Xiangdong Li

List of Publications by Year in descending order

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249 papers	27,027 citations	5248 83 h-index	6454 157 g-index
255 all docs	255 docs citations	255 times ranked	22089 citing authors

#	Article	IF	Citations
1	On the triad of air PM pollution, pathogenic bioaerosols, and lower respiratory infection. Environmental Geochemistry and Health, 2023, 45, 1067-1077.	1.8	5
2	Benthic ostracod diversity and biogeography in an urbanized seascape. Marine Micropaleontology, 2022, 174, 102067.	0.5	4
3	Inhalable Antibiotic Resistome from Wastewater Treatment Plants to Urban Areas: Bacterial Hosts, Dissemination Risks, and Source Contributions. Environmental Science & Technology, 2022, 56, 7040-7051.	4.6	38
4	Inhalable antibiotic resistomes emitted from hospitals: metagenomic insights into bacterial hosts, clinical relevance, and environmental risks. Microbiome, 2022, 10, 19.	4.9	39
5	Toxic potency-adjusted control of air pollution for solid fuel combustion. Nature Energy, 2022, 7, 194-202.	19.8	59
6	ACS Environmental Auâ”€Go Green and Go for Gold!. ACS Environmental Au, 2022, 2, 1-2.	3.3	0
7	Airborne transmission as an integral environmental dimension of antimicrobial resistance through the â€œOne Healthâ€•lens. Critical Reviews in Environmental Science and Technology, 2022, 52, 4172-4193.	6.6	24
8	ACS Environmental Auâ”€Gold Open Access toward a Greener Future. ACS Environmental Au, 2022, 2, 74-76.	3.3	1
9	Partitioning and (im)mobilization of arsenic associated with iron in arsenic-bearing deep subsoil profiles from Hong Kong. Environmental Pollution, 2022, 308, 119527.	3.7	5
10	Integrating Environmental Dimensions of â€œOne Healthâ€•to Combat Antimicrobial Resistance: Essential Research Needs. Environmental Science & Technology, 2022, 56, 14871-14874.	4.6	16
11	Environmental Controls to Soil Heavy Metal Pollution Vary at Multiple Scales in a Highly Urbanizing Region in Southern China. Sensors, 2022, 22, 4496.	2.1	5
12	Global Endeavors to Address the Health Effects of Urban Air Pollution. Environmental Science & Technology, 2022, 56, 6793-6798.	4.6	14
13	Intracellular and Extracellular Antibiotic Resistance Genes in Airborne PM_{2.5} for Respiratory Exposure in Urban Areas. Environmental Science and Technology Letters, 2021, 8, 128-134.	3.9	26
14	Guest Comment: Environmental Transmission and Control of COVID-19 Special Issue. Environmental Science & Technology, 2021, 55, 4081-4083.	4.6	0
15	Mercury and sulfur isotopic evidence for the linkages between the ca. 510 Ma Kalkarindji large igneous province and trilobite crisis. Earth and Planetary Science Letters, 2021, 566, 116947.	1.8	5
16	Toward Energy Neutrality in Municipal Wastewater Treatment: A Systematic Analysis of Energy Flow Balance for Different Scenarios. ACS ES&T Water, 2021, 1, 796-807.	2.3	14
17	ACS Environmental Auâ”€Your Open Access Journal for Premier Environmental Research. ACS Environmental Au, 2021, 1, 1-3.	3.3	0
18	Spatial distribution and molecular speciation of copper in indigenous plants from contaminated mine sites: Implication for phytostabilization. Journal of Hazardous Materials, 2020, 381, 121208.	6.5	33

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19	Why Was My Paper Rejected without Review?. Environmental Science & Technology, 2020, 54, 11641-11644.	4.6	10
20	Mechanistic insight into the interactions of EDDS with copper in the rhizosphere of polluted soils. Environmental Pollution, 2020, 267, 115453.	3.7	12
21	Health risk-oriented source apportionment of PM2.5-associated trace metals. Environmental Pollution, 2020, 262, 114655.	3.7	52
22	Antibiotic resistance genes (ARGs) in agricultural soils from the Yangtze River Delta, China. Science of the Total Environment, 2020, 740, 140001.	3.9	57
23	Transformation of Feâ€“P Complexes in Bioreactors and P Recovery from Sludge: Investigation by XANES Spectroscopy. Environmental Science & Technology, 2020, 54, 4641-4650.	4.6	28
24	An Imperative Need for Research on the Role of Environmental Factors in Transmission of Novel Coronavirus (COVID-19). Environmental Science & Technology, 2020, 54, 3730-3732.	4.6	259
25	Municipal Solid Waste Treatment System Increases Ambient Airborne Bacteria and Antibiotic Resistance Genes. Environmental Science & Technology, 2020, 54, 3900-3908.	4.6	70
26	Isotopic tracing of mercury sources in estuarine-inner shelf sediments of the East China Sea. Environmental Pollution, 2020, 262, 114356.	3.7	15
27	Anomalous fractionation of mercury isotopes in the Late Archean atmosphere. Nature Communications, 2020, 11, 1709.	5.8	52
28	Transforming Environmental Chemistry and Toxicology to Meet the Anthropocene Sustainability Challenges Beyond Silent Spring. , 2020, , 263-276.		1
29	Multimedia modeling of the PAH concentration and distribution in the Yangtze River Delta and human health risk assessment. Science of the Total Environment, 2019, 647, 962-972.	3.9	47
30	Deciphering source contributions of trace metal contamination in urban soil, road dust, and foliar dust of Guangzhou, southern China. Science of the Total Environment, 2019, 695, 133596.	3.9	58
31	Air pollution: a global problem needs local fixes. Nature, 2019, 570, 437-439.	13.7	181
32	Water-soluble low molecular weight organics in cloud water at Mt. Tai Mo Shan, Hong Kong. Science of the Total Environment, 2019, 697, 134095.	3.9	10
33	Multifunctional iron-biochar composites for the removal of potentially toxic elements, inherent cations, and hetero-chloride from hydraulic fracturing wastewater. Environment International, 2019, 124, 521-532.	4.8	384
34	Distribution and speciation of copper in rice (Oryza sativa L.) from mining-impacted paddy soil: Implications for copper uptake mechanisms. Environment International, 2019, 126, 717-726.	4.8	59
35	Current Prospective on Environmental Nanotechnology Research in China. Environmental Science & Technology, 2019, 53, 4001-4002.	4.6	4
36	Contributions of City-Specific Fine Particulate Matter (PM_{2.5}) to Differential In Vitro Oxidative Stress and Toxicity Implications between Beijing and Guangzhou of China. Environmental Science & Technology, 2019, 53, 2881-2891.	4.6	109

