamination in two species of medicinal plants in the Iranian market. 1-10	1
309	A review of heavy metals accumulation pathways, sources and management in soils. 2021 , 14, 1	2
308	Urban mosquitoes and filamentous green algae: their biomonitoring role in heavy metal pollution in open drainage channels in Nairobi industrial area, Kenya. 2021 , 21, 188	0
307	Soil gallium speciation and resulting gallium uptake by rice plants. 2021 , 424, 127582	0
306	Distribution, bioavailability, and human health risk assessment of arsenic in groundwater-soil-rice system in the Jiangnan Plain, Central China. 2021 , 1	0
305	Evaluation of Some Heavy Metal Contamination in <i>Malva parviflora</i> L. Plant and Soil Obtained from Gardens of College of Agriculture-University of Baghdad. 2014 , 13, 310-313	0
304	Comparison of Trace Element, Metal, and Metalloid Contents in North and South Korean Plants. 2014 , 23, 995-1001	
303	Phytochemicals and Nutraceuticals. 2015 , 31-65	1
302	Contamination of Arsenic and Other Heavy Metals in Rhizospheric Soil. 2015 , 06, 822-829	1
301	Toxicity Evaluation of Crop Plants Irrigated with Treated Municipal Wastewater. 2015 , 9, 211-217	
300	Urbanisation and Evolving Food Security Challenges. 2016 , 29-55	
299	Heavy Metal Levels and Potential Health Risk Assessment in Honey Consumed in the West of Iran. 2016 , In Press,	1
298	Bentonite Effects on Zinc Concentration in Plants Irrigated with Wastewater. 2017 , 08, 2433-2444	
297	Self-perceived Incentives and Disincentives of Untreated Waste Water Irrigation in Vegetables in Peri-Urban Areas of Pakistan. 2017 , 8, 231-235	
296	Evaluation of Metal Contamination in Water Samples by Inductively Coupled Plasma Atomic Emission Spectroscopy. 2017 , 11, 130-136	
295	A Market Basket Survey of Horticultural Fruits for Arsenic and Trace Metal Contamination in Southeast Nigeria and Potential Health Risk Implications. 2017 , 8, 40-50	
294	Theoretical Modelling of Immobilization of Cadmium and Nickel in Soil Using Iron Nanoparticles. 2017 , 9, 381-386	
293	Effect of Wastewater on the Soil and Irrigation Process: A Laboratory Study. 2017 , 1, 46-55	3

- 292 Wastewater Management to Environmental Materials Management. **2018**, 1-24 0
- 291 Demethylation of Arsenic and Nickel From Tannery Effluent. **2018**, 92-103
- 290 Risk Implications of Heavy Metal Contamination in Agricultural Soil and Crop Productivity. **2018**, 238-258
- 289 Differential Analysis Heavy Metal Elements in Soil of *Gastrodia elata* Bl. Planting in Zhaotong, Yunnan. **2018**, 06, 115-124
- 288 Adsorptive behavior of Ni (II) on phosphoethanolamine functionalized titanium dioxide. **2018**, 2,
- 287 KADMİYUM, KURÜN VE NİKO METALLERİNİN MARUL (*Lactuca sativa*) TOHUMLARININ MİLENME ZELLİKLERİNERNE ETKİSİ **2018**, 23, 299-308 0
- 286 Ameliorative Effect of P and Ca, Mg, K Addition on Buckwheat in the Presence of Heavy Metal Stress. 217-221
- 285 Heavy Metal Contamination of Selected Vegetables from Crude Oil and Non Crude Oil-Producing States in Nigeria: A Comparative Study. 3, 1-15
- 284 Heavy Metal Speciation and Health Risk Assessment of Soil and Jute Mallow (*Corchorus Olitorus*) Collected From a Farm Settlement in Ikorodu, Lagos, Nigeria. **2019**, 08, 201-223
- 283 Health Risks due to Consumption of <i>Malus domestica</i> Golden Delicious Containing Heavy Metals. **2019**, 10, 577-594 1
- 282 Wastewater Management to Environmental Materials Management. **2019**, 2745-2768 2
- 281 Toxic Elements in Bangladesh Drinking Water. **2019**, 273-296
- 280 Heavy Metal Speciation and Health Risk Assessment of Soil and Jute Mallow (*Corchorus Olitorus*) Collected From a Farm Settlement in Ikorodu, Lagos, Nigeria. **2019**, 08, 201-223
- 279 AYDIN İNDE TRETİEN SEBZE VE MEYVELERİN ESER ELEMENT DERMİLERİNİN TAYINI **2019**, 301-308
- 278 Assessment of Cd, Hg, Pb, Cu and Zn Amounts in Muscles of *Cyprinus Carpio* from Karasu Stream, Sinop. **2019**, 7, 171-180 2
- 277 Wavelength Dispersive XRF Study of Heavy Elements in Soil in Cancer Hit Villages of Malwa Region of Punjab, India. **2019**, 35, 1045-1053
- 276 Karacabey (Bursa) İsinin Hidrojeoloji İncelemesi ve İne Suların Sağlık Risk Değerlendirmesi. 239-251
- 275 Salt of the Earth. **2019**, 45-58

