

Bi-Xian Mai

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

221
papers

7,066
citations

43
h-index

73
g-index

228
ext. papers

8,476
ext. citations

8.9
avg, IF

6.08
L-index

#	Paper	IF	Citations
221	Changes in levels of legacy and emerging organophosphorus flame retardants and plasticizers in indoor dust from a former e-waste recycling area in South China: 2013-2017.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	
220	PM-bound phthalates and phthalate substitutes in a megacity of southern China: spatioseasonal variations, source apportionment, and risk assessment.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	0
219	Occurrence and Distribution of Persistent Organic Pollutants (POPs) in Amphibian Species: Implications from Biomagnification Factors Based on Quantitative Fatty Acid Signature Analysis.. <i>Environmental Science & Technology</i> , 2022 ,	10.3	3
218	Spatiotemporal distribution, partitioning behavior and flux of per- and polyfluoroalkyl substances in surface water and sediment from Poyang Lake, China.. <i>Chemosphere</i> , 2022 , 133855	8.4	2
217	Insight into phototransformation mechanism and toxicity evolution of novel and legacy brominated flame retardants in water: A comparative analysis.. <i>Water Research</i> , 2022 , 211, 118041	12.5	0
216	Sex- and size-dependent accumulation of Dechlorane Plus flame retardant in a wild frog-eating snake <i>Amphispma stolata</i> .. <i>Environmental Pollution</i> , 2022 , 297, 118793	9.3	
215	Changes in human hair levels of organic contaminants reflecting China's regulations on electronic waste recycling. <i>Science of the Total Environment</i> , 2022 , 806, 150411	10.2	0
214	High-performance nontarget analysis of halogenated organic compounds in tap water, fly ash, soil and sediment using ultrahigh resolution mass spectrometry and scripting approaches based on Cl/Br-specific search algorithms.. <i>Analytica Chimica Acta</i> , 2022 , 1204, 339618	6.6	1
213	Trophic transfer of methylmercury and brominated flame retardants in adjacent riparian and aquatic food webs: C indicates biotransport of contaminants through food webs.. <i>Environmental Pollution</i> , 2022 , 119433	9.3	0
212	Investigation into Polycyclic Aromatic Hydrocarbons in Sediments of Wei River Basin. <i>Water, Air, and Soil Pollution</i> , 2021 , 232, 1	2.6	1
211	Bioaccumulation and translocation of organophosphate esters in a Mangrove Nature Reserve from the Pearl River Estuary, South China. <i>Journal of Hazardous Materials</i> , 2021 , 427, 127909	12.8	2
210	Bioaccumulation and maternal transfer of two understudied DDT metabolites in wild fish species. <i>Science of the Total Environment</i> , 2021 , 151814	10.2	0
209	Semi-volatile organic compounds in fine particulate matter on a tropical island in the South China Sea.. <i>Journal of Hazardous Materials</i> , 2021 , 426, 128071	12.8	0
208	Halogenated flame retardants in surface sediments from fourteen estuaries, South China. <i>Marine Pollution Bulletin</i> , 2021 , 164, 112099	6.7	3
207	Spatial Distribution, Bioconversion and Ecological Risk of PCBs and PBDEs in the Surface Sediment of Contaminated Urban Rivers: A Nationwide Study in China. <i>Environmental Science & Technology</i> , 2021 , 55, 9579-9590	10.3	3
206	Characterization of airborne particles and cytotoxicity to a human lung cancer cell line in Guangzhou, China. <i>Environmental Research</i> , 2021 , 196, 110953	7.9	3
205	Mechanistic Aspects Regarding the Ultraviolet Degradation of Polychlorinated Biphenyls in Different Media: Insights from Carbon and Chlorine Isotope Fractionation. <i>Environmental Science & Technology</i> , 2021 , 55, 7731-7740	10.3	6