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37	Bacteria and Antibiotic Resistance Genes (ARGs) in PM_{2.5} from China: Implications for Human Exposure. Environmental Science & Technology, 2019, 53, 963-972.	4.6	111
38	Combined application of EDDS and EDTA for removal of potentially toxic elements under multiple soil washing schemes. Chemosphere, 2018, 205, 178-187.	4.2	62
39	Seasonal Disparities in Airborne Bacteria and Associated Antibiotic Resistance Genes in PM_{2.5} between Urban and Rural Sites. Environmental Science and Technology Letters, 2018, 5, 74-79.	3.9	116
40	Chelant-Enhanced Phytoextraction of Heavy Metal-Contaminated Soils and Its Environmental Risk Assessment. , 2018, , 509-533.		1
41	Biodegradable Chelant-Assisted Phytoextraction. , 2018, , 725-733.		0
42	Sorption, mobility, and bioavailability of PBDEs in the agricultural soils: Roles of co-existing metals, dissolved organic matter, and fertilizers. Science of the Total Environment, 2018, 619-620, 1153-1162.	3.9	23
43	Role of chelant on Cu distribution and speciation in Lolium multiflorum by synchrotron techniques. Science of the Total Environment, 2018, 621, 772-781.	3.9	25
44	Removal of chlorinated organic solvents from hydraulic fracturing wastewater by bare and entrapped nanoscale zero-valent iron. Chemosphere, 2018, 196, 9-17.	4.2	45
45	Interactions of food waste compost with metals and metal-chelant complexes during soil remediation. Journal of Cleaner Production, 2018, 192, 199-206.	4.6	29
46	Effects of low-alkalinity binders on stabilization/solidification of geogenic As-containing soils: Spectroscopic investigation and leaching tests. Science of the Total Environment, 2018, 631-632, 1486-1494.	3.9	51
47	Phthalate esters and organochlorine pesticides in agricultural soils and vegetables from fast-growing regions: a case study from eastern China. Environmental Science and Pollution Research, 2018, 25, 34-42.	2.7	46
48	Speciation, mobilization, and bioaccessibility of arsenic in geogenic soil profile from Hong Kong. Environmental Pollution, 2018, 232, 375-384.	3.7	83
49	Chelant-enhanced washing of CCA-contaminated soil: Coupled with selective dissolution or soil stabilization. Science of the Total Environment, 2018, 612, 1463-1472.	3.9	60
50	Organic contamination and remediation in the agricultural soils of China: A critical review. Science of the Total Environment, 2018, 615, 724-740.	3.9	250
51	Aging effects on chemical transformation and metal(loid) removal by entrapped nanoscale zero-valent iron for hydraulic fracturing wastewater treatment. Science of the Total Environment, 2018, 615, 498-507.	3.9	55
52	A combination of ferric nitrate/EDDS-enhanced washing and sludge-derived biochar stabilization of metal-contaminated soils. Science of the Total Environment, 2018, 616-617, 572-582.	3.9	146
53	Phosphorus Removal and Recovery from Wastewater using Fe-Dosing Bioreactor and Cofermentation: Investigation by X-ray Absorption Near-Edge Structure Spectroscopy. Environmental Science & Technology, 2018, 52, 14119-14128.	4.6	74
54	An optimized protocol for high precision measurement of Hg isotopic compositions in samples with low concentrations of Hg using MC-ICP-MS. Journal of Analytical Atomic Spectrometry, 2018, 33, 1932-1940.	1.6	30