- 274 Soil and Air Pollutant Loads on Plants from a Cement factory in Haridwar District, Uttarakhand. **2019**, 42, 263-271 0
- 273 Acids and Anions Effects on the Distrubution of Cadmium Between Buffered Aqueous Phases and 4,4-(1e,1e)-1,1-(Ethane-1,2-Diylbis (Azan-1-Yl-1ylidene)) Bis(5-Methyl-2-Phenyl-2,3-Dihydro-1h-Pyrazol-3-Ol) Solutions. **2019**, 35, 1702-1711 0
- 272 İstanbulda Madencilik Faaliyetleri Nedeni ile Oluñ Riskli Zemin Alanların Belirlenmesi. **2019**, 5, 293-306 1
- 271 Kadmiyum ile kirlı alanlarda bitki besin elementlerinin alımına indol asetik asitin etkisi. **2019**, 7, 80-85 0
- 270 Bioaccumulation and health risk assessment of heavy metals in Musa paradisiaca, Zea mays, Cucumeropsis manii and Manihot esculenta cultivated in Onne, Rivers State, Nigeria. **2020**, 35, e2020011 1
- 269 Evaluation of the Human Health Risk of Wild Edible Mushrooms Consumption from Batak Mountain, Bulgaria. **2020**, 49, 1573-1575
- 268 Dietary heavy metal(loid)s exposure and prevalence of chronic kidney disease of unknown aetiology (CKDu) in Sri Lanka. **2021**, 1 0
- 267 Heavy Metal Contents and Assessment of Soil Contamination in Different Land-Use Types in the Qaidam Basin. **2021**, 13, 12020 2
- 266 A SWOT analysis of contemporary gaps and a possible diagnostic tool for environmental health in an upper-middle income country: a case study of South Africa. **2021**, 1-23 0
- 265 Environmental Applications of Reduced Sulfur Species and Composites in Transformation and Detoxification of Contaminants. **2021**, 9, 106696 1
- 264 Retention dynamics of multi-metal contaminants from pond ash slurry onto fine grained soil. **2021**, 100229 0
- 263 Bioaccumulation and Human Health Risk of Heavy Metals from Pesticides in Some Crops Grown in Plateau State, Nigeria. **2021**, 4, 12 2
- 262 Demethylation of Arsenic and Nickel From Tannery Effluent. **2022**, 508-516
- 261 Evaluation of Levels of Selected Heavy Metals in Kales, Soils and Water Collected from Irrigated Farms along River Moiben, Uasin-Gishu County, Kenya. **2020**, 08, 144-155 1
- 260 Health risks of essential Ni and Fe via consumption of water spinach Ipomoea aquatica collected from Peninsular Malaysia. **2020**, 4, 001-004
- 259 Ecological and Human Health Risk Assessment of Toxic Metals in Water, Sediment and Fish from Lower Usuma Dam, Abuja, Nigeria. **2020**, 08, 82-106 1
- 258 Tree Barks for Bioremediation of Heavy Metals from Polluted Waters. **2020**, 277-288
- 257 Effects of swine wastewater irrigation on soil properties and accumulation of heavy metals and antibiotics. 1 1

256	Use of Natural Zeolite and Its Mixtures to Refine High-Concentrated Heavy Metal-Contaminated Wastewater: an Investigation of Simultaneous Removal of Cd (II) and Pb (II) by Batch Adsorption Method. 2021 , 232, 1	1
255	Health Risk Assessment of Heavy Metals Due to Wheat, Cabbage, and Spinach Consumption at Cold-Arid High Altitude Region. 2021 , 1	0
254	Evaluation of heavy metal exposure pathways on children from an informal e-waste processing village in Viet Nam. 1-17	1
253	Occurrence and Impact of Heavy Metals on Some Water, Land, Flora and Fauna Resources across Southwestern Nigeria.	
252	Soil Contamination: A Menace to Life.	3
251	The usefulness of ascorbic acid degradation to analyze the effectiveness of water filtration in household water filter jugs. 2020 , 66, 71-75	
250	Heavy metal contamination of vegetables in Isfahan, Iran. 2013 , 8, 51-8	11
249	Human Health Risk Assessment of Cd, Cu, Pb and Zn through Consumption of Raw and Pasteurized Cow's Milk. 2018 , 47, 1172-1180	15
248	Bioaccumulation Factor of Selected Heavy Metals in Zea mays. 2019 , 9, 191207	2
247	A Montmorillonite Composite Particle Easily Separated From Water After Adsorbing Pollutants.	
246	Study of the joint action of multi-component mixtures based on parameter Γ characterizing the shape difference of concentration-response curves. <i>Environmental Pollution</i> , 2021 , 293, 118486	9.3 0
245	Chemical residues: potential food safety hazards in the Middle East. 2022 , 143-186	1
244	Bioaccumulation and health risk assessment of exposure to potentially toxic elements by consuming agricultural products irrigated with wastewater effluents. 2021 , 205, 112479	3
243	Ecological risk assessment of heavy metals in soils of the Trans-Urals zone of the Republic of Bashkortostan (Russian Federation). 2021 , 862, 012028	0
242	Assessment of the pollution levels of potential toxic elements in urban vegetable gardens in southwest China. 2021 , 11, 22824	1
241	Role of sugarcane industrial byproducts on soil physicochemical properties and metal accumulation in rice. 2021 , 29, 24726	1
240	Potential Health Risks Associated with the Heavy Metal Content in Commonly Consumed Food from Prakasam District of Andhra Pradesh, India. 2021 , 1	0
239	The Dilemmas of Water Quality and Food Security Interactions in Low- and Middle-Income Countries. 2021 , 3,	0