204	Investigating the spatial distribution of polychlorinated biphenyls in sediment in the Pearl River Delta, South China. <i>Environmental Monitoring and Assessment</i> , 2021 , 193, 321	3.1	1
203	Effects of carbonaceous materials and particle size on oral and inhalation bioaccessibility of PAHs and OPEs in airborne particles. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 62133-62141	5.1	2
202	Determination of tetrabromobisphenol-A/S and their eight derivatives in abiotic (soil/dust) samples using ultra-high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2021 , 1647, 462152	4.5	3
201	Levels, Spatial Distribution, and Impact Factors of Heavy Metals in the Hair of Metropolitan Residents in China and Human Health Implications. <i>Environmental Science & Technology</i> , 2021 , 55, 10578-10588	10.3	3
200	Tris (1,3-dichloro-2-propyl) phosphate exposure disrupts the gut microbiome and its associated metabolites in mice. <i>Environment International</i> , 2021 , 146, 106256	12.9	1
199	Pollution of plastic debris and halogenated flame retardants (HFRs) in soil from an abandoned e-waste recycling site: Do plastics contribute to (HFRs) in soil?. <i>Journal of Hazardous Materials</i> , 2021 , 410, 124649	12.8	11
198	Comprehensive exploration of the ultraviolet degradation of polychlorinated biphenyls in different media. <i>Science of the Total Environment</i> , 2021 , 755, 142590	10.2	6
197	Tetrabromobisphenol A and hexabromocyclododecanes in sediments and biota from two typical mangrove wetlands of South China: Distribution, bioaccumulation and biomagnification. <i>Science of the Total Environment</i> , 2021 , 750, 141695	10.2	15
196	Observable carbon isotope fractionation in the photodegradation of polybrominated diphenyl ethers by simulated sunlight. <i>Chemosphere</i> , 2021 , 266, 128950	8.4	4
195	Effect of laying sequence and selection of maternal tissues in assessment of maternal transfer of organohalogenated contaminants during chicken egg formation: A pilot study. <i>Environmental Pollution</i> , 2021 , 270, 116157	9.3	2
194	Brominated and phosphate flame retardants from interior and surface dust of personal computers: insights into sources for human dermal exposure. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 12566-12575	5.1	5
193	Brominated flame retardants (BFRs) in PM associated with various source sectors in southern China. <i>Environmental Sciences: Processes and Impacts</i> , 2021 , 23, 179-187	4.3	3
192	Bioaccumulation of legacy and emerging organophosphorus flame retardants and plasticizers in insects during metamorphosis. <i>Journal of Hazardous Materials</i> , 2021 , 406, 124688	12.8	4
191	Halogenated flame retardants in wild, prey-sized mud carp from an e-waste recycling site in South China, 2006-2016: Residue dynamics and ecological risk assessment. <i>Environmental Pollution</i> , 2021 , 291, 118270	9.3	1
190	Traditional and novel organophosphate esters (OPEs) in PM of a megacity, southern China: Spatioseasonal variations, sources, and influencing factors. <i>Environmental Pollution</i> , 2021 , 284, 117208	9.3	2
189	Occurrence and distribution of antibiotics in sediments from black-odor ditches in urban areas from China. <i>Science of the Total Environment</i> , 2021 , 787, 147554	10.2	5
188	Legacy and alternative plasticizers in surface sediment of black-odorous urban rivers across China: Occurrence, spatial distribution, and ecological risk assessment. <i>Chemosphere</i> , 2021 , 283, 131206	8.4	5
187	Environmental occurrence and remediation of emerging organohalides: A review. <i>Environmental Pollution</i> , 2021 , 290, 118060	9.3	5

186	Tracing the sources and microbial degradation of PCBs in field sediments by a multiple-line-of-evidence approach including compound-specific stable isotope analysis. <i>Water Research</i> , 2020 , 182, 115977	12.5	10
185	Organohalide-Respiring Bacteria in Polluted Urban Rivers Employ Novel Bifunctional Reductive Dehalogenases to Dechlorinate Polychlorinated Biphenyls and Tetrachloroethene. <i>Environmental Science & Technology</i> , 2020 , 54, 8791-8800	10.3	19
184	Leaching of brominated flame retardants (BFRs) from BFRs-incorporated plastics in digestive fluids and the influence of bird diets. <i>Journal of Hazardous Materials</i> , 2020 , 393, 122397	12.8	19
183	Bioaccumulation and human health risk assessment of DDT and its metabolites (DDTs) in yellowfin tuna (<i>Thunnus albacares</i>) and their prey from the South China Sea. <i>Marine Pollution Bulletin</i> , 2020 , 158, 111396	6.7	8
182	Bioaccumulation and trophic transfer of organophosphate esters in tropical marine food web, South China Sea. <i>Environment International</i> , 2020 , 143, 105919	12.9	17
181	Organophosphate esters and their specific metabolites in chicken eggs from across Australia: Occurrence, profile, and distribution between yolk and albumin fractions. <i>Environmental Pollution</i> , 2020 , 262, 114260	9.3	9
180	Polybrominated diphenyl ethers and alternative halogenated flame retardants in mangrove plants from Futian National Nature Reserve of Shenzhen City, South China. <i>Environmental Pollution</i> , 2020 , 260, 114087	9.3	17
179	Evidence for complex sources of persistent halogenated compounds in birds from the south China sea. <i>Environmental Research</i> , 2020 , 185, 109462	7.9	0
178	Species-specific biomagnification and habitat-dependent trophic transