Lena Q

List of Publications by Year
in descending order

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325 papers	27,951 citations	7568 77 h-index	7517 151 g-index
328 all docs	328 docs citations	328 times ranked	18678 citing authors

#	Article	IF	Citations
1	Application of diffusive gradients in thin-films technique for speciation, bioavailability, modeling and mapping of nutrients and contaminants in soils. Critical Reviews in Environmental Science and Technology, 2022, 52, 3035-3079.	12.8	27
2	Cadmium oral bioavailability is affected by calcium and phytate contents in food: Evidence from leafy vegetables in mice. Journal of Hazardous Materials, 2022, 424, 127373.	12.4	8
3	Novel phytase PvPHY1 from the As-hyperaccumulator Pteris vittata enhances P uptake and phytate hydrolysis, and inhibits As translocation in Plant. Journal of Hazardous Materials, 2022, 423, 127106.	12.4	8
4	Geographical distribution of As-hyperaccumulator Pteris vittata in China: Environmental factors and climate changes. Science of the Total Environment, 2022, 803, 149864.	8.0	28
5	Nanotoxicological effects and transcriptome mechanisms of wheat (Triticum aestivum L.) under stress of polystyrene nanoplastics. Journal of Hazardous Materials, 2022, 423, 127241.	12.4	69
6	Selenate increased plant growth and arsenic uptake in As-hyperaccumulator Pteris vittata via glutathione-enhanced arsenic reduction and translocation. Journal of Hazardous Materials, 2022, 424, 127581.	12.4	19
7	Coupling in vitro assays with sequential extraction to investigate cadmium bioaccessibility in contaminated soils. Chemosphere, 2022, 288, 132655.	8.2	12
8	Amine- and thiol-bifunctionalized mesoporous silica material for immobilization of Pb and Cd: Characterization, efficiency, and mechanism. Chemosphere, 2022, 291, 132771.	8.2	16
9	Arsenic and selenium in the plant-soil-human ecosystem: CREST publications during 2018â€“2021. Critical Reviews in Environmental Science and Technology, 2022, 52, 3567-3572.	12.8	6
10	Prenatal and postnatal exposure to emerging and legacy per-/polyfluoroalkyl substances: Levels and transfer in maternal serum, cord serum, and breast milk. Science of the Total Environment, 2022, 812, 152446.	8.0	52
11	Effects of soil-extractable metals Cd and Ni from an e-waste dismantling site on human colonic epithelial cells Caco-2: Mechanisms and implications. Chemosphere, 2022, 292, 133361.	8.2	9
12	Pollution characteristics and source analysis of microplastics in the Qiantang River in southeastern China. Chemosphere, 2022, 293, 133576.	8.2	63
13	Nrf2/Keap1 pathway in countering arsenic-induced oxidative stress in mice after chronic exposure at environmentally-relevant concentrations. Chemosphere, 2022, 303, 135256.	8.2	11
14	Enhancing Phytate Availability in Soils and Phytate-P Acquisition by Plants: A Review. Environmental Science & Technology, 2022, 56, 9196-9219.	10.0	36
15	Progresses and emerging trends of arsenic research in the past 120 years. Critical Reviews in Environmental Science and Technology, 2021, 51, 1306-1353.	12.8	37
16	Impacts of metallic nanoparticles and transformed products on soil health. Critical Reviews in Environmental Science and Technology, 2021, 51, 973-1002.	12.8	26
17	Sequential fractionation and plant uptake of As, Cu, and Zn in a contaminated riparian wetland. Environmental Pollution, 2021, 268, 115734.	7.5	9
18	Methyl jasmonate mitigates high selenium damage of rice via altering antioxidant capacity, selenium transportation and gene expression. Science of the Total Environment, 2021, 756, 143848.	8.0	13