238	Invited Perspective: Assessing the Contaminant Exposure Risks of Urban Gardening: Call for Updated Health Guidelines. 2021 , 129, 111302	2
237	Development of a soil heavy metal estimation method based on a spectral index: Combining fractional-order derivative pretreatment and the absorption mechanism. 2021 , 151882	2
236	An Insight into Microbes Mediated Heavy Metal Detoxification in Plants: a Review. 1	6
235	Harmful Impacts of Heavy Metal Contamination in the Soil and Crops Grown Around Dumpsites. 2021 , 9, 271-282	1
234	Batch adsorption and column studies in the removal of lead (II) ion from aqueous medium using lumbang (<i>Aleurites moluccana</i>)-derived activated carbon chitosan composite crosslinked with epichlorohydrin. 2021 ,	
233	Remediation of heavy metal contaminated soil: Role of biochar. 2021 , 7, 39-63	0
232	Potentially Toxic Metals in Sediments from Liao River Estuary Wetland: Concentration, Source, and Risk Assessment. 2100470	0
231	Structural Identification of Metalloproteomes in Marine Diatoms, an Efficient Algae Model in Toxic Metals Bioremediation.. 2022 , 27,	0
230	The removing of metronidazole using <i>Hydrilla verticillate</i> from water using phytoremediation. 2022 ,	0
229	Risk assessment of trace elements accumulation in soil-herbage systems at varied elevation in subalpine grassland of northern Tibet Plateau.. 2022 , 29, 27636	1
228	Management of Sewage Sludge for Environmental Sustainability. 2022 , 353-381	
227	Crop selection reduces potential heavy metal(loid)s health risk in wastewater contaminated agricultural soils.. 2022 , 819, 152502	2
226	Transfer of Metal(loid)s from Soil to Leaves and Trunk Xylem Sap of Medicinal Plants and Possible Health Risk Assessment.. 2022 , 19,	0
225	Assessment of heavy metal soil pollution in the agricultural land of North Western Bangladesh. 2021 , 10, 221-242	
224	Wastewaters as Non-conventional Sources of Irrigation. 2021 , 545-598	
223	Heavy Metal Contamination of Food Crops: Transportation via Food Chain, Human Consumption, Toxicity and Management Strategies.	0
222	Detection and evaluation of trace metals in soil using nanosensors. 2022 , 217-235	
221	Quantitative Analysis and Human Health Risk Assessment of Heavy Metals in Paddy Plants Collected from Perak, Malaysia.. 2022 , 19,	0

220	Heavy Metal Contamination in L. at the Eastern Region of Malaysia and Its Risk Assessment.. 2022 , 19,	1
219	Honey bees as biomonitors of environmental contaminants, pathogens, and climate change. 2022 , 134, 108457	7
218	A comprehensive review on nanobiotechnology for bioremediation of heavy metals from wastewater.. 2022 ,	3
217	AVI- and GOD-based vulnerability assessment of aquifer units: a case study of parts of Akwa Ibom State, Southern Niger Delta, Nigeria. 2022 , 8, 1	0
216	Macronutrients, trace metals and health risk assessment in agricultural soil and edible plants of Mahshahr City, Iran.. 2022 , 194, 131	
215	Catalytic Neutralization of Water Pollutants Mediated by Dendritic Polymers.. 2022 , 12,	5
214	Concentration, Sources, and Associated Risks of Trace Elements in the Surface Soil of Kathmandu Valley, Nepal. 2022 , 233, 1	2
213	Appraising growth, daily intake, health risk index, and pollution load of Zn in wheat (<i>Triticum aestivum</i> L.) grown in soil differentially spiked with zinc.. 2022 , 1	2
212	Nanosensors for the detection of heavy trace metals in soil. 2022 , 329-353	
211	Impact of treated sewage effluent on soil fertility, salinization, and heavy metal content. 81,	
210	Use of nanotechnology for wastewater treatment: potential applications, advantages, and limitations. 2022 , 223-272	1
209	Seasonal monitoring of algal diversity and spatiotemporal variation in water properties of Simsang river at South Garo Hills, Meghalaya, India. 2022 , 8, 1	0
208	Phytoremediation: The ultimate technique for reinstating soil contaminated with heavy metals and other pollutants. 2022 , 19-49	1
207	Biomagnification of potentially toxic elements in animals consuming fodder irrigated with sewage water.. 2022 , 1	1
206	Poultry Litter Biochar as a Gentle Soil Amendment in Multi-Contaminated Soil: Quality Evaluation on Nutrient Preservation and Contaminant Immobilization. 2022 , 12, 405	2
205	Heavy metals and health risk assessment in vegetables grown in the vicinity of a former non-metallic facility located in Romania.. 2022 , 1	3
204	Comparative evaluation of groundwater, wastewater and canal water for irrigation on toxic metal accumulation in soil and vegetable: Pollution load and health risk assessment. 2022 , 264, 107515	2
203	Soil microbial biomass, activities and diversity in Southern Italy areas chronically exposed to trace element input from industrial and agricultural activities. 2022 , 174, 104392	1

