Lena Q

List of Publications by Year in Descending Order

325 papers	21,707 citations	72 h-index	136 g-index
328 ext. papers	24,497 ext. citations	8.7 avg, IF	7.16 L-index

#	Paper	IF	Citations
325	Pollution characteristics and source analysis of microplastics in the Qiantang River in southeastern China.. *Chemosphere*, **2022**, 293, 133576	8.4	5
324	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	12.8	2
323	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	12.8	0
322	Geographical distribution of As-hyperaccumulator Pteris vittata in China: Environmental factors and climate changes. *Science of the Total Environment*, **2022**, 803, 149864	10.2	4
321	Nanotoxicological effects and transcriptome mechanisms of wheat (Triticum aestivum L.) under stress of polystyrene nanoplastics. *Journal of Hazardous Materials*, **2022**, 423, 127241	12.8	8
320	Nrf2/Keap1 pathway in countering arsenic-induced oxidative stress in mice after chronic exposure at environmentally-relevant concentrations. *Chemosphere*, **2022**, 135256	8.4	0
319	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*, **2021**, 812, 152446	10.2	6
318	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*, **2021**, 292, 133361	8.4	2
317	Selenate increased plant growth and arsenic uptake in As-hyperaccumulator Pteris vittata via glutathione-enhanced arsenic reduction and translocation. *Journal of Hazardous Materials*, **2021**, 424, 127581	12.8	3
316	Coupling in vitro assays with sequential extraction to investigate cadmium bioaccessibility in contaminated soils. *Chemosphere*, **2021**, 132655	8.4	0
315	Amine- and thiol-bifunctionalized mesoporous silica material for immobilization of Pb and Cd: Characterization, efficiency, and mechanism. *Chemosphere*, **2021**, 291, 132771	8.4	1
314	Key soil parameters affecting the survival of Panax notoginseng under continuous cropping. *Scientific Reports*, **2021**, 11, 5656	4.9	1
313	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	12.8	6
312	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	3.2	3
311	Increase in arsenic methylation and volatilization during manure composting with biochar amendment in an aeration bioreactor. *Journal of Hazardous Materials*, **2021**, 411, 125123	12.8	2
310	Antibiotic exposure decreases soil arsenic oral bioavailability in mice by disrupting ileal microbiota and metabolic profile. *Environment International*, **2021**, 151, 106444	12.9	6
309	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	7.9	2

308	Progresses and emerging trends of arsenic research in the past 120 years. *Critical Reviews in Environmental Science and Technology*, **2021**, 51, 1306-1353	11.1	9
307	Impacts of metallic nanoparticles and transformed products on soil health. *Critical Reviews in Environmental Science and Technology*, **2021**, 51, 973-1002	11.1	10
306	Sequential fractionation and plant uptake of As, Cu, and Zn in a contaminated riparian wetland. *Environmental Pollution*, **2021**, 268, 115734	9.3	4
305	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	10.2	2
304	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	10.2	18
303	Expressing Phosphate Transporter PvPht2;1 Enhances P Transport to the Chloroplasts and Increases Arsenic Tolerance in. *Environmental Science & Technology*, **2021**, 55, 2276-2284	10.3	7
302	Long-Term Manure Application Changes Bacterial Communities in Rice Rhizosphere and Arsenic Speciation in Rice Grains. *Environmental Science & Technology*, **2021**, 55, 1555-1565	10.3	13
301	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	7	6
300	Enhancing phytoremediation of hazardous metal(loid)s using genome engineering CRISPR-Cas9 technology. *Journal of Hazardous Materials*, **2021**, 414, 125493	12.8	40
299	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	12.8	6
298	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	3.7	9
297	Organophosphorus flame retardant TDCPP-induced cytotoxicity and associated mechanisms in normal human skin keratinocytes. *Science of the Total Environment*, **2020**, 726, 138526	10.2	6
296	Efficient arsenate reduction in As-hyperaccumulator Pteris vittata are mediated by novel arsenate reductases PvHAC1 and PvHAC2. *Journal of Hazardous Materials*, **2020**, 399, 122895	12.8	11
295	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	9.3	26
294	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	9.3	7
293	Using rice as a remediating plant to deplete bioavailable arsenic from paddy soils. *Environment International*, **2020**, 141, 105799	12.9	14
292	Polycyclic aromatic hydrocarbons in processed yard trash. *Waste Management and Research*, **2020**, 38, 825-830	4	3
291	Geogenic nickel exposure from food consumption and soil ingestion: A bioavailability based assessment. *Environmental Pollution*, **2020**, 265, 114873	9.3	4