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19	Mechanisms of Cd and Cu induced toxicity in human gastric epithelial cells: Oxidative stress, cell cycle arrest and apoptosis. Science of the Total Environment, 2021, 756, 143951.	8.0	58
20	Expressing Phosphate Transporter PvPht2;1 Enhances P Transport to the Chloroplasts and Increases Arsenic Tolerance in Arabidopsis thaliana. Environmental Science & Technology, 2021, 55, 2276-2284.	10.0	13
21	Long-Term Manure Application Changes Bacterial Communities in Rice Rhizosphere and Arsenic Speciation in Rice Grains. Environmental Science & Technology, 2021, 55, 1555-1565.	10.0	54
22	Attapulgite and processed oyster shell powder effectively reduce cadmium accumulation in grains of rice growing in a contaminated acidic paddy field. Ecotoxicology and Environmental Safety, 2021, 209, 111840.	6.0	21
23	Key soil parameters affecting the survival of Panax notoginseng under continuous cropping. Scientific Reports, 2021, 11, 5656.	3.3	7
24	Warming facilitates microbial reduction and release of arsenic in flooded paddy soil and arsenic accumulation in rice grains. Journal of Hazardous Materials, 2021, 408, 124913.	12.4	22
25	New measures in 2021 to increase the quality and reputation of the Critical Review in Environmental Science and Technology (CREST) journal. Critical Reviews in Environmental Science and Technology, 2021, 51, 1303-1305.	12.8	3
26	An interlaboratory evaluation of the variability in arsenic and lead relative bioavailability when assessed using a mouse bioassay. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2021, 84, 593-607.	2.3	6
27	Increase in arsenic methylation and volatilization during manure composting with biochar amendment in an aeration bioreactor. Journal of Hazardous Materials, 2021, 411, 125123.	12.4	11
28	Antibiotic exposure decreases soil arsenic oral bioavailability in mice by disrupting ileal microbiota and metabolic profile. Environment International, 2021, 151, 106444.	10.0	26
29	Arsenic bioaccessibility in rice grains via modified physiologically-based extraction test (MPBET): Correlation with mineral elements and comparison with As relative bioavailability. Environmental Research, 2021, 198, 111198.	7.5	14
30	Enhancing phytoremediation of hazardous metal(loid)s using genome engineering CRISPRâ€“Cas9 technology. Journal of Hazardous Materials, 2021, 414, 125493.	12.4	74
31	Novel PvACR3;2 and PvACR3;3 genes from arsenic-hyperaccumulator Pteris vittata and their roles in manipulating plant arsenic accumulation. Journal of Hazardous Materials, 2021, 415, 125647.	12.4	25
32	Total and bioaccessible heavy metals in cabbage from major producing cities in Southwest China: health risk assessment and cytotoxicity. RSC Advances, 2021, 11, 12306-12314.	3.6	21
33	Organoarsenical compounds: Occurrence, toxicology and biotransformation. Critical Reviews in Environmental Science and Technology, 2020, 50, 217-243.	12.8	39
34	Aquaporins mediated arsenite transport in plants: Molecular mechanisms and applications in crop improvement. Critical Reviews in Environmental Science and Technology, 2020, 50, 1613-1639.	12.8	28
35	Novel in situ method based on diffusive gradients in thin-films with lanthanum oxide nanoparticles for measuring As, Sb, and V and in waters. Journal of Hazardous Materials, 2020, 383, 121196.	12.4	14
36	Arsanilic acid contributes more to total arsenic than roxarsone in chicken meat from Chinese markets. Journal of Hazardous Materials, 2020, 383, 121178.	12.4	28

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37	Arsenic, lead, and cadmium bioaccessibility in contaminated soils: Measurements and validations. Critical Reviews in Environmental Science and Technology, 2020, 50, 1303-1338.	12.8	82
38	Expression of New Pteris vittata Phosphate Transporter PvPht1;4 Reduces Arsenic Translocation from the Roots to Shoots in Tobacco Plants. Environmental Science & Technology, 2020, 54, 1045-1053.	10.0	46
39	Comparison of in vitro models in a mice model and investigation of the changes in Pb speciation during Pb bioavailability assessments. Journal of Hazardous Materials, 2020, 388, 121744.	12.4	13
40	Arsenic accumulation and distribution in Pteris vittata fronds of different maturity: Impacts of soil As concentrations. Science of the Total Environment, 2020, 715, 135298.	8.0	19
41	Response to comment on â€œclosely-related species of hyperaccumulating plants and their ability in accumulation of As, Cd, Cu, Mn, Ni, Pb and Znâ€• Chemosphere, 2020, 260, 128037.	8.2	1
42	Organophosphorus flame retardant TDCPP-induced cytotoxicity and associated mechanisms in normal human skin keratinocytes. Science of the Total Environment, 2020, 726, 138526.	8.0	14
43	Efficient arsenate reduction in As-hyperaccumulator Pteris vittata are mediated by novel arsenate reductases PvHAC1 and PvHAC2. Journal of Hazardous Materials, 2020, 399, 122895.	12.4	26
44	Background concentrations of trace metals As, Ba, Cd, Co, Cu, Ni, Pb, Se, and Zn in 214 Florida urban soils: Different cities and land uses. Environmental Pollution, 2020, 264, 114737.	7.5	54
45	Lead bioavailability in different fractions of mining- and smelting-contaminated soils based on a sequential extraction and mouse kidney model. Environmental Pollution, 2020, 262, 114253.	7.5	18
46	Using rice as a remediating plant to deplete bioavailable arsenic from paddy soils. Environment International, 2020, 141, 105799.	10.0	26
47	Polycyclic aromatic hydrocarbons in processed yard trash. Waste Management and Research, 2020, 38, 825-830.	3.9	5
48	Geogenic nickel exposure from food consumption and soil ingestion: A bioavailability based assessment. Environmental Pollution, 2020, 265, 114873.	7.5	11
49	The Influence of Food on the In Vivo Bioavailability of DDT and Its Metabolites in Soil. Environmental Science & Technology, 2020, 54, 5003-5010.	10.0	20
50	Policy adjustment impacts Cd, Cu, Ni, Pb and Zn contamination in soils around e-waste area: Concentrations, sources and health risks. Science of the Total Environment, 2020, 741, 140442.	8.0	40
51	Closely-related species of hyperaccumulating plants and their ability in accumulation of As, Cd, Cu, Mn, Ni, Pb and Zn. Chemosphere, 2020, 251, 126334.	8.2	24
52	Linking elevated blood lead level in urban school-aged children with bioaccessible lead in neighborhood soil. Environmental Pollution, 2020, 261, 114093.	7.5	25
53	Effects of Food Constituents on Absorption and Bioaccessibility of Dietary Synthetic Phenolic Antioxidant by Caco-2 Cells. Journal of Agricultural and Food Chemistry, 2020, 68, 4670-4677.	5.2	10
54	Pteris vittata coupled with phosphate rock effectively reduced As and Cd uptake by water spinach from contaminated soil. Chemosphere, 2020, 247, 125916.	8.2	13

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55	Localized Intensification of Arsenic Release within the Emergent Rice Rhizosphere. Environmental Science & Technology, 2020, 54, 3138-3147.	10.0	34
56	Comparing CaCl2, EDTA and DGT methods to predict Cd and Ni accumulation in rice grains from contaminated soils. Environmental Pollution, 2020, 260, 114042.	7.5	46
57	Organic extract of indoor dust induces estrogen-like effects in human breast cancer cells. Science of the Total Environment, 2020, 726, 138505.	8.0	10
58	Effects of novel brominated flame retardants and metabolites on cytotoxicity in human umbilical vein endothelial cells. Chemosphere, 2020, 253, 126653.	8.2	7