202	Screening of Xanthium strumarium (IAPS) Growing on Abandoned Habitats in Khyber Pakhtunkhwa, Pakistan: Perspectives for Phytoremediation. 2021 , 11, 11704	2
201	Heavy Metal Contamination and Human Health Implications in the Chan Thnal Reservoir, Cambodia. 2021 , 13, 13538	3
200	Heavy Metal Contamination of Natural Foods Is a Serious Health Issue: A Review. 2022 , 14, 161	10
199	Bioaccumulation Factor of Selected Heavy Metals in Zea mays. 2019 , 9, 191207	14
198	Wastewater Irrigation and Plant Growth: An Insight into Molecular Studies. 2022 , 57-74	
197	Nutrient Uptake and Plant Growth Under the Influence of Toxic Elements. 2022 , 75-101	1
196	Consequences of Heavy Metals in Water and Wastewater for the Environment and Human Health. 2022 , 221-228	0
195	Futuristic Role of Bhartiya Nirdeshak Dravya an Indian Reference Material on Safety and Quality of Food Products. 1	
194	Metal content in soils of Northern India and crop response: a review. 1	1
193	Beneficial Role of Selenium (Se) Biofortification in Developing Resilience Against Potentially Toxic Metal and Metalloid Stress in Crops: Recent Trends in Genetic Engineering and Omics Approaches. 1	1
192	Comparison of heavy metal speciation, transfer and their key influential factors in vegetable soils contaminated from industrial operation and organic fertilization. 1	0
191	Accumulation of Heavy Metals in Rice (. L) Grains Cultivated in Three Major Industrial Areas of Bangladesh.. 2022 , 2022, 1836597	0
190	Microplastic pollution in Rawa Jombor Reservoir, Klaten, Central Java, Indonesia: accumulation in aquatic fauna, heavy metal interactions, and health risk assessment. 2022 , 233, 1	1
189	Superparamagnetic Iron Oxide Nanoparticle Nanodevices Based on FeO Coated by Meglumonic Ligands for the Adsorption of Metal Anions from Water.. 2022 , 7, 10775-10788	1
188	An Insight into Pathway and Health Risk Assessment of Toxic Metals in Herbal Medicine. 2022 , 2022, 1-7	0
187	Assessment of Health Risk Due to Consumption of Spinach (Spinacia oleracea) Cultivated with Heavy Metal Polluted Water of Bhabadah Water-Logged Area of Bangladesh. 1	0
186	Improving a PGNAA Technique to Detect Heavy Metals in Solid Samples. 2022 , 12, 3714	
185	Investigating the Drinking Water Quality and Associated Health Risks in Metropolis Area of Pakistan. 9,	3

184	Metals in e-waste: Occurrence, fate, impacts and remediation technologies. 2022 ,	5
183	A novel network montmorillonite composite particle directly separated from water after adsorption pollutants. 2022 , 140, 109444	0
182	Decrypting the synergistic action of the Fenton process and biochar addition for sustainable remediation of real technogenic soil from PAHs and heavy metals.. <i>Environmental Pollution</i> , 2022 , 119098-3	0
181	Assessment of Heavy Metals in Agricultural Soils and Plant (<i>Vernonia amygdalina</i> Delile) in Port Harcourt Metropolis, Nigeria. 2022 , 12, 27	2
180	Anatomical Variations in Leaves of <i>Pisum sativum</i> Grown with Wastewater of Different Industries. 2021 , 9, 114-118	
179	Realizing United Nations Sustainable Development Goals for Greener Remediation of Heavy Metals-Contaminated Soils by Biochar: Emerging Trends and Future Directions. 2021 , 13, 13825	2
178	Building Cocoa Traceability System Based on Web Application and QR Code. 2021 , 10,	
177	Assessment of Non-Conventional Irrigation Water in Greenhouse Cucumber (<i>Cucumis sativus</i>) Production. 2022 , 14, 257	0
176	An Insight into the Abiotic Stress Responses of Cultivated Beets (<i>L.</i>).. 2021 , 11,	2
175	Changes in the concentrations of selected toxic and essential elements in ewe milk from area with a potentially undisturbed environment. 2021 , 13, 28-34	
174	Heavy Metals and Microbes Accumulation in Soil and Food Crops Irrigated with Wastewater and the Potential Human Health Risk: A Metadata Analysis. 2021 , 13, 3405	3
173	Phytoremediation efficiencies of <i>Brassica napus</i> and <i>Chenopodium quinoa</i> in experimental soils contaminated with Pb using chelator complexes.	
172	Efficacy of Various Amendments for the Phytomanagement of Heavy Metal Contaminated Sites and Sustainable Agriculture. A Review. 2022 , 239-272	0
171	Appraisal of probabilistic levels of toxic metals and health risk in cultivated and marketed vegetables in urban and peri-urban areas of Delhi, India.. 2022 , 103863	1
170	Short-Term Assessment of Heavy Metals in Surface Water from Xiaohe River Irrigation Area, China: Levels, Sources and Distribution. 2022 , 14, 1273	
169	Organic acids in conjunction with various oilseed sunflower cultivars promote Cd phytoextraction through regulating micro-environment in root zone. 2022 , 183, 114932	1
168	Data_Sheet_1.DOCX. 2018 ,	
167	Remediation of Heavy Metal Pollutants of Industrial Effluents and Environmental Impacts. 2022 , 165-180	

