Xiangdong Li

List of Publications by Year in descending order

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Version: 2024-02-01

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	The Holocene Asian Monsoon: Links to Solar Changes and North Atlantic Climate. Science, 2005, 308, 854-857.	6.0	2,115
2	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
3	Heavy metal contamination of urban soils and street dusts in Hong Kong. Applied Geochemistry, 2001, 16, 1361-1368.	1.4	872
4	Heavy metals in agricultural soils of the Pearl River Delta, South China. Environmental Pollution, 2002, 119, 33-44.	3.7	588
5	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
6	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
7	Urban environmental geochemistry of trace metals. Environmental Pollution, 2006, 142, 1-16.	3.7	505
8	The use of chelating agents in the remediation of metal-contaminated soils: A review. Environmental Pollution, 2008, 153, 3-13.	3.7	452
9	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
10	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
11	Enhanced phytoextraction of Cu, Pb, Zn and Cd with EDTA and EDDS. Chemosphere, 2005, 59, 1-11.	4.2	417
12	Trace metal contamination in urban soils of China. Science of the Total Environment, 2012, 421-422, 17-30.	3.9	417
13	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
14	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
15	Multivariate statistical study of heavy metal enrichment in sediments of the Pearl River Estuary. Environmental Pollution, 2003, 121, 377-388.	3.7	354
16	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
17	Sedimentary Records of DDT and HCH in the Pearl River Delta, South China. Environmental Science & Technology, 2002, 36, 3671-3677.	4.6	327
18	Heavy metal distribution in sediment profiles of the Pearl River estuary, South China. Applied Geochemistry, 2000, 15, 567-581.	1.4	320

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19	Heavy metal speciation and leaching behaviors in cement based solidified/stabilized waste materials. Journal of Hazardous Materials, 2001, 82, 215-230.	6.5	318
20	Chemical partitioning of trace and major elements in soils contaminated by mining and smelting activities. Applied Geochemistry, 2001, 16, 1693-1706.	1.4	313
21	Sequential extraction of soils for multielement analysis by ICP-AES. Chemical Geology, 1995, 124, 109-123.	1.4	297
22	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
23	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
24	Lead Phytoextraction from Contaminated Soil with Highâ€Biomass Plant Species. Journal of Environmental Quality, 2002, 31, 1893-1900.	1.0	275
25	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
26	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
27	Atmospheric deposition of heavy metals in the Pearl River Delta, China. Atmospheric Environment, 2003, 37, 767-776.	1.9	258
28	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
29	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
30	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
31	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
32	Toward a Comprehensive Strategy to Mitigate Dissemination of Environmental Sources of Antibiotic Resistance. Environmental Science & Technology, 2017, 51, 13061-13069.	4.6	236
33	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
34	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
35	Arsenic contamination and potential health risk implications at an abandoned tungsten mine, southern China. Environmental Pollution, 2010, 158, 820-826.	3.7	208
36	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

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37	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
38	Differentiating anthropogenic impacts on ARGs in the Pearl River Estuary by using suitable gene indicators. Water Research, 2013, 47, 2811-2820.	5.3	182
39	Air pollution: a global problem needs local fixes. Nature, 2019, 570, 437-439.	13.7	181
40	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
41	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
42	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
43	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
44	Heavy Metal Contamination and Distribution in the Urban Environment of Guangzhou, SE China. Environmental Geochemistry and Health, 2006, 28, 375-391.	1.8	162
45	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
46	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
47	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
48	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
49	Foliar application of two silica sols reduced cadmium accumulation in rice grains. Journal of Hazardous Materials, 2009, 161, 1466-1472.	6.5	149
50	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
51	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
52	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
53	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
54	Atmospheric wet deposition of trace elements to central Tibetan Plateau. Applied Geochemistry, 2010, 25, 1415-1421.	1.4	143

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55	Antibiotics in the agricultural soils from the Yangtze River Delta, China. Chemosphere, 2017, 189, 301-308.	4.2	143
56	The copper tolerance mechanisms of Elsholtzia haichowensis, a plant from copper-enriched soils. Environmental and Experimental Botany, 2004, 51, 111-120.	2.0	142
57	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
58	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
59	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
60	The mobility, bioavailability, and human bioaccessibility of trace metals in urban soils of Hong Kong. Applied Geochemistry, 2012, 27, 995-1004.	1.4	132
61	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
62	Manganese uptake and interactions with cadmium in the hyperaccumulatorâ€”Phytolacca Americana L.. Journal of Hazardous Materials, 2008, 154, 674-681.	6.5	129
63	Pb contamination and isotopic composition of urban soils in Hong Kong. Science of the Total Environment, 2004, 319, 185-195.	3.9	120
64	Arsenic-containing soil from geogenic source in Hong Kong: Leaching characteristics and stabilization/solidification. Chemosphere, 2017, 182, 31-39.	4.2	117
65	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
66	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
67	Biodegradation kinetics of phthalate esters by Pseudomonas fluoresences FS1. Process Biochemistry, 2004, 39, 1125-1129.	1.8	110
68	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
69	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
70	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
71	Surface-modified biochar in a bioretention system for Escherichia coli removal from stormwater. Chemosphere, 2017, 169, 89-98.	4.2	107
72	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