59	Organic adsorbents modified with citric acid and Fe3O4 enhance the removal of Cd and Pb in contaminated solutions. Chemical Engineering Journal, 2020, 395, 125108.	12.7	65
60	Chemical compositions and source apportionment of PM2.5 during clear and hazy days: Seasonal changes and impacts of Youth Olympic Games. Chemosphere, 2020, 256, 127163.	8.2	20
61	Eugenol protects cells against oxidative stress via Nrf2. Experimental and Therapeutic Medicine, 2020, 21, 107.	1.8	17
62	Heterologous Expression of Pteris vittata Phosphate Transporter PvPht1;3 Enhances Arsenic Translocation to and Accumulation in Tobacco Shoots. Environmental Science & Technology, 2019, 53, 10636-10644.	10.0	45
63	Expressing Arsenite Antiporter PvACR3;1 in Rice (Oryza sativa L.) Decreases Inorganic Arsenic Content in Rice Grains. Environmental Science & Technology, 2019, 53, 10062-10069.	10.0	42
64	Arsenic-resistance mechanisms in bacterium Leclercia adecarboxylata strain As3-1: Biochemical and genomic analyses. Science of the Total Environment, 2019, 690, 1178-1189.	8.0	23
65	Oral Bioavailability of As, Pb, and Cd in Contaminated Soils, Dust, and Foods based on Animal Bioassays: A Review. Environmental Science & Technology, 2019, 53, 10545-10559.	10.0	67
66	Development and Application of the Diffusive Gradients in Thin-Films Technique for Measuring Psychiatric Pharmaceuticals in Natural Waters. Environmental Science & Technology, 2019, 53, 11223-11231.	10.0	23
67	Metal tolerance of arsenic-resistant bacteria and their ability to promote plant growth of Pteris vittata in Pb-contaminated soil. Science of the Total Environment, 2019, 660, 18-24.	8.0	54
68	Emerging and legacy PAHs in urban soils of four small cities: Concentrations, distribution, and sources. Science of the Total Environment, 2019, 685, 463-470.	8.0	38
69	As, Cd, and Pb relative bioavailability in contaminated soils: Coupling mouse bioassay with UBM assay. Environment International, 2019, 130, 104875.	10.0	24
70	Investigating Lead Species and Bioavailability in Contaminated Soils: Coupling DGT Technique with Artificial Gastrointestinal Extraction and in Vivo Bioassay. Environmental Science & Technology, 2019, 53, 5717-5724.	10.0	19
71	Contribution of Asphalt Products to Total and Bioaccessible Polycyclic Aromatic Hydrocarbons. International Journal of Environmental Research, 2019, 13, 499-509.	2.3	16
72	Emerging PAHs in urban soils: Concentrations, bioaccessibility, and spatial distribution. Science of the Total Environment, 2019, 670, 800-805.	8.0	36

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73	Anaerobic digestion to reduce biomass and remove arsenic from As-hyperaccumulator Pteris vittata. Environmental Pollution, 2019, 250, 23-28.	7.5	22
74	Arsenic removal and biomass reduction of As-hyperaccumulator Pteris vittata: Coupling ethanol extraction with anaerobic digestion. Science of the Total Environment, 2019, 666, 205-211.	8.0	18
75	Interactive effects of As, Cd and Zn on their uptake and oxidative stress in As-hyperaccumulator Pteris vittata. Environmental Pollution, 2019, 248, 756-762.	7.5	27
76	Antagonistic Interactions between Arsenic, Lead, and Cadmium in the Mouse Gastrointestinal Tract and Their Influences on Metal Relative Bioavailability in Contaminated Soils. Environmental Science & Technology, 2019, 53, 14264-14272.	10.0	18
77	PAHs in urban soils of two Florida cities: Background concentrations, distribution, and sources. Chemosphere, 2019, 214, 220-227.	8.2	79
78	Inhalation bioaccessibility of PAHs in PM2.5: Implications for risk assessment and toxicity prediction. Science of the Total Environment, 2019, 650, 56-64.	8.0	58
79	In Situ Measurement of Thallium in Natural Waters by a Technique Based on Diffusive Gradients in Thin Films Containing a Î´-MnO₂ Gel Layer. Analytical Chemistry, 2019, 91, 1344-1352.	6.5	13