166	Fundamentals of layered double hydroxides and environmental applications. 2022 , 301-323	0
165	Impact of treated sewage effluent on soil fertility, salinization, and heavy metal content. 81,	
164	Are Fresh Water and Reclaimed Water Safe for Vegetable Irrigation? Empirical Evidence from Lebanon. 2022 , 14, 1437	1
163	Highly stable cellulose nanofiber/polyacrylamide aerogel via in-situ physical/chemical double crosslinking for highly efficient Cu(II) ions removal.. 2022 ,	4
162	Decoupling the mechanical role of pore liquids in soils to liquid viscous effect and solid-liquid adhesion effect. 1	
161	A Comparative Analysis of Heavy Metal Effects on Medicinal Plants.. 2022 , 1	0
160	Analysis of the Characteristics of Heavy Metal Elements in Soil Around the Smelting Area of Pasuruan Industrial Estate, Indonesia. 2022 , 1013, 012013	1
159	Heavy metal pollution through hand loom-dyeing effluents and its effect on the community health.. 2022 ,	0
158	Barley Straw Biochar and Compost Affect Heavy Metal Transport in Soil and Uptake by Potatoes Grown under Wastewater Irrigation. 2022 , 14, 5665	0
157	Microplastics in drinking water: a macro issue.	1
156	The mechanistic investigation of geochemical fractionation, bioavailability and release kinetic of heavy metals in contaminated soil of a typical copper-smelter.. <i>Environmental Pollution</i> , 2022 , 306, 119391 ³	1
155	A comprehensive assessment of <i>Yarrowia lipolytica</i> and its interactions with metals: Current updates and future prospective.. 2022 , 107967	1
154	Concentrations of Lead in Groundwater and Human Blood in the Population of Palosai, a Rural Area in Pakistan: Human Exposure and Risk Assessment. 2022 , 2022, 1-12	0
153	Geochemical Modeling Source Provenance, Public Health Exposure, and Evaluating Potentially Harmful Elements in Groundwater: Statistical and Human Health Risk Assessment (HHRA). 2022 , 19, 6472	2
152	Remediation of Cu and As contaminated water and soil utilizing biochar supported layered double hydroxide: Mechanisms and soil environment altering. 2022 ,	0
151	Deposition of trace metals associated with atmospheric particulate matter: Environmental fate and health risk assessment. 2022 , 135051	0
150	Cadmium-induced splenic lymphocytes anoikis is not mitigated by activating Nrf2-mediated antioxidative defense response. 2022 , 111882	0
149	The concentration of potentially toxic elements (PTEs) in apple fruit: a global systematic review, meta-analysis, and health risk assessment.	1

- 148 Good Handling Practice Study to Reduce The Level of Contamination in Cocoa Beans in East Luwu. **2022**, 1024, 012067 0
- 147 Role of methylo trophic bacteria in managing abiotic stress for enhancing agricultural production: A review. **2022**, 1
- 146 Optimizing the downstream MVA pathway using a combination optimization strategy to increase lycopene yield in *Escherichia coli*. **2022**, 21, 0
- 145 Integration of Micro-Nano-Engineered Hydroxyapatite/Biochars with Optimized Sorption for Heavy Metals and Pharmaceuticals. **2022**, 12, 1988 0
- 144 To what extent can soil moisture and soil Cu contamination stresses affect nitrous species emissions? Estimation through calibration of a nitrification-denitrification model. **2022**, 19, 2953-2968
- 143 Physicochemical, bacteriological and water quality index assessment of hand dug well (HDW) water suitability for drinking. 1-22
- 142 Safety assessment and sustainability of consuming eggplant (*Solanum melongena* L.) grown in wastewater-contaminated agricultural soils. **2022**, 12, 0
- 141 Evaluating the Potential Health Risks of Selected Heavy Metals across Four Wastewater Treatment Water Works in Durban, South Africa. **2022**, 10, 340 2
- 140 Biogeoaccumulation of zinc in hybrid rice (*Oryza sativa* L.) in an Inceptisol amended with soil zinc application and its bioavailability to human being. **2022**, 11, 184-197 0
- 139 Toxic metals in rice-fish co-culture systems and human health. **2022**, 241, 113797 0
- 138 Spatial variability and risk assessment of metals in groundwater of district Kamber-Shahdadkot, Sindh, Pakistan. **2022**, 18, 100784 1
- 137 Transcriptome analysis reveals candidate genes involved in multiple heavy metal tolerance in hyperaccumulator *Sedum alfredii*. **2022**, 241, 113795 0
- 136 Assessment of lead toxicity in diverse irrigation regimes and potential health implications of agriculturally grown crops in Pakistan. **2022**, 271, 107743 1
- 135 Varietal differences influence arsenic and lead contamination of rice grown in mining impacted agricultural fields of Zamfara State, Nigeria. **2022**, 305, 135339 0
- 134 Heavy metal accumulation potential of aquatic fungi. **2022**, 193-208 0
- 133 Potential chemical hazards associated with meat. **2022**,
- 132 A multi-pronged approach to source attribution and apportionment of heavy metals in urban rivers.
- 131 Arsenic Speciation in Rice, Mechanisms and Associated Health Risk Through Rice Consumption in Various Districts of Khyber Pakhtunkhwa, Pakistan. 0