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55	Mercury Inputs to Chinese Marginal Seas: Impact of Industrialization and Development of China. Journal of Geophysical Research: Oceans, 2018, 123, 5599-5611.	1.0	30
56	Isotopic Composition of Gaseous Elemental Mercury in the Marine Boundary Layer of East China Sea. Journal of Geophysical Research D: Atmospheres, 2018, 123, 7656-7669.	1.2	43
57	Chinaâ€™s Fight for Clean Air and Human Health. Environmental Science & Technology, 2018, 52, 8063-8064.	4.6	17
58	Risk mitigation by waste-based permeable reactive barriers for groundwater pollution control at e-waste recycling sites. Environmental Geochemistry and Health, 2017, 39, 75-88.	1.8	24
59	PM2.5 in the Yangtze River Delta, China: Chemical compositions, seasonal variations, and regional pollution events. Environmental Pollution, 2017, 223, 200-212.	3.7	236
60	Speciation and leaching of trace metal contaminants from e-waste contaminated soils. Journal of Hazardous Materials, 2017, 329, 150-158.	6.5	72
61	Nanoscale zero-valent iron for metal/metalloid removal from model hydraulic fracturing wastewater. Chemosphere, 2017, 176, 315-323.	4.2	93
62	Arsenic-containing soil from geogenic source in Hong Kong: Leaching characteristics and stabilization/solidification. Chemosphere, 2017, 182, 31-39.	4.2	117
63	Fate of arsenic before and after chemical-enhanced washing of an arsenic-containing soil in Hong Kong. Science of the Total Environment, 2017, 599-600, 679-688.	3.9	96
64	Potential impact of flowback water from hydraulic fracturing on agricultural soil quality: Metal/metalloid bioaccessibility, Microtox bioassay, and enzyme activities. Science of the Total Environment, 2017, 579, 1419-1426.	3.9	54
65	Insights into the subsurface transport of As(V) and Se(VI) in produced water from hydraulic fracturing using soil samples from Qingshankou Formation, Songliao Basin, China. Environmental Pollution, 2017, 223, 449-456.	3.7	25
66	Spatial distribution, emission source and health risk of parent PAHs and derivatives in surface soils from the Yangtze River Delta, eastern China. Chemosphere, 2017, 178, 301-308.	4.2	104
67	Toward a Comprehensive Strategy to Mitigate Dissemination of Environmental Sources of Antibiotic Resistance. Environmental Science & Technology, 2017, 51, 13061-13069.	4.6	236
68	Antibiotics in the agricultural soils from the Yangtze River Delta, China. Chemosphere, 2017, 189, 301-308.	4.2	143
69	Contamination characteristics and source apportionment of methylated PAHs in agricultural soils from Yangtze River Delta, China. Environmental Pollution, 2017, 230, 927-935.	3.7	32
70	Surface-modified biochar in a bioretention system for Escherichia coli removal from stormwater. Chemosphere, 2017, 169, 89-98.	4.2	107
71	Airborne particulate matter pollution in urban China: a chemical mixture perspective from sources to impacts. National Science Review, 2017, 4, 593-610.	4.6	71
72	Atrazine contamination in agricultural soils from the Yangtze River Delta of China and associated health risks. Environmental Geochemistry and Health, 2017, 39, 369-378.	1.8	60

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73	Zero-valent iron for the abatement of arsenate and selenate from flowback water of hydraulic fracturing. Chemosphere, 2017, 167, 163-170.	4.2	33
74	Selective dissolution followed by EDDS washing of an e-waste contaminated soil: Extraction efficiency, fate of residual metals, and impact on soil environment. Chemosphere, 2017, 166, 489-496.	4.2	94
75	Historical Records of Mercury Stable Isotopes in Sediments of Tibetan Lakes. Scientific Reports, 2016, 6, 23332.	1.6	35
76	Metagenomic Analysis Revealing Antibiotic Resistance Genes (ARGs) and Their Genetic Compartments in the Tibetan Environment. Environmental Science & Technology, 2016, 50, 6670-6679.	4.6	155
77	Polychlorinated biphenyls in agricultural soils from the Yangtze River Delta of China: Regional contamination characteristics, combined ecological effects and human health risks. Chemosphere, 2016, 163, 422-428.	4.2	40
78	Integrating EDDS-enhanced washing with low-cost stabilization of metal-contaminated soil from an e-waste recycling site. Chemosphere, 2016, 159, 426-432.	4.2	65
79	Impacts of human activities on distribution of sulfate-reducing prokaryotes and antibiotic resistance genes in marine coastal sediments of Hong Kong. FEMS Microbiology Ecology, 2016, 92, fiw128.	1.3	37
80	Contamination of phthalate esters, organochlorine pesticides and polybrominated diphenyl ethers in agricultural soils from the Yangtze River Delta of China. Science of the Total Environment, 2016, 544, 670-676.	3.9	155
81	Using mercury isotopes to understand the bioaccumulation of Hg in the subtropical Pearl River Estuary, South China. Chemosphere, 2016, 147, 173-179.	4.2	37
82	Molecular markers of biomass burning, fungal spores and biogenic SOA in the Taklimakan desert aerosols. Atmospheric Environment, 2016, 130, 64-73.	1.9	57
83	Identifying the Sources and Processes of Mercury in Subtropical Estuarine and Ocean Sediments Using Hg Isotopic Composition. Environmental Science & Technology, 2015, 49, 1347-1355.	4.6	107
84	The effects of rice canopy on the airâ€“soil exchange of polycyclic aromatic hydrocarbons and organochlorine pesticides using paired passive air samplers. Environmental Pollution, 2015, 200, 35-41.	3.7	13
85	Inhibition of the WNT/Î²-catenin pathway by fine particulate matter in haze: Roles of metals and polycyclic aromatic hydrocarbons. Atmospheric Environment, 2015, 109, 118-129.	1.9	12
86	Remobilization of trace metals from contaminated marine sediment in a simulated dynamic environment. Environmental Science and Pollution Research, 2015, 22, 19905-19911.	2.7	22
87	Assessment of the Airâ€“Soil Partitioning of Polycyclic Aromatic Hydrocarbons in a Paddy Field Using a Modified Fugacity Sampler. Environmental Science & Technology, 2015, 49, 284-291.	4.6	26
88	The role of class I integrons in the dissemination of sulfonamide resistance genes in the Pearl River and Pearl River Estuary, South China. Journal of Hazardous Materials, 2015, 282, 61-67.	6.5	171
89	Influence of rice growth on the fate of polycyclic aromatic hydrocarbons in a subtropical paddy field: A life cycle study. Chemosphere, 2015, 119, 1233-1239.	4.2	27
90	Trends and advances in mercury stable isotopes as a geochemical tracer. Trends in Environmental Analytical Chemistry, 2014, 2, 1-10.	5.3	74

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91	Metagenomic analysis reveals potential biodegradation pathways of persistent pesticides in freshwater and marine sediments. Science of the Total Environment, 2014, 470-471, 983-992.	3.9	92
92	Distribution of mercury in coastal marine sediments of China: Sources and transport. Marine Pollution Bulletin, 2014, 88, 347-353.	2.3	45
93	Atmospheric deposition of lead in remote high mountain of eastern Tibetan Plateau, China. Atmospheric Environment, 2014, 99, 425-435.	1.9	55
94	The distribution and partitioning of common antibiotics in water and sediment of the Pearl River Estuary, South China. Chemosphere, 2013, 92, 1410-1416.	4.2	223
95	Trace metals in soil, dust, and tree leaves of the urban environment, Guangzhou, China. Science Bulletin, 2013, 58, 222-230.	1.7	27
96	Organotin compounds in surface sediments from selected fishing ports along the Chinese coast. Science Bulletin, 2013, 58, 231-237.	1.7	18
97	Geochemical records in Holocene lake sediments of northern China: Implication for natural and anthropogenic inputs. Quaternary International, 2013, 304, 200-208.	0.7	19
98	Antibiotics in riverine runoff of the Pearl River Delta and Pearl River Estuary, China: Concentrations, mass loading and ecological risks. Environmental Pollution, 2013, 182, 402-407.	3.7	163
99	A novel in situ method for sampling urban soil dust: Particle size distribution, trace metal concentrations, and stable lead isotopes. Environmental Pollution, 2013, 177, 48-57.	3.7	92
100	Metagenomic exploration reveals high levels of microbial arsenic metabolism genes in activated sludge and coastal sediments. Applied Microbiology and Biotechnology, 2013, 97, 9579-9588.	1.7	65
101	Differentiating anthropogenic impacts on ARGs in the Pearl River Estuary by using suitable gene indicators. Water Research, 2013, 47, 2811-2820.	5.3	182
102	Atmospheric deposition of polycyclic aromatic hydrocarbons (PAHs) to a coastal site of Hong Kong, South China. Atmospheric Environment, 2013, 69, 265-272.	1.9	63
103	Metagenomic Profiles of Antibiotic Resistance Genes (ARGs) between Human Impacted Estuary and Deep Ocean Sediments. Environmental Science & Technology, 2013, 47, 12753-12760.	4.6	329
104	Levels, spatial distribution and sources of selected antibiotics in the East River (Dongjiang), South China. Aquatic Ecosystem Health and Management, 2012, 15, 210-218.	0.3	32
105	Direct potable reuse of reclaimed wastewater: it is time for a rational discussion. Reviews on Environmental Health, 2012, 27, 197-206.	1.1	8
106	Trace metal contamination in urban soils of China. Science of the Total Environment, 2012, 421-422, 17-30.	3.9	417
107	Factors Affecting the Occurrence and Transport of Atmospheric Organochlorines in the China Sea and the Northern Indian and South East Atlantic Oceans. Environmental Science & Technology, 2012, 46, 10012-10021.	4.6	44
108	The mobility, bioavailability, and human bioaccessibility of trace metals in urban soils of Hong Kong. Applied Geochemistry, 2012, 27, 995-1004.	1.4	132

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109	Extraction of heavy metals from e-waste contaminated soils using EDDS. Journal of Environmental Sciences, 2012, 24, 1985-1994.	3.2	27
110	The spatial distribution and potential sources of polycyclic aromatic hydrocarbons (PAHs) over the Asian marginal seas and the Indian and Atlantic Oceans. Journal of Geophysical Research, 2012, 117, .	3.3	23
111	The changes in trace metal contamination over the last decade in surface sediments of the Pearl River Estuary, South China. Science of the Total Environment, 2012, 439, 141-149.	3.9	104
112	Metal leaching along soil profiles after the EDDS application â€“ A field study. Environmental Pollution, 2012, 164, 204-210.	3.7	50
113	Polycyclic aromatic hydrocarbons on indoor/outdoor glass window surfaces in Guangzhou and Hong Kong, south China. Environmental Pollution, 2012, 169, 190-195.	3.7	37
114	Trace metal pollution in China. Science of the Total Environment, 2012, 421-422, 1-2.	3.9	14
115	Influence of agricultural practice on trace metals in soils and vegetation in the water conservation area along the East River (Dongjiang River), South China. Science of the Total Environment, 2012, 431, 26-32.	3.9	37
116	Atmospheric polybrominated diphenyl ethers (PBDEs) and Pb isotopes at a remote site in Southwestern China: Implications for monsoon-associated transport. Science of the Total Environment, 2011, 409, 4564-4571.	3.9	18
117	Organic diagenesis in sediment and its impact on the adsorption of bisphenol A and nonylphenol onto marine sediment. Marine Pollution Bulletin, 2011, 63, 578-582.	2.3	33
118	Distribution, availability, and sources of trace metals in different particle size fractions of urban soils in Hong Kong: Implications for assessing the risk to human health. Environmental Pollution, 2011, 159, 1317-1326.	3.7	238
119	Characterization of PBDEs in soils and vegetations near an e-waste recycling site in South China. Environmental Pollution, 2011, 159, 2443-2448.	3.7	144
120	Trace elements and lead isotopic composition of PM10 in Lhasa, Tibet. Atmospheric Environment, 2011, 45, 6210-6215.	1.9	82
121	PBDEs in the atmosphere over the Asian marginal seas, and the Indian and Atlantic oceans. Atmospheric Environment, 2011, 45, 6622-6628.	1.9	31
122	The effect of nitrate concentration on sulfide-driven autotrophic denitrification in marine sediment. Chemosphere, 2011, 83, 1-6.	4.2	56
123	Characterization and risk assessment of polychlorinated biphenyls in soils and vegetations near an electronic waste recycling site, South China. Chemosphere, 2011, 85, 344-350.	4.2	79
124	Preface: selected papers from SEGH 2010 conference on environmental quality and human health. Environmental Geochemistry and Health, 2011, 33, 309-310.	1.8	0
125	Heavy metal contamination in soils and vegetables near an e-waste processing site, south China. Journal of Hazardous Materials, 2011, 186, 481-490.	6.5	565
126	Conference Report: USâ€“China Workshop on Pathways Toward Low Carbon Cities: quantifying baselines and interventions. Carbon Management, 2011, 2, 377-382.	1.2	0

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127	Concentrations and contamination trends of heavy metals in the sediment cores of Taihu Lake, East China, and their relationship with historical eutrophication. Diqiu Huaxue, 2010, 29, 33-41.	0.5	14
128	Chemical speciation and bioaccessibility of lead in surface soil and house dust, Lavrion urban area, Attiki, Hellas. Environmental Geochemistry and Health, 2010, 32, 529-552.	1.8	34
129	Particle deposition fluxes of BDE-209, PAHs, DDTs and chlordane in the Pearl River Delta, South China. Science of the Total Environment, 2010, 408, 3664-3670.	3.9	45
130	Arsenic contamination and potential health risk implications at an abandoned tungsten mine, southern China. Environmental Pollution, 2010, 158, 820-826.	3.7	208
131	Mercury profiles in sediments of the Pearl River Estuary and the surrounding coastal area of South China. Environmental Pollution, 2010, 158, 1974-1979.	3.7	83
132	Impact of anthropogenic emissions and open biomass burning on regional carbonaceous aerosols in South China. Environmental Pollution, 2010, 158, 3392-3400.	3.7	62
133	Carbonaceous matter and PBDEs on indoor/outdoor glass window surfaces inÂGuangzhou and Hong Kong, South China. Atmospheric Environment, 2010, 44, 3254-3260.	1.9	34
134	Mercury in the marine boundary layer and seawater of the South China Sea: Concentrations, sea/air flux, and implication for land outflow. Journal of Geophysical Research, 2010, 115, .	3.3	104
135	Atmospheric wet deposition of trace elements to central Tibetan Plateau. Applied Geochemistry, 2010, 25, 1415-1421.	1.4	143
136	Dry and wet particle deposition of polybrominated diphenyl ethers (PBDEs) in Guangzhou and Hong Kong, South China. Journal of Environmental Monitoring, 2010, 12, 1730.	2.1	17
137	Identification of a Novel Toluene-Degrading Bacterium from the Candidate Phylum TM7, as Determined by DNA Stable Isotope Probing. Applied and Environmental Microbiology, 2009, 75, 4644-4647.	1.4	77
138	Polycyclic aromatic hydrocarbons (PAHs) in the water column and sediment core of Deep Bay, South China. Estuarine, Coastal and Shelf Science, 2009, 83, 60-66.	0.9	149
139	Current status and historical trends of organochlorine pesticides in the ecosystem of Deep Bay, South China. Estuarine, Coastal and Shelf Science, 2009, 85, 265-272.	0.9	43
140	Transport and adsorption of antibiotics by marine sediments in a dynamic environment. Journal of Soils and Sediments, 2009, 9, 364-373.	1.5	80
141	Cadmium and Other Metal Uptake by Lobelia chinensis and Solanum nigrum from Contaminated Soils. Bulletin of Environmental Contamination and Toxicology, 2009, 83, 260-264.	1.3	39
142	Foliar application of two silica sols reduced cadmium accumulation in rice grains. Journal of Hazardous Materials, 2009, 161, 1466-1472.	6.5	149
143	A mosaic community of macrophytes for the ecological remediation of eutrophic shallow lakes. Ecological Engineering, 2009, 35, 582-590.	1.6	74
144	Seasonal Patterns and Current Sources of DDTs, Chlordanes, Hexachlorobenzene, and Endosulfan in the Atmosphere of 37 Chinese Cities. Environmental Science & Technology, 2009, 43, 1316-1321.	4.6	157

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145	Levels and Mass Burden of DDTs in Sediments from Fishing Harbors: The Importance of DDT-Containing Antifouling Paint to the Coastal Environment of China. Environmental Science & Technology, 2009, 43, 8033-8038.	4.6	136
146	Polycyclic aromatic hydrocarbon (PAH) deposition to and exchange at the airâ€“water interface of Luhu, an urban lake in Guangzhou, China. Environmental Pollution, 2009, 157, 273-279.	3.7	69
147	Allocation and source attribution of lead and cadmium in maize (Zea mays L.) impacted by smelting emissions. Environmental Pollution, 2009, 157, 834-839.	3.7	130
148	The influence of climate, hydrology and permafrost on Holocene peat accumulation at 3500m on the eastern Qinghaiâ€“Tibetan Plateau. Quaternary Science Reviews, 2009, 28, 3303-3314.	1.4	37
149	Comparing polybrominated diphenyl ethers (PBDEs) in airborne particles in Guangzhou and Hong Kong: sources, seasonal variations and inland outflow. Journal of Environmental Monitoring, 2009, 11, 1185.	2.1	31
150	Hot NTA Application Enhanced Metal Phytoextraction from Contaminated Soil. Water, Air, and Soil Pollution, 2008, 188, 127-137.	1.1	22
151	Root Exudates Increase Metal Accumulation in Mixed Cultures: Implications for Naturally Enhanced Phytoextraction. Water, Air, and Soil Pollution, 2008, 193, 147-154.	1.1	37
152	Copper Accumulation and Tolerance in Chrysanthemum coronarium L. and Sorghum sudanense L.. Archives of Environmental Contamination and Toxicology, 2008, 55, 238-246.	2.1	56
153	Manganese uptake and interactions with cadmium in the hyperaccumulatorâ€”Phytolacca Americana L.. Journal of Hazardous Materials, 2008, 154, 674-681.	6.5	129
154	HEATING TREATMENT SCHEMES FOR ENHANCING CHELANT-ASSISTED PHYTOEXTRACTION OF HEAVY METALS FROM CONTAMINATED SOILS. Environmental Toxicology and Chemistry, 2008, 27, 888.	2.2	15
155	Microbial diversity in polluted harbor sediments II: Sulfate-reducing bacterial community assessment using terminal restriction fragment length polymorphism and clone library of dsrAB gene. Estuarine, Coastal and Shelf Science, 2008, 76, 682-691.	0.9	36
156	Bioaccumulation of heavy metals by the aquatic plants Potamogeton pectinatus L. and Potamogeton malaianus Miq. and their potential use for contamination indicators and in wastewater treatment. Science of the Total Environment, 2008, 392, 22-29.	3.9	193
157	The spatial and temporal distribution of heavy metals in sediments of Victoria Harbour, Hong Kong. Marine Pollution Bulletin, 2008, 57, 816-825.	2.3	70
158	Levels and bioaccumulation of organochlorine pesticides (OCPs) and polybrominated diphenyl ethers (PBDEs) in fishes from the Pearl River estuary and Daya Bay, South China. Environmental Pollution, 2008, 152, 604-611.	3.7	138
159	The use of chelating agents in the remediation of metal-contaminated soils: A review. Environmental Pollution, 2008, 153, 3-13.	3.7	452
160	Tracking historical lead pollution in the coastal area adjacent to the Yangtze River Estuary using lead isotopic compositions. Environmental Pollution, 2008, 156, 1325-1331.	3.7	80
161	Seven Thousand Years of Records on the Mining and Utilization of Metals from Lake Sediments in Central China. Environmental Science & Technology, 2008, 42, 4732-4738.	4.6	84
162	Bioaccumulation of Heavy Metals by Wild Plants Growing on Copper Mine Spoils in China. Communications in Soil Science and Plant Analysis, 2008, 39, 315-328.	0.6	14