80	Synthetic phenolic antioxidants and their major metabolites in human fingernail. Environmental Research, 2019, 169, 308-314.	7.5	43
81	An interventional study of rice for reducing cadmium exposure in a Chinese industrial town. Environment International, 2019, 122, 301-309.	10.0	22
82	Spatial and temporal changes of P and Ca distribution and fractionation in soil and sediment in a karst farmland-wetland system. Chemosphere, 2019, 220, 644-650.	8.2	41
83	Efficient arsenate reduction by As-resistant bacterium Bacillus sp. strain PVR-YHB1-1: Characterization and genome analysis. Chemosphere, 2019, 218, 1061-1070.	8.2	32
84	Arsenic Concentrations, Speciation, and Localization in 141 Cultivated Market Mushrooms: Implications for Arsenic Exposure to Humans. Environmental Science & Technology, 2019, 53, 503-511.	10.0	30
85	Arsenic relative bioavailability in contaminated soils: comparison of animal models, dosing schemes, and biological endpoints. , 2019, , 171-172.		1
86	Metal contamination in a riparian wetland: Distribution, fractionation and plant uptake. Chemosphere, 2018, 200, 587-593.	8.2	23
87	Speciation, bioaccessibility and potential risk of chromium in Amazon forest soils. Environmental Pollution, 2018, 239, 384-391.	7.5	50
88	Interactions of Gaseous 2-Chlorophenol with Fe3+-Saturated Montmorillonite and Their Toxicity to Human Lung Cells. Environmental Science & Technology, 2018, 52, 5208-5217.	10.0	22
89	Arsenic-induced nutrient uptake in As-hyperaccumulator Pteris vittata and their potential role to enhance plant growth. Chemosphere, 2018, 198, 425-431.	8.2	30
90	Straw enhanced CO2 and CH4 but decreased N2O emissions from flooded paddy soils: Changes in microbial community compositions. Atmospheric Environment, 2018, 174, 171-179.	4.1	65

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91	Cellular responses of normal (HL-7702) and cancerous (HepG2) hepatic cells to dust extract exposure. Chemosphere, 2018, 193, 1189-1197.	8.2	25
92	Determination of 2,6-di-tert-butyl-hydroxytoluene and its transformation products in indoor dust and sediment by gas chromatographyâ€“mass spectrometry coupled with precolumn derivatization. Science of the Total Environment, 2018, 619-620, 552-558.	8.0	38
93	Impact of particle size on distribution and human exposure of flame retardants in indoor dust. Environmental Research, 2018, 162, 166-172.	7.5	54
94	Phosphate Transporter PvPht1;2 Enhances Phosphorus Accumulation and Plant Growth without Impacting Arsenic Uptake in Plants. Environmental Science & Technology, 2018, 52, 3975-3981.	10.0	42
95	Metal concentrations in traditional and herbal teas and their potential risks to human health. Science of the Total Environment, 2018, 633, 649-657.	8.0	82
96	In situ sampling and speciation method for measuring dissolved phosphite at ultratrace concentrations in the natural environment. Water Research, 2018, 137, 281-289.	11.3	22
97	Metal leachability from coal combustion residuals under different pHs and liquid/solid ratios. Journal of Hazardous Materials, 2018, 341, 66-74.	12.4	48
98	Arsenic removal from As-hyperaccumulator Pteris vittata biomass: Coupling extraction with precipitation. Chemosphere, 2018, 193, 288-294.	8.2	23
99	The in vitro and in vivo biocompatibility evaluation of electrospun recombinant spider silk protein/PCL/gelatin for small caliber vascular tissue engineering scaffolds. Colloids and Surfaces B: Biointerfaces, 2018, 163, 19-28.	5.0	58
100	Interactive effects of chromate and arsenate on their uptake and speciation in Pteris ensiformis. Plant and Soil, 2018, 422, 515-526.	3.7	14
101	In Situ Selective Measurement of Se^{IV} in Waters and Soils: Diffusive Gradients in Thin-Films with Bi-Functionalized Silica Nanoparticles. Environmental Science & Technology, 2018, 52, 14140-14148.	10.0	18
102	Field-Scale Heterogeneity and Geochemical Regulation of Arsenic, Iron, Lead, and Sulfur Bioavailability in Paddy Soil. Environmental Science & Technology, 2018, 52, 12098-12107.	10.0	22
103	Source identification of PAHs in soils based on stable carbon isotopic signatures. Critical Reviews in Environmental Science and Technology, 2018, 48, 923-948.	12.8	31
104	Coupling bioavailability and stable isotope ratio to discern dietary and non-dietary contribution of metal exposure to residents in mining-impacted areas. Environment International, 2018, 120, 563-571.	10.0	40
105	Water extract of indoor dust induces tight junction disruption in normal human corneal epithelial cells. Environmental Pollution, 2018, 243, 301-307.	7.5	24
106	Phytate promoted arsenic uptake and growth in arsenic-hyperaccumulator Pteris vittata by upregulating phosphorus transporters. Environmental Pollution, 2018, 241, 240-246.	7.5	24
107	Impact of particle size on distribution, bioaccessibility, and cytotoxicity of polycyclic aromatic hydrocarbons in indoor dust. Journal of Hazardous Materials, 2018, 357, 341-347.	12.4	42
108	Temporal and spatial distribution of Microcystis biomass and genotype in bloom areas of Lake Taihu. Chemosphere, 2018, 209, 730-738.	8.2	20

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109	Metals in paints on chopsticks: Solubilization in simulated saliva, gastric, and food solutions and implication for human health. Environmental Research, 2018, 167, 299-306.	7.5	8
110	Phosphate-Solubilizing Pseudomonads for Improving Crop Plant Nutrition and Agricultural Productivity. , 2018, , 363-372.		4
111	Novel Method for in Situ Monitoring of Organophosphorus Flame Retardants in Waters. Analytical Chemistry, 2018, 90, 10016-10023.	6.5	40
112	Food influence on lead relative bioavailability in contaminated soils: Mechanisms and health implications. Journal of Hazardous Materials, 2018, 358, 427-433.	12.4	23
113	In situ measurement of perfluoroalkyl substances in aquatic systems using diffusive gradients in thin-films technique. Water Research, 2018, 144, 162-171.	11.3	59
114	Human exposure to polycyclic aromatic hydrocarbons: Metabolomics perspective. Environment International, 2018, 119, 466-477.	10.0	164
115	Arsenic removal by As-hyperaccumulator Pteris vittata from two contaminated soils: A 5-year study. Chemosphere, 2018, 206, 736-741.	8.2	47
116	Assessment of trace metals in five most-consumed vegetables in the US: Conventional vs. organic. Environmental Pollution, 2018, 243, 292-300.	7.5	42
117	Arsenic-hyperaccumulator Pteris vittata efficiently solubilized phosphate rock to sustain plant growth and As uptake. Journal of Hazardous Materials, 2017, 330, 68-75.	12.4	59
118	Arsenic uptake by lettuce from As-contaminated soil remediated with Pteris vittata and organic amendment. Chemosphere, 2017, 176, 249-254.	8.2	36
119	Microbial siderophores and root exudates enhanced goethite dissolution and Fe/As uptake by As-hyperaccumulator Pteris vittata. Environmental Pollution, 2017, 223, 230-237.	7.5	48
120	A diffusive gradients in thin-films technique for the assessment of bisphenols desorption from soils. Journal of Hazardous Materials, 2017, 331, 321-328.	12.4	41
121	Phytate induced arsenic uptake and plant growth in arsenic-hyperaccumulator Pteris vittata. Environmental Pollution, 2017, 226, 212-218.	7.5	26
122	Arsenate and fluoride enhanced each otherâ€™s uptake in As-sensitive plant Pteris ensiformis. Chemosphere, 2017, 180, 448-454.	8.2	12