130	Contamination of potable water supply sources in the lead/zinc mining communities of Mkpuma Akpatakpa, Southeastern Nigeria.	0
129	Accumulation of As and Pb in vegetables grown in agricultural soils polluted by historical mining in Zacatecas, Mexico. 2022 , 81,	0
128	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.	
127	Fe(III)Chitosan Microbeads for Adsorptive Removal of Cr(VI) and Phosphate Ions. 2022 , 12, 874	1
126	Health risk associated with heavy metal contamination of vegetables grown in agricultural soil of Siran valley, Mansehra, Pakistan case study. 2022 , 194,	1
125	Groundwater quality evaluation using water quality index (WQI) and human health risk (HHR) assessment in Herat aquifer, west Afghanistan. 1-23	0
124	Human health impact due to arsenic contaminated rice and vegetables consumption in naturally arsenic endemic regions. <i>Environmental Pollution</i> , 2022 , 308, 119712	9.3
123	Hazard of selenium metal contamination in vegetables grown in municipal solid waste amended soil: Assessment of the potential sources and systemic health effects. 2022 , 271, 107768	1
122	Phytoremediation of heavy metal contaminated soil in association with arbuscular mycorrhizal fungi. 2022 , 207-230	
121	Heavy Metal Pollution and Health Risk Assessment of VegetableBoil Systems of Facilities Irrigated with Wastewater in Northern China. 2022 , 19, 9835	0
120	Exploring the Potential Enhancing Effects of Trans-Zeatin and Silymarin on the Productivity and Antioxidant Defense Capacity of Cadmium-Stressed Wheat. 2022 , 11, 1173	0
119	Assessment of heavy metals in contaminated soils of urban parks in Tehran, Iran.	
118	Potentially Toxic Metal Accumulation in Spinach (<i>Spinacia oleracea</i> L.) Irrigated with Industrial Wastewater and Health Risk Assessment from Consumption.	0
117	The utilization of biochar alone and in combination with compost for removal of potentially toxic metals accumulated in soils associated with land-use patterns.	
116	Assessment of health risks associated with the consumption of wastewater-irrigated vegetables in urban areas.	0
115	Assessment of Heavy Metal Uptake in Potatoes Cultivated in a Typical Karst Landform, Weining County, China. 2022 , 11, 2379	
114	Elimination of Lead by Biosorption on Parthenium Stem Powder Using Box-Behnken Design. 2022 ,	
113	Arsenic accumulation in rice: Alternative irrigation regimes produce rice safe from arsenic contamination. 2022 , 310, 119829	1

- 112 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. **2022**, 18, 100731
- 111 Soil heterogeneity influence on the distribution of heavy metals in soil during acid rain infiltration: Experimental and numerical modeling. **2022**, 322, 116144 ○
- 110 Low-temperature aerobic carbonization and activation of cellulosic materials for Pb²⁺ removal in water source. **2022**, 314, 120215 ○
- 109 Levels of selected trace metals in enset (*Ensete ventricosum* (Welw.), Cheesman) (Unprocessed and processed) and soil of siltie zone, Southern Ethiopia.. **2023**, 115, 104905 ○
- 108 The use of acrylic yarn modified with amidoxime and carboxylate-containing polymer for lead removal from drinking water. **2022**, 12, 27473-27482 ○
- 107 Soil Bacteria and Nematodes for Bioremediation and Amelioration of Polluted Soil. **2022**, 57-79 ○
- 106 Contamination and impacts of metals and metalloids on agro-environment. **2022**, 111-130 ○
- 105 Heavy metals and metalloids in soil and vegetable crops. **2022**, 395-416 ○
- 104 Long-term challenges, the characteristics and behavior of various hazardous material and trace elements in soil. **2022**, 15-32 ○
- 103 Bioremediation Approaches for Curbing the Potential of Toxic Element for Sustainable Agriculture. **2022**, 697-725 ○
- 102 Strategies for Heavy Metals Remediation from Contaminated Soils and Future Perspectives. **2022**, 615-644 1
- 101 Metals and metalloids stress in plants: microorganisms and phytoremediation based mitigation strategies. **2022**, 445-484 ○
- 100 River Pollution by Heavy Metals and Associated Impacts on the Adjacent Community, the Case of Holeta and Golli Rivers, Holeta Town, Ethiopia. **2022**, 2022, 1-11 ○
- 99 Low presence of potentially toxic elements in Singapore urban garden soils. **2022**, 3, ○
- 98 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
- 97 Assessment of the historical evolution of the total and labile Pb, Zn, and Cd fractions and their environmental risks of the Jbel Ressay tailings and agricultural soil (NE Tunisia). **2022**, 81, ○
- 96 Influences of water and sediment quality on benthic macroinvertebrates in a river with different land use types. **2022**, 233, ○
- 95 Heavy Metal Levels in Milk and Serum of Dairy Cows from Different Farms Located near an Industrial Area. **2022**, 12, 2574 ○