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163	Chapter 6 Sources and Occurrence of Persistent Organic Pollutants in the Pearl River Delta, South China. Developments in Environmental Science, 2007, 7, 289-311.	0.5	10
164	Occurrence and elimination of antibiotics at four sewage treatment plants in the Pearl River Delta (PRD), South China. Water Research, 2007, 41, 4526-4534.	5.3	535
165	Determination of selected antibiotics in the Victoria Harbour and the Pearl River, South China using high-performance liquid chromatography-electrospray ionization tandem mass spectrometry. Environmental Pollution, 2007, 145, 672-679.	3.7	440
166	Trace metal distribution in sediments of the Pearl River Estuary and the surrounding coastal area, South China. Environmental Pollution, 2007, 147, 311-323.	3.7	442
167	Passive air sampling of DDT, chlordane and HCB in the Pearl River Delta, South China: implications to regional sources. Journal of Environmental Monitoring, 2007, 9, 582.	2.1	68
168	Polycyclic aromatic hydrocarbons (PAHs) in the air of Chinese cities. Journal of Environmental Monitoring, 2007, 9, 1092.	2.1	27
169	Plant Uptake and the Leaching of Metals During the Hot Edds-Enhanced Phytoextraction Process. International Journal of Phytoremediation, 2007, 9, 181-196.	1.7	26
170	Distribution of Organochlorine Pesticides in the Northern South China Sea:Â Implications for Land Outflow and Airâ^'Sea Exchange. Environmental Science & Technology, 2007, 41, 3884-3890.	4.6	109
171	Heavy metals and Pb isotopic composition of aerosols in urban and suburban areas of Hong Kong and Guangzhou, South Chinaâ€"Evidence of the long-range transport of air contaminants. Atmospheric Environment, 2007, 41, 432-447.	1.9	216
172	Organochlorine pesticides in the atmosphere of Guangzhou and Hong Kong: Regional sources and long-range atmospheric transport. Atmospheric Environment, 2007, 41, 3889-3903.	1.9	180
173	Organochlorine pesticides, polybrominated biphenyl ethers and lead isotopes during the spring time at the Waliguan Baseline Observatory, northwest China: Implication for long-range atmospheric transport. Atmospheric Environment, 2007, 41, 4734-4747.	1.9	72
174	Spatial and temporal variations of mercury in sediments from Victoria Harbour, Hong Kong. Marine Pollution Bulletin, 2007, 54, 480-485.	2.3	39
175	Heavy metals in an impacted wetland system: A typical case from southwestern China. Science of the Total Environment, 2007, 387, 257-268.	3.9	69
176	BIODEGRADABLE CHELATING AGENT ETHYLENEDIAMINEDISUCCINIC ACID REDUCES UPTAKE OF COPPER THROUGH ALLEVIATION OF COPPER TOXICITY IN HYDROPONICALLY GROWN CHRYSANTHEMUM CORONARIUM L. Environmental Toxicology and Chemistry, 2007, 26, 749.	2.2	24
177	Accumulation and detoxification of cadmium in Brassica pekinensis and B. chinensis. Biologia Plantarum, 2007, 51, 116-120.	1.9	39
178	Source seasonality of polycyclic aromatic hydrocarbons (PAHs) in a subtropical city, Guangzhou, South China. Science of the Total Environment, 2006, 355, 145-155.	3.9	286
179	The Role of Root Damage in the Chelate-Enhanced Accumulation of Lead by Indian Mustard Plants. International Journal of Phytoremediation, 2006, 8, 323-337.	1.7	31
180	Vegetation Composition and Heavy Metal Uptake by Wild Plants at Three Contaminated Sites in Xiangxi Area, China. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2006, 41, 65-76.	0.9	67