290	The Influence of Food on the Bioavailability of DDT and Its Metabolites in Soil. *Environmental Science & Technology*, **2020**, 54, 5003-5010	10.3	9
289	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	10.2	20
288	Closely-related species of hyperaccumulating plants and their ability in accumulation of As, Cd, Cu, Mn, Ni, Pb and Zn. *Chemosphere*, **2020**, 251, 126334	8.4	15
287	Linking elevated blood lead level in urban school-aged children with bioaccessible lead in neighborhood soil. *Environmental Pollution*, **2020**, 261, 114093	9.3	10
286	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	5.7	4
285	Pteris vittata coupled with phosphate rock effectively reduced As and Cd uptake by water spinach from contaminated soil. *Chemosphere*, **2020**, 247, 125916	8.4	8
284	Localized Intensification of Arsenic Release within the Emergent Rice Rhizosphere. *Environmental Science & Technology*, **2020**, 54, 3138-3147	10.3	14
283	Comparing CaCl, EDTA and DGT methods to predict Cd and Ni accumulation in rice grains from contaminated soils. *Environmental Pollution*, **2020**, 260, 114042	9.3	26
282	Organic extract of indoor dust induces estrogen-like effects in human breast cancer cells. *Science of the Total Environment*, **2020**, 726, 138505	10.2	3
281	Effects of novel brominated flame retardants and metabolites on cytotoxicity in human umbilical vein endothelial cells. *Chemosphere*, **2020**, 253, 126653	8.4	5
280	Eugenol protects cells against oxidative stress via Nrf2. *Experimental and Therapeutic Medicine*, **2020**, 21, 107	2.1	3
279	Chemical compositions and source apportionment of PM during clear and hazy days: Seasonal changes and impacts of Youth Olympic Games. *Chemosphere*, **2020**, 256, 127163	8.4	12
278	Expression of New Phosphate Transporter PvPht1;4 Reduces Arsenic Translocation from the Roots to Shoots in Tobacco Plants. *Environmental Science & Technology*, **2020**, 54, 1045-1053	10.3	26
277	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	12.8	6
276	Arsenic accumulation and distribution in Pteris vittata fronds of different maturity: Impacts of soil As concentrations. *Science of the Total Environment*, **2020**, 715, 135298	10.2	9
275	Response to comment on "closely-related species of hyperaccumulating plants and their ability in accumulation of As, Cd, Cu, Mn, Ni, Pb and Zn". *Chemosphere*, **2020**, 260, 128037	8.4	1
274	Organoarsenical compounds: Occurrence, toxicology and biotransformation. *Critical Reviews in Environmental Science and Technology*, **2020**, 50, 217-243	11.1	19
273	Aquaporins mediated arsenite transport in plants: Molecular mechanisms and applications in crop improvement. *Critical Reviews in Environmental Science and Technology*, **2020**, 50, 1613-1639	11.1	12