94	Evaluation of Heavy Metals in Soil Wastewater Stream. 2022 , 2022, 1-11	0
93	Effects of Lead, Copper and Cadmium on Bioaccumulation and Translocation Factors and Biosynthesis of Photosynthetic Pigments in <i>Vicia faba</i> L. (Broad Beans) at Different Stages of Growth. 2022 , 12, 8941	1
92	Toxic Metals and Metalloids in Hassawi Brown Rice: Fate during Cooking and Associated Health Risks. 2022 , 19, 12125	1
91	Source, Distribution, and Risk Estimation of Hazardous Elements in Farmland Soils in a Typical Alluvial Lacustrine Transition Basin, Hunan Province. 2022 , 19, 10971	0
90	Ecological risk assessment and human health risk exposure of heavy metal pollution in the soil around an open landfill site in a developing country (Khesht, Iran). 2022 , 15,	1
89	Preliminary assessment of heavy metals intake via food in CKDu affected Uddanam region of Srikakulam, Andhra Pradesh, India. 1-9	0
88	Ecological Impact and Human Health Risk Assessment of Pumpkin and Spinach Cultivated around Non- mining Axes of Asu River Group.	0
87	The spatial distribution and source apportionment of heavy metals in soil of Shizuishan, China.	0
86	Seasonal assessment of water quality and water quality index (WQI) variations, in Jiangsu Kunshan Tianfu National Wetland Park, China. 1-20	0
85	Uptake of Heavy Metal in Wheat from application of different Phosphorus Fertilizers. 2022 , 104958	1
84	Effects of heat and moisture transfer on the transient dynamic of solute transport in unsaturated soil under isothermal and thermal conditions.	0
83	Bioremediation of Heavy Metals by Rhizobacteria.	0
82	Phytoextraction of anthropogenic heavy metal contamination of the Blesbokspruit wetland: Potential of wetland macrophytes. 2022 , 104101	0
81	Assessment of heavy metal accumulation and health risks in okra (<i>Abelmoschus Esculentus</i> L.) and spinach (<i>Spinacia Oleracea</i> L.) fertigated with wastewater. 2022 , 9,	0
80	Meta-analysis of public health risks of lead accumulation in wastewater, irrigated soil, and crops nexus. 10,	0
79	The ignored risk: heavy metal pollution of medicine and food homologous substances.	0
78	How Does Salicylic Acid Regulate Mineral Nutrition in Plants Under Abiotic Stress? An Update. 2022 , 66-85	0
77	Molecular Mechanisms Underlying Flax (<i>Linum usitatissimum</i> L.) Tolerance to Cadmium: A Case Study of Proteome and Metabolome of Four Different Flax Genotypes. 2022 , 11, 2931	3