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73	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
74	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
75	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
76	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
77	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
78	Compositional fractionation of polycyclic aromatic hydrocarbons (PAHs) in mosses (Hypnum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Environment, 2005, 39, 5490-5499.	1.9	95
79	Chemical partitioning of heavy metal contaminants in sediments of the Pearl River Estuary. Chemical Speciation and Bioavailability, 2000, 12, 17-25.	2.0	94
80	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
81	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
82	Nanoscale zero-valent iron for metal/metalloid removal from model hydraulic fracturing wastewater. Chemosphere, 2017, 176, 315-323.	4.2	93
83	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
84	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
85	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
86	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
87	Speciation, mobilization, and bioaccessibility of arsenic in geogenic soil profile from Hong Kong. Environmental Pollution, 2018, 232, 375-384.	3.7	83
88	The formation mechanisms of turbidity maximum in the Pearl River estuary, China. Marine Pollution Bulletin, 2004, 48, 441-448.	2.3	82
89	Trace elements and lead isotopic composition of PM10 in Lhasa, Tibet. Atmospheric Environment, 2011, 45, 6210-6215.	1.9	82
90	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

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91	Transport and adsorption of antibiotics by marine sediments in a dynamic environment. Journal of Soils and Sediments, 2009, 9, 364-373.	1.5	80
92	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
93	Metal partitioning in river sediments measured by sequential extraction and biomimetic approaches. Chemosphere, 2004, 57, 839-851.	4.2	78
94	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
95	Lead contamination and isotope signatures in the urban environment of Hong Kong. Environment International, 2004, 30, 209-217.	4.8	75
96	A mosaic community of macrophytes for the ecological remediation of eutrophic shallow lakes. Ecological Engineering, 2009, 35, 582-590.	1.6	74
97	Trends and advances in mercury stable isotopes as a geochemical tracer. Trends in Environmental Analytical Chemistry, 2014, 2, 1-10.	5.3	74
98	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
99	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
100	Speciation and leaching of trace metal contaminants from e-waste contaminated soils. Journal of Hazardous Materials, 2017, 329, 150-158.	6.5	72
101	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
102	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
103	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
104	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
105	Municipal Solid Waste Treatment System Increases Ambient Airborne Bacteria and Antibiotic Resistance Genes. Environmental Science & Technology, 2020, 54, 3900-3908.	4.6	70
106	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
107	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
108	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

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109	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
110	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
111	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
112	Indoor Air Quality Investigation on Commercial Aircraft. Indoor Air, 1999, 9, 180-187.	2.0	63
113	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
114	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
115	Impact of anthropogenic emissions and open biomass burning on regional carbonaceous aerosols in South China. Environmental Pollution, 2010, 158, 3392-3400.	3.7	62
116	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
117	Multi-element contamination of soils and plants in old mining areas, U.K.. Applied Geochemistry, 1993, 8, 51-56.	1.4	61
118	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
119	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
120	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
121	Toxic potency-adjusted control of air pollution for solid fuel combustion. Nature Energy, 2022, 7, 194-202.	19.8	59
122	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
123	Molecular markers of biomass burning, fungal spores and biogenic SOA in the Taklimakan desert aerosols. Atmospheric Environment, 2016, 130, 64-73.	1.9	57
124	Antibiotic resistance genes (ARGs) in agricultural soils from the Yangtze River Delta, China. Science of the Total Environment, 2020, 740, 140001.	3.9	57
125	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
126	The effect of nitrate concentration on sulfide-driven autotrophic denitrification in marine sediment. Chemosphere, 2011, 83, 1-6.	4.2	56

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127	Geographical variations of trace elements in sediments of the major rivers in eastern China. Environmental Geology, 2000, 39, 1334-1340.	1.2	55
128	Atmospheric deposition of lead in remote high mountain of eastern Tibetan Plateau, China. Atmospheric Environment, 2014, 99, 425-435.	1.9	55
129	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
130	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
131	Health risk-oriented source apportionment of PM2.5-associated trace metals. Environmental Pollution, 2020, 262, 114655.	3.7	52
132	Anomalous fractionation of mercury isotopes in the Late Archean atmosphere. Nature Communications, 2020, 11, 1709.	5.8	52
133	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
134	Metal leaching along soil profiles after the EDDS application â€“ A field study. Environmental Pollution, 2012, 164, 204-210.	3.7	50
135	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
136	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
137	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
138	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
139	Distribution of mercury in coastal marine sediments of China: Sources and transport. Marine Pollution Bulletin, 2014, 88, 347-353.	2.3	45
140	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
141	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
142	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
143	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
144	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

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145	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
146	Leaching and Microstructural Analysis of Cement-Based Solidified Wastes. Environmental Science & Technology, 2000, 34, 5038-5042.	4.6	39
147	Cyclic organosilicon compounds in ambient air in Guangzhou, Macau and Nanhai, Pearl River Delta. Applied Geochemistry, 2001, 16, 1447-1454.	1.4	39
148	Spatial and temporal variations of mercury in sediments from Victoria Harbour, Hong Kong. Marine Pollution Bulletin, 2007, 54, 480-485.	2.3	39
149	Accumulation and detoxification of cadmium in Brassica pekinensis and B. chinensis. Biologia Plantarum, 2007, 51, 116-120.	1.9	39
150	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
151	Inhalable antibiotic resistomes emitted from hospitals: metagenomic insights into bacterial hosts, clinical relevance, and environmental risks. Microbiome, 2022, 10, 19.	4.9	39
152	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
153	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
154	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
155	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
156	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
157	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
158	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
159	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
160	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
161	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
162	Historical Records of Mercury Stable Isotopes in Sediments of Tibetan Lakes. Scientific Reports, 2016, 6, 23332.	1.6	35

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163	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
164	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
165	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
166	Zero-valent iron for the abatement of arsenate and selenate from flowback water of hydraulic fracturing. Chemosphere, 2017, 167, 163-170.	4.2	33
167	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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