123	Applying Cadmium Relative Bioavailability to Assess Dietary Intake from Rice to Predict Cadmium Urinary Excretion in Nonsmokers. Environmental Science & Technology, 2017, 51, 6756-6764.	10.0	60
124	Mechanisms of efficient As solubilization in soils and As accumulation by As-hyperaccumulator Pteris vittata. Environmental Pollution, 2017, 227, 569-577.	7.5	62
125	Effects of organophosphorus flame retardant TDCPP on normal human corneal epithelial cells: Implications for human health. Environmental Pollution, 2017, 230, 22-30.	7.5	51
126	Bioaccessibility of PAHs in contaminated soils: Comparison of five in vitro methods with Tenax as a sorption sink. Science of the Total Environment, 2017, 601-602, 968-974.	8.0	25

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127	Mechanisms of metal sorption by biochars: Biochar characteristics and modifications. Chemosphere, 2017, 178, 466-478.	8.2	1,180
128	Effects of novel brominated flame retardant TBPH and its metabolite TBMEHP on human vascular endothelial cells: Implication for human health risks. Environmental Research, 2017, 156, 834-842.	7.5	26
129	Arsenic Relative Bioavailability in Rice Using a Mouse Arsenic Urinary Excretion Bioassay and Its Application to Assess Human Health Risk. Environmental Science & Technology, 2017, 51, 4689-4696.	10.0	56
130	Lead relative bioavailability in soils based on different endpoints of a mouse model. Journal of Hazardous Materials, 2017, 326, 94-100.	12.4	23
131	Mineral Dietary Supplement To Decrease Cadmium Relative Bioavailability in Rice Based on a Mouse Bioassay. Environmental Science & Technology, 2017, 51, 12123-12130.	10.0	39
132	Knocking Out OsPT4 Gene Decreases Arsenate Uptake by Rice Plants and Inorganic Arsenic Accumulation in Rice Grains. Environmental Science & Technology, 2017, 51, 12131-12138.	10.0	133
133	Heterologous Expression of Pteris vittata Arsenite Antiporter PvACR3;1 Reduces Arsenic Accumulation in Plant Shoots. Environmental Science & Technology, 2017, 51, 10387-10395.	10.0	70
134	Molecular Mechanisms of Perfluorooctanoate-Induced Hepatocyte Apoptosis in Mice Using Proteomic Techniques. Environmental Science & Technology, 2017, 51, 11380-11389.	10.0	24
135	Fluoride concentrations in traditional and herbal teas: Health risk assessment. Environmental Pollution, 2017, 231, 779-784.	7.5	46
136	Effect of biochar and Fe-biochar on Cd and As mobility and transfer in soil-rice system. Chemosphere, 2017, 186, 928-937.	8.2	194
137	Relative bioavailability and bioaccessibility of PCBs in soils based on a mouse model and Tenax-improved physiologically-based extraction test. Chemosphere, 2017, 186, 709-715.	8.2	22
138	Thyrotoxicity of arsenate and arsenite on juvenile mice at organism, subcellular, and gene levels under low exposure. Chemosphere, 2017, 186, 580-587.	8.2	17
139	Extending the functionality of the slurry ferrihydrite-DGT method: Performance evaluation for the measurement of vanadate, arsenate, antimonate and molybdate in water. Chemosphere, 2017, 184, 812-819.	8.2	18
140	Bacteria from the rhizosphere and tissues of As-hyperaccumulator Pteris vittata and their role in arsenic transformation. Chemosphere, 2017, 186, 599-606.	8.2	19
141	Remediation of Polluted Soil in China: Policy and Technology Bottlenecks. Environmental Science & Technology, 2017, 51, 14027-14029.	10.0	24
142	Effect of phosphate amendment on relative bioavailability and bioaccessibility of lead and arsenic in contaminated soils. Journal of Hazardous Materials, 2017, 339, 256-263.	12.4	50
143	Coupling biological assays with diffusive gradients in thin-films technique to study the biological responses of Eisenia fetida to cadmium in soil. Journal of Hazardous Materials, 2017, 339, 340-346.	12.4	21
144	Molecular mechanisms of PFOA-induced toxicity in animals and humans: Implications for health risks. Environment International, 2017, 99, 43-54.	10.0	168

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145	Arsenic and phosphate rock impacted the abundance and diversity of bacterial arsenic oxidase and reductase genes in rhizosphere of As-hyperaccumulator Pteris vittata. Journal of Hazardous Materials, 2017, 321, 146-153.	12.4	39
146	Arsenic Transport in Rice and Biological Solutions to Reduce Arsenic Risk from Rice. Frontiers in Plant Science, 2017, 8, 268.	3.6	126
147	Lead Relative Bioavailability in Lip Products and Their Potential Health Risk to Women. Environmental Science & Technology, 2016, 50, 6036-6043.	10.0	27
148	Influence of pollution control on lead inhalation bioaccessibility in PM2.5: A case study of 2014 Youth Olympic Games in Nanjing. Environment International, 2016, 94, 69-75.	10.0	56
149	Advances in inÂvitro methods to evaluate oral bioaccessibility of PAHs and PBDEs in environmental matrices. Chemosphere, 2016, 150, 378-389.	8.2	56
150	Using the SBRC Assay to Predict Lead Relative Bioavailability in Urban Soils: Contaminant Source and Correlation Model. Environmental Science & Technology, 2016, 50, 4989-4996.	10.0	34
151	Molecular mechanisms of dust-induced toxicity in human corneal epithelial cells: Water and organic extract of office and house dust. Environment International, 2016, 92-93, 348-356.	10.0	54
152	High-resolution measurement and mapping of tungstate in waters, soils and sediments using the low-disturbance DGT sampling technique. Journal of Hazardous Materials, 2016, 316, 69-76.	12.4	48
153	Assessment of cadmium bioaccessibility to predict its bioavailability in contaminated soils. Environment International, 2016, 94, 600-606.	10.0	71
154	Mechanisms of arsenic disruption on gonadal, adrenal and thyroid endocrine systems in humans: A review. Environment International, 2016, 95, 61-68.	10.0	78
155	Arsenic Induced Phytate Exudation, and Promoted FeAsO₄ Dissolution and Plant Growth in As-Hyperaccumulator Pteris vittata. Environmental Science & Technology, 2016, 50, 9070-9077.	10.0	71
156	Novel DGT method with tri-metal oxide adsorbent for in situ spatiotemporal flux measurement of fluoride in waters and sediments. Water Research, 2016, 99, 200-208.	11.3	25
157	A label-free and portable graphene FET aptasensor for children blood lead detection. Scientific Reports, 2016, 6, 21711.	3.3	88
158	Effect of aging on bioaccessibility of arsenic and lead in soils. Chemosphere, 2016, 151, 94-100.	8.2	43
159	Potential arsenic exposures in 25 species of zoo animals living in CCA-wood enclosures. Science of the Total Environment, 2016, 551-552, 614-621.	8.0	13
160	Mechanisms of housedust-induced toxicity in primary human corneal epithelial cells: Oxidative stress, proinflammatory response and mitochondrial dysfunction. Environment International, 2016, 89-90, 30-37.	10.0	49
161	Sulfate and chromate increased each other's uptake and translocation in As-hyperaccumulator Pteris vittata. Chemosphere, 2016, 147, 36-43.	8.2	63
162	Arsenic-induced plant growth of arsenic-hyperaccumulator Pteris vittata: Impact of arsenic and phosphate rock. Chemosphere, 2016, 149, 366-372.	8.2	32

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163	Photosynthetic electron-transfer reactions in the gametophyte of Pteris multifida reveal the presence of allelopathic interference from the invasive plant species Bidens pilosa. Journal of Photochemistry and Photobiology B: Biology, 2016, 158, 81-88.	3.8	23
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