- 76 Microplastics: A potential threat to groundwater resources. **2022**, 19, 100852 ○
- 75 Migration, accumulation and risk assessment of potentially toxic elements in soil-plant (shrub and herbage) systems at typical polymetallic mines in Northwest China. ○
- 74 Characterization and health risk assessment of arsenic in natural waters of the Indus River Basin, Pakistan. **2023**, 857, 159408 1
- 73 Detection of groundwater level and heavy metal contamination: A case study of Olubunku dumpsite and environs, Ede North, Southwestern Nigeria. **2023**, 197, 104740 ○
- 72 Assessment of microplastics pollution in aquatic species (fish, crab, and snail), water, and sediment from the Buriganga River, Bangladesh: An ecological risk appraisals. **2023**, 857, 159344 1
- 71 Pressmud overcome lead toxicity by improving spinach biomass in lead-contaminated soils. **2023**, 195, ○
- 70 Red Mud-Amended Soil as Highly Adsorptive Hybrid-Fill Materials for Controlling Heavy Metal Sewage Seepage in Industrial Zone. **2022**, 19, 15043 ○
- 69 Effects of clinoptilolite on heavy metal levels in milk, proinflammatory cytokine responses (IL-1 β and IL-6) and oxidative stress in dairy cows. **2022**, ○
- 68 Integrative Metallomics Studies of Toxic Metal(loid) Substances at the Blood Plasma/Red Blood Cell/Organ/Tumor Nexus. **2022**, 10, 200 1
- 67 Assessment of metal(loid)s pollution in water and sediment from an urban river in Bangladesh: An ecological and health risk appraisals. **2022**, 100272 ○
- 66 Tracing and quantifying the source of heavy metals in agricultural soils in a coal gangue stacking area: Insights from isotope fingerprints and receptor models. **2023**, 863, 160882 ○
- 65 Risk assessment, spatial distribution, and source identification of heavy metals in surface soils in Zhijin County, Guizhou Province, China. **2023**, 195, ○
- 64 Effect of Rice Straw- and Bamboo-Derived Biochar on Pollution Controlling and Health Risks of Heavy Metals in a Rice-Rape-Corn Rotation Area of Eastern China. **2022**, 233, ○
- 63 Spatial Distribution, Source Analysis and Health Risk Study of Heavy Metals in the Liujiang River Basin in Different Seasons. **2022**, 19, 15435 ○
- 62 Predictive and estimation model of Cd, Ni, and Zn bioaccumulations in maize based on diffusive gradients in thin films. **2022**, 160523 ○
- 61 Unlocking the genetic control of spring wheat kernel traits under normal and heavy metals stress conditions. ○
- 60 Chemical Fractionations of Lead and Zinc in the Contaminated Soil Amended with the Blended Biochar/Apatite. **2022**, 27, 8044 1
- 59 Geochemical Characteristics of Soils to the Impact of Diamond Mining in Siberia (Russia). **2022**, 12, 1518 1

58	Characterization of the Toxicological Impact of Heavy Metals on Human Health in Conjunction with Modern Analytical Methods. 2022 , 10, 716	1
57	The lead and cadmium content in rice and risk to human health in China: A systematic review and meta-analysis. 2022 , 17, e0278686	0
56	Risk assessment for heavy metals in community gardens of the city of Teresina, Brazil. 2022 , 263-270	0
55	Perspective Chapter: Rapid Measurement of Potentially Toxic Elements (PTEs) in Petroleum Hydrocarbons Polluted Soils by X-Ray Fluorescence (XRF) Spectroscopy.	0
54	Can Pressmud Improve Nickel Availability in Lead Contaminated Soils ?.	0
53	Growth, Biomass and Nickel Accumulation Assessments of <i>Amaranthus hybridus</i> and <i>Celosia argentea</i> grown in Nickel Contaminated Soil. 4438-4448	0
52	Heavy metal levels in the soil near typical coal-fired power plants: partition source apportionment and associated health risks based on PMF and HHRA. 2023 , 195,	0
51	The impact of water quality on GDP growth: Evidence from around the world. 2022 , 17, 100130	0
50	Analysis of the concentration of heavy metals in soil, vegetables and water around the bole Lemi industry park, Ethiopia. 2022 , 8, e12429	1
49	Geotechnical properties and microstructure of clay contaminated with urban wastewater and remediated with γ -Aluminum oxide/ γ -Iron oxide nanohybrid. 1-31	0
48	Bioderived and Bioconjugated Materials for Remediation of Heavy Metals and Dyes from Wastewater. 2022 , 114-139	0
47	Arsenic elevated groundwater irrigation: Farmers' perception on rice and vegetables contamination in a naturally arsenic endemic area.	0
46	Manganese Neurotoxicity. 2022 , 2305-2329	0
45	<i>Penicillium</i> spp. XK10, Fungi with Potential to Repair Cadmium and Antimony Pollution. 2023 , 13, 1228	0
44	Application of activated carbon obtained from waste vine shoots for removal of toxic level Cu(II) and Pb(II) in simulated stomach medium.	0
43	Effect of Metal Atom in Zeolitic Imidazolate Frameworks (ZIF-8 & 67) for Removal of Dyes and Antibiotics from Wastewater: A Review. 2023 , 13, 155	3
42	RESEARCH ON THE HEAVY METAL CONTENT IN ONION BULBS CORRELATED WITH SOIL FROM PRIVATE HOUSEHOLDS LOCATED IN THE COPĂ MICĂ AREA, CENTRAL ROMANIA. 2023 , 55, 92-99	2
41	Epidemiological evidence for the effect of environmental heavy metal exposure on the immune system in children. 2023 , 161691	0

- 40 Heavy metal contamination in soil and groundwater around industrial areas of Kollam District, Kerala, India. **2023**, 195, ○
- 39 Distribution, speciation, bioavailability, risk assessment, and limit standards of heavy metals in Chinese herbal medicines. **2023**, 6, 100218 ○
- 38 Ultrasound-assisted synthesis of Polypyrrole/TiO₂ nanocomposite for Cu(II) ions removal from aqueous solution. **2023**, 293, 117253 ○
- 37 Groundwater quality index and potential human health risk assessment of heavy metals in water: A case study of Calabar metropolis, Nigeria. **2023**, 19, 100780 ○
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- 26 Migration, accumulation, and risk assessment of potentially toxic elements in soil-plant (shrub and herbage) systems at typical polymetallic mines in Northwest China. **2023**, 30, 46092-46106 ○
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