272	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	12.8	8
271	Arsanilic acid contributes more to total arsenic than roxarsone in chicken meat from Chinese markets. *Journal of Hazardous Materials*, **2020**, 383, 121178	12.8	18
270	Arsenic, lead, and cadmium bioaccessibility in contaminated soils: Measurements and validations. *Critical Reviews in Environmental Science and Technology*, **2020**, 50, 1303-1338	11.1	30
269	Organic adsorbents modified with citric acid and Fe3O4 enhance the removal of Cd and Pb in contaminated solutions. *Chemical Engineering Journal*, **2020**, 395, 125108	14.7	31
268	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	10.3	28
267	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	10.3	12
266	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	10.2	31
265	Emerging and legacy PAHs in urban soils of four small cities: Concentrations, distribution, and sources. *Science of the Total Environment*, **2019**, 685, 463-470	10.2	22
264	As, Cd, and Pb relative bioavailability in contaminated soils: Coupling mouse bioassay with UBM assay. *Environment International*, **2019**, 130, 104875	12.9	13
263	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	10.3	5
262	Contribution of Asphalt Products to Total and Bioaccessible Polycyclic Aromatic Hydrocarbons. *International Journal of Environmental Research*, **2019**, 13, 499-509	2.9	14
261	Emerging PAHs in urban soils: Concentrations, bioaccessibility, and spatial distribution. *Science of the Total Environment*, **2019**, 670, 800-805	10.2	26
260	Anaerobic digestion to reduce biomass and remove arsenic from As-hyperaccumulator Pteris vittata. *Environmental Pollution*, **2019**, 250, 23-28	9.3	17
259	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	10.2	13
258	Interactive effects of As, Cd and Zn on their uptake and oxidative stress in As-hyperaccumulator Pteris vittata. *Environmental Pollution*, **2019**, 248, 756-762	9.3	18
257	Heterologous Expression of Phosphate Transporter PvPht1;3 Enhances Arsenic Translocation to and Accumulation in Tobacco Shoots. *Environmental Science & Technology*, **2019**, 53, 10636-10644	10.3	24
256	Expressing Arsenite Antiporter PvACR3;1 in Rice (L.) Decreases Inorganic Arsenic Content in Rice Grains. *Environmental Science & Technology*, **2019**, 53, 10062-10069	10.3	29
255	Arsenic-resistance mechanisms in bacterium Leclercia adecarboxylata strain As3-1: Biochemical and genomic analyses. *Science of the Total Environment*, **2019**, 690, 1178-1189	10.2	11

254	Heterologous expression of PvACR3;1 decreased arsenic accumulation in plant shoots **2019**, 279-280		1
253	Arsenic oral bioavailability in soils, housedust, and food: implications for human health **2019**, 15-17		
252	Phytate enhanced dissolution of As-goethite and uptake by As-hyperaccumulator Pteris vittata **2019**, 479-480		
251	Arsenic relative bioavailability in contaminated soils: comparison of animal models, dosing schemes, and biological endpoints **2019**, 171-172		
250	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	10.3	10
249	PAHs in urban soils of two Florida cities: Background concentrations, distribution, and sources. *Chemosphere*, **2019**, 214, 220-227	8.4	49
248	Inhalation bioaccessibility of PAHs in PM: Implications for risk assessment and toxicity prediction. *Science of the Total Environment*, **2019**, 650, 56-64	10.2	41
247	In Situ Measurement of Thallium in Natural Waters by a Technique Based on Diffusive Gradients in Thin Films Containing a □MnO Gel Layer. *Analytical Chemistry*, **2019**, 91, 1344-1352	7.8	7
246	Synthetic phenolic antioxidants and their major metabolites in human fingernail. *Environmental Research*, **2019**, 169, 308-314	7.9	27
245	An interventional study of rice for reducing cadmium exposure in a Chinese industrial town. *Environment International*, **2019**, 122, 301-309	12.9	16
244	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	8.4	23
243	Efficient arsenate reduction by As-resistant bacterium Bacillus sp. strain PVR-YHB1-1: Characterization and genome analysis. *Chemosphere*, **2019**, 218, 1061-1070	8.4	18
242	Arsenic Concentrations, Speciation, and Localization in 141 Cultivated Market Mushrooms: Implications for Arsenic Exposure to Humans. *Environmental Science & Technology*, **2019**, 53, 503-511	10.3	21
241	Metal contamination in a riparian wetland: Distribution, fractionation and plant uptake. *Chemosphere*, **2018**, 200, 587-593	8.4	12
240	Speciation, bioaccessibility and potential risk of chromium in Amazon forest soils. *Environmental Pollution*, **2018**, 239, 384-391	9.3	30
239	Interactions of Gaseous 2-Chlorophenol with Fe-Saturated Montmorillonite and Their Toxicity to Human Lung Cells. *Environmental Science & Technology*, **2018**, 52, 5208-5217	10.3	14
238	Arsenic-induced nutrient uptake in As-hyperaccumulator Pteris vittata and their potential role to enhance plant growth. *Chemosphere*, **2018**, 198, 425-431	8.4	15
237	Straw enhanced CO2 and CH4 but decreased N2O emissions from flooded paddy soils: Changes in microbial community compositions. *Atmospheric Environment*, **2018**, 174, 171-179	5.3	35

236	Cellular responses of normal (HL-7702) and cancerous (HepG2) hepatic cells to dust extract exposure. *Chemosphere*, **2018**, 193, 1189-1197	8.4	18
235	Determination of 2,6-di-tert-butyl-hydroxytoluene and its transformation products in indoor dust and sediment by gas chromatography-mass spectrometry coupled with precolumn derivatization. *Science of the Total Environment*, **2018**, 619-620, 552-558	10.2	30
234	Impact of particle size on distribution and human exposure of flame retardants in indoor dust. *Environmental Research*, **2018**, 162, 166-172	7.9	43
233	Phosphate Transporter PvPht1;2 Enhances Phosphorus Accumulation and Plant Growth without Impacting Arsenic Uptake in Plants. *Environmental Science & Technology*, **2018**, 52, 3975-3981	10.3	28
232	Metal concentrations in traditional and herbal teas and their potential risks to human health. *Science of the Total Environment*, **2018**, 633, 649-657	10.2	44
231	In situ sampling and speciation method for measuring dissolved phosphite at ultratrace concentrations in the natural environment. *Water Research*, **2018**, 137, 281-289	12.5	16
230	Metal leachability from coal combustion residuals under different pHs and liquid/solid ratios. *Journal of Hazardous Materials*, **2018**, 341, 66-74	12.8	36
229	Arsenic removal from As-hyperaccumulator Pteris vittata biomass: Coupling extraction with precipitation. *Chemosphere*, **2018**, 193, 288-294	8.4	15
228	Temporal and spatial distribution of Microcystis biomass and genotype in bloom areas of Lake Taihu. *Chemosphere*, **2018**, 209, 730-738	8.4	13
227	Metals in paints on chopsticks: Solubilization in simulated saliva, gastric, and food solutions and implication for human health. *Environmental Research*, **2018**, 167, 299-306	7.9	6
226	Phosphate-Solubilizing Pseudomonads for Improving Crop Plant Nutrition and Agricultural Productivity **2018**, 363-372		0
225	Novel Method for in Situ Monitoring of Organophosphorus Flame Retardants in Waters. *Analytical Chemistry*, **2018**, 90, 10016-10023	7.8	25
224	Food influence on lead relative bioavailability in contaminated soils: Mechanisms and health implications. *Journal of Hazardous Materials*, **2018**, 358, 427-433	12.8	15
223	In situ measurement of perfluoroalkyl substances in aquatic systems using diffusive gradients in thin-films technique. *Water Research*, **2018**, 144, 162-171	12.5	42
222	Human exposure to polycyclic aromatic hydrocarbons: Metabolomics perspective. *Environment International*, **2018**, 119, 466-477	12.9	88
221	Arsenic removal by As-hyperaccumulator Pteris vittata from two contaminated soils: A 5-year study. *Chemosphere*, **2018**, 206, 736-741	8.4	38
220	Assessment of trace metals in five most-consumed vegetables in the US: Conventional vs. organic. *Environmental Pollution*, **2018**, 243, 292-300	9.3	24
219	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	6	43