#	Article	IF	Citations
181	EDDS and EDTA-enhanced phytoextraction of metals from artificially contaminated soil and residual effects of chelant compounds. Environmental Pollution, 2006, 144, 862-871.	3.7	133
182	Enhanced phytoextraction of Pb and other metals from artificially contaminated soils through the combined application of EDTA and EDDS. Chemosphere, 2006, 63, 1773-1784.	4.2	96
183	Urban environmental geochemistry of trace metals. Environmental Pollution, 2006, 142, 1-16.	3.7	505
184	A novel strategy using biodegradable EDDS for the chemically enhanced phytoextraction of soils contaminated with heavy metals. Plant and Soil, 2006, 285, 67-80.	1.8	41
185	Heavy Metal Contamination and Distribution in the Urban Environment of Guangzhou, SE China. Environmental Geochemistry and Health, 2006, 28, 375-391.	1.8	162
186	Uptake of Cadmium by Different Cultivars of Brassica pekinens (Lour.) Rupr. and Brassica chinensis L. and Their Potential for Phytoremediation. Bulletin of Environmental Contamination and Toxicology, 2006, 76, 732-739.	1.3	32
187	Distribution of cadmium, chromium, copper, lead and zinc in marine sediments in Hong Kong waters. Environmental Geology, 2006, 51, 455-461.	1.2	25
188	Six thousand years of records of metal mining and utilization from lake sediments in central China. Diqiu Huaxue, 2006, 25, 20-20.	0.5	0
189	Lead isotope and trace metal characteristics of particulates accumulated on vehicular tunnel ceilings in Hong Kong and Guangzhou, SE China. Diqiu Huaxue, 2006, 25, 75-75.	0.5	1
190	A novel strategy using biodegradable EDDS for the chemically enhanced phytoextraction of soils contaminated with heavy metals. Diqiu Huaxue, 2006, 25, 115-115.	0.5	1
191	Heavy metal concentrations and Pb isotopic composition in urban and suburban aerosols of Hong Kong and Guangzhou, South Chinaâ€"Evidence of the long-range transport of air contaminants. Diqiu Huaxue, 2006, 25, 123-124.	0.5	3
192	Trace metals in particulate and dissolved phases in Victoria Harbour, Hong Kong. Diqiu Huaxue, 2006, 25, 159-159.	0.5	0
193	Assessment of marine pollution in Daya Bay, South China: Nutrients, heavy metals and persistent organic pollutants. Diqiu Huaxue, 2006, 25, 166-166.	0.5	0
194	Sediment records of persistent organic pollutants (POPs) in relation to regional economic development: A comparison study in both Pearl River Delta and Yangtze River Delta, China. Diqiu Huaxue, 2006, 25, 188-189.	0.5	2
195	Organochlorine pesticides in eco-geochemical survey, China. Diqiu Huaxue, 2006, 25, 213-213.	0.5	0
196	Enhanced phytoextraction of Pb and other metals from artificially contaminated soils through the combined application of EDTA and EDDS. Diqiu Huaxue, 2006, 25, 253-253.	0.5	0
197	Resting stages of Tortanus forcipatus (Crustacea, Calanoida) in sediments of Victoria Harbor, Hong Kong. Estuarine, Coastal and Shelf Science, 2006, 67, 562-568.	0.9	25
198	Spatial distribution and seasonal variations of polycyclic aromatic hydrocarbons (PAHs) using semi-permeable membrane devices (SPMD) and pine needles in the Pearl River Delta, South China. Atmospheric Environment, 2006, 40, 3134-3143.	1.9	46

#	Article	IF	Citations
199	Metal contamination in urban, suburban, and country park soils of Hong Kong: A study based on GIS and multivariate statistics. Science of the Total Environment, 2006, 356, 45-61.	3.9	887
200	Concentrations, enantiomeric compositions, and sources of HCH, DDT and chlordane in soils from the Pearl River Delta, South China. Science of the Total Environment, 2006, 372, 215-224.	3.9	259
201	Biomonitoring of trace metals in the atmosphere using moss (Hypnum plumaeforme) in the Nanling Mountains and the Pearl River Delta, Southern China. Atmospheric Environment, 2005, 39, 397-407.	1.9	70
202	Compositional fractionation of polycyclic aromatic hydrocarbons (PAHs) in mosses (Hypnum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Environment, 2005, 39, 5490-5499.	1.9	95
203	Sedimentary record of polycyclic aromatic hydrocarbons in a sediment core from the Pearl River Estuary, South China. Marine Pollution Bulletin, 2005, 51, 912-921.	2.3	145
204	Adaptive Copper Tolerance in Elsholtzia haichowensis Involves Production of Cu-induced Thiol Peptides. Plant Growth Regulation, 2005, 47, 65-73.	1.8	32
205	The Holocene Asian Monsoon: Links to Solar Changes and North Atlantic Climate. Science, 2005, 308, 854-857.	6.0	2,115
206	Enhanced phytoextraction of Cu, Pb, Zn and Cd with EDTA and EDDS. Chemosphere, 2005, 59, 1-11.	4.2	417
207	Acid volatile sulfide and simultaneously extracted metals in the sediment cores of the Pearl River Estuary, South China. Ecotoxicology and Environmental Safety, 2005, 61, 420-431.	2.9	100
208	Heavy metal and Pb isotopic compositions of aquatic organisms in the Pearl River Estuary, South China. Environmental Pollution, 2005, 138, 494-504.	3.7	165
209	The formation mechanisms of turbidity maximum in the Pearl River estuary, China. Marine Pollution Bulletin, 2004, 48, 441-448.	2.3	82
210	The copper tolerance mechanisms of Elsholtzia haichowensis, a plant from copper-enriched soils. Environmental and Experimental Botany, 2004, 51, 111-120.	2.0	142
211	Biodegradation kinetics of phthalate esters by Pseudomonas fluoresences FS1. Process Biochemistry, 2004, 39, 1125-1129.	1.8	110
212	Leaching and uptake of heavy metals by ten different species of plants during an EDTA-assisted phytoextraction process. Chemosphere, 2004, 57, 187-196.	4.2	188
213	Metal partitioning in river sediments measured by sequential extraction and biomimetic approaches. Chemosphere, 2004, 57, 839-851.	4.2	78
214	The study of metal contamination in urban soils of Hong Kong using a GIS-based approach. Environmental Pollution, 2004, 129, 113-124.	3.7	408
215	Over one hundred years of trace metal fluxes in the sediments of the Pearl River Estuary, South China. Environmental Pollution, 2004, 132, 157-172.	3.7	148
216	The use of vetiver grass (Vetiveria zizanioides) in the phytoremediation of soils contaminated with heavy metals. Applied Geochemistry, 2004, 19, 1553-1565.	1.4	253

#	Article	IF	Citations
217	Pb contamination and isotopic composition of urban soils in Hong Kong. Science of the Total Environment, 2004, 319, 185-195.	3.9	120
218	Lead contamination and isotope signatures in the urban environment of Hong Kong. Environment International, 2004, 30, 209-217.	4.8	75
219	Atmospheric deposition of heavy metals in the Pearl River Delta, China. Atmospheric Environment, 2003, 37, 767-776.	1.9	258
220	Waste reduction and recycling strategies for the in-flight services in the airline industry. Resources, Conservation and Recycling, 2003, 37, 87-99.	5.3	35
221	Multivariate statistical study of heavy metal enrichment in sediments of the Pearl River Estuary. Environmental Pollution, 2003, 121, 377-388.	3.7	354
222	Analysis of Heavy Metal Contaminated Soils. Practice Periodical of Hazardous, Toxic and Radioactive Waste Management, 2003, 7, 12-18.	0.4	8
223	Lead Phytoextraction from Contaminated Soil with Highâ€Biomass Plant Species. Journal of Environmental Quality, 2002, 31, 1893-1900.	1.0	275
224	Butyltins in sediments and biota from the Pearl River Delta, South China. Chemical Speciation and Bioavailability, 2002, 14, 35-42.	2.0	14
225	Sedimentary Records of DDT and HCH in the Pearl River Delta, South China. Environmental Science & Technology, 2002, 36, 3671-3677.	4.6	327
226	Heavy metals in agricultural soils of the Pearl River Delta, South China. Environmental Pollution, 2002, 119, 33-44.	3.7	588
227	Cu, Ni, and Pb speciation in surface sediments from a contaminated bay of northern China. Marine Pollution Bulletin, 2002, 44, 820-826.	2.3	63
228	Cyclic organosilicon compounds in ambient air in Guangzhou, Macau and Nanhai, Pearl River Delta. Applied Geochemistry, 2001, 16, 1447-1454.	1.4	39
229	Heavy metal contamination of urban soils and street dusts in Hong Kong. Applied Geochemistry, 2001, 16, 1361-1368.	1.4	872
230	Chemical partitioning of trace and major elements in soils contaminated by mining and smelting activities. Applied Geochemistry, 2001, 16, 1693-1706.	1.4	313
231	Comment on â€œLeaching Microstructural Analysis of Cement-Based Solidified Wastesâ€• Environmental Science & Technology, 2001, 35, 4394-4394.	4.6	4
232	Response to â€˜Comment on â€œLeaching and Microstructural Analysis of Cement-Based Solidified Wastesâ€•. Environmental Science & Technology, 2001, 35, 4395-4395.	4.6	0
233	Study of zinc in cementitious material stabilised/solidified wastes by sequential chemical extraction and microstructural analysis. Chemical Speciation and Bioavailability, 2001, 13, 1-7.	2.0	23
234	Distribution of Organochlorine Pesticides in a Sediment Profile of the Pearl River Estuary. Bulletin of Environmental Contamination and Toxicology, 2001, 67, 871-880.	1.3	19

#	Article	IF	Citations
235	Heavy metal speciation and leaching behaviors in cement based solidified/stabilized waste materials. Journal of Hazardous Materials, 2001, 82, 215-230.	6.5	318
236	Chemical Forms of Pb, Zn and Cu in the Sediment Profiles of the Pearl River Estuary. Marine Pollution Bulletin, 2001, 42, 215-223.	2.3	286
237	A Study of the Implementation of ISO 14001 Environmental Management Systems in Hong Kong. Journal of Environmental Planning and Management, 2001, 44, 589-601.	2.4	35
238	Geographical variations of trace elements in sediments of the major rivers in eastern China. Environmental Geology, 2000, 39, 1334-1340.	1.2	55
239	Comparison of Elemental Composition and Solubility in the Zinc Hyperaccumulator Thlaspi caerulescens with the Non-Hyperaccumulator Thlaspi ochroleucum. Bulletin of Environmental Contamination and Toxicology, 2000, 65, 343-350.	1.3	2
240	Effect of cadmium on autoxidation rate of tissue and inducing accumulation of free proline in seedlings of mung bean. Journal of Plant Nutrition, 2000, 23, 357-368.	0.9	22
241	Chemical partitioning of heavy metal contaminants in sediments of the Pearl River Estuary. Chemical Speciation and Bioavailability, 2000, 12, 17-25.	2.0	94
242	Heavy metal distribution in sediment profiles of the Pearl River estuary, South China. Applied Geochemistry, 2000, 15, 567-581.	1.4	320
243	Leaching and Microstructural Analysis of Cement-Based Solidified Wastes. Environmental Science & Technology, 2000, 34, 5038-5042.	4.6	39
244	Indoor Air Quality Investigation on Commercial Aircraft. Indoor Air, 1999, 9, 180-187.	2.0	63
245	Sequential extraction of soils for multielement analysis by ICP-AES. Chemical Geology, 1995, 124, 109-123.	1.4	297
246	Chemical partitioning of the new National Institute of Standards and Technology standard reference materials (SRM 2709â€“2711) by sequential extraction using inductively coupled plasma atomic emission spectrometry. Analyst, The, 1995, 120, 1415-1419.	1.7	70
247	Partitioning the heavy metals in soils contaminated by past mining and smelting activities. Environmental Geochemistry and Health, 1994, 16, 93-93.	1.8	1
248	Arsenic, antimony and bismuth in soil and pasture herbage in some old metalliferous mining areas in England. Environmental Geochemistry and Health, 1993, 15, 135-144.	1.8	93
249	Multi-element contamination of soils and plants in old mining areas, U.K.. Applied Geochemistry, 1993, 8, 51-56.	1.4	61