218	Interactive effects of chromate and arsenate on their uptake and speciation in Pteris ensiformis. *Plant and Soil*, **2018**, 422, 515-526	4.2	11
217	In Situ Selective Measurement of Se in Waters and Soils: Diffusive Gradients in Thin-Films with Bi-Functionalized Silica Nanoparticles. *Environmental Science & Technology*, **2018**, 52, 14140-14148	10.3	12
216	Field-Scale Heterogeneity and Geochemical Regulation of Arsenic, Iron, Lead, and Sulfur Bioavailability in Paddy Soil. *Environmental Science & Technology*, **2018**, 52, 12098-12107	10.3	13
215	Source identification of PAHs in soils based on stable carbon isotopic signatures. *Critical Reviews in Environmental Science and Technology*, **2018**, 48, 923-948	11.1	16
214	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	12.9	23
213	Water extract of indoor dust induces tight junction disruption in normal human corneal epithelial cells. *Environmental Pollution*, **2018**, 243, 301-307	9.3	12
212	Phytate promoted arsenic uptake and growth in arsenic-hyperaccumulator Pteris vittata by upregulating phosphorus transporters. *Environmental Pollution*, **2018**, 241, 240-246	9.3	13
211	Impact of particle size on distribution, bioaccessibility, and cytotoxicity of polycyclic aromatic hydrocarbons in indoor dust. *Journal of Hazardous Materials*, **2018**, 357, 341-347	12.8	24
210	Arsenic-hyperaccumulator Pteris vittata efficiently solubilized phosphate rock to sustain plant growth and As uptake. *Journal of Hazardous Materials*, **2017**, 330, 68-75	12.8	40
209	Arsenic uptake by lettuce from As-contaminated soil remediated with Pteris vittata and organic amendment. *Chemosphere*, **2017**, 176, 249-254	8.4	24
208	Microbial siderophores and root exudates enhanced goethite dissolution and Fe/As uptake by As-hyperaccumulator Pteris vittata. *Environmental Pollution*, **2017**, 223, 230-237	9.3	38
207	A diffusive gradients in thin-films technique for the assessment of bisphenols desorption from soils. *Journal of Hazardous Materials*, **2017**, 331, 321-328	12.8	31
206	Phytate induced arsenic uptake and plant growth in arsenic-hyperaccumulator Pteris vittata. *Environmental Pollution*, **2017**, 226, 212-218	9.3	17
205	Arsenate and fluoride enhanced each other's uptake in As-sensitive plant Pteris ensiformis. *Chemosphere*, **2017**, 180, 448-454	8.4	11
204	Applying Cadmium Relative Bioavailability to Assess Dietary Intake from Rice to Predict Cadmium Urinary Excretion in Nonsmokers. *Environmental Science & Technology*, **2017**, 51, 6756-6764	10.3	37
203	Mechanisms of efficient As solubilization in soils and As accumulation by As-hyperaccumulator Pteris vittata. *Environmental Pollution*, **2017**, 227, 569-577	9.3	49
202	Effects of organophosphorus flame retardant TDCPP on normal human corneal epithelial cells: Implications for human health. *Environmental Pollution*, **2017**, 230, 22-30	9.3	30
201	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	10.2	17

200	Mechanisms of metal sorption by biochars: Biochar characteristics and modifications. *Chemosphere*, **2017**, 178, 466-478	8.4	784
199	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	7.9	21
198	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	10.3	38
197	Lead relative bioavailability in soils based on different endpoints of a mouse model. *Journal of Hazardous Materials*, **2017**, 326, 94-100	12.8	15
196	Mineral Dietary Supplement To Decrease Cadmium Relative Bioavailability in Rice Based on a Mouse Bioassay. *Environmental Science & Technology*, **2017**, 51, 12123-12130	10.3	24
195	Knocking Out OsPT4 Gene Decreases Arsenate Uptake by Rice Plants and Inorganic Arsenic Accumulation in Rice Grains. *Environmental Science & Technology*, **2017**, 51, 12131-12138	10.3	74
194	Heterologous Expression of Pteris vittata Arsenite Antiporter PvACR3;1 Reduces Arsenic Accumulation in Plant Shoots. *Environmental Science & Technology*, **2017**, 51, 10387-10395	10.3	48
193	Molecular Mechanisms of Perfluorooctanoate-Induced Hepatocyte Apoptosis in Mice Using Proteomic Techniques. *Environmental Science & Technology*, **2017**, 51, 11380-11389	10.3	15
192	Fluoride concentrations in traditional and herbal teas: Health risk assessment. *Environmental Pollution*, **2017**, 231, 779-784	9.3	32
191	Effect of biochar and Fe-biochar on Cd and As mobility and transfer in soil-rice system. *Chemosphere*, **2017**, 186, 928-937	8.4	123
190	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	8.4	13
189	Thyrotoxicity of arsenate and arsenite on juvenile mice at organism, subcellular, and gene levels under low exposure. *Chemosphere*, **2017**, 186, 580-587	8.4	13
188	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	8.4	16
187	Bacteria from the rhizosphere and tissues of As-hyperaccumulator Pteris vittata and their role in arsenic transformation. *Chemosphere*, **2017**, 186, 599-606	8.4	13
186	Remediation of Polluted Soil in China: Policy and Technology Bottlenecks. *Environmental Science & Technology*, **2017**, 51, 14027-14029	10.3	17
185	Effect of phosphate amendment on relative bioavailability and bioaccessibility of lead and arsenic in contaminated soils. *Journal of Hazardous Materials*, **2017**, 339, 256-263	12.8	34
184	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	12.8	19
183	Molecular mechanisms of PFOA-induced toxicity in animals and humans: Implications for health risks. *Environment International*, **2017**, 99, 43-54	12.9	108

182	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	12.8	32
181	Arsenic Transport in Rice and Biological Solutions to Reduce Arsenic Risk from Rice. *Frontiers in Plant Science*, **2017**, 8, 268	6.2	94
180	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	12.5	20
179	A label-free and portable graphene FET aptasensor for children blood lead detection. *Scientific Reports*, **2016**, 6, 21711	4.9	70
178	Effect of aging on bioaccessibility of arsenic and lead in soils. *Chemosphere*, **2016**, 151, 94-100	8.4	33
177	Potential arsenic exposures in 25 species of zoo animals living in CCA-wood enclosures. *Science of the Total Environment*, **2016**, 551-552, 614-21	10.2	11
176	Mechanisms of housedust-induced toxicity in primary human corneal epithelial cells: Oxidative stress, proinflammatory response and mitochondrial dysfunction. *Environment International*, **2016**, 89-90, 30-7	12.9	39
175	Sulfate and chromate increased each other's uptake and translocation in As-hyperaccumulator Pteris vittata. *Chemosphere*, **2016**, 147, 36-43	8.4	39
174	Arsenic-induced plant growth of arsenic-hyperaccumulator Pteris vittata: Impact of arsenic and phosphate rock. *Chemosphere*, **2016**, 149, 366-72	8.4	29
173	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, 81-8	6.7	12
172	Predicting the Relative Bioavailability of DDT and Its Metabolites in Historically Contaminated Soils Using a Tenax-Improved Physiologically Based Extraction Test (TI-PBET). *Environmental Science & Technology*, **2016**, 50, 1118-25	10.3	33
171	Arsenic uptake, arsenite efflux and plant growth in hyperaccumulator Pteris vittata: Role of arsenic-resistant bacteria. *Chemosphere*, **2016**, 144, 1937-42	8.4	40
170	Arsenic impacted the development, thyroid hormone and gene transcription of thyroid hormone receptors in bighead carp larvae (Hypophthalmichthys nobilis). *Journal of Hazardous Materials*, **2016**, 303, 76-82	12.8	20
169	High As exposure induced substantial arsenite efflux in As-hyperaccumulator Pteris vittata. *Chemosphere*, **2016**, 144, 2189-94	8.4	52
168	Arsenic Relative Bioavailability in Contaminated Soils: Comparison of Animal Models, Dosing Schemes, and Biological End Points. *Environmental Science & Technology*, **2016**, 50, 453-61	10.3	39
167	Organophosphorus flame retardants and phthalate esters in indoor dust from different microenvironments: Bioaccessibility and risk assessment. *Chemosphere*, **2016**, 150, 528-535	8.4	93
166	Arsenic transformation and plant growth promotion characteristics of As-resistant endophytic bacteria from As-hyperaccumulator Pteris vittata. *Chemosphere*, **2016**, 144, 1233-40	8.4	40
165	Lead Relative Bioavailability in Lip Products and Their Potential Health Risk to Women. *Environmental Science & Technology*, **2016**, 50, 6036-43	10.3	17

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163	Advances in in vitro methods to evaluate oral bioaccessibility of PAHs and PBDEs in environmental matrices. *Chemosphere*, **2016**, 150, 378-389	8.4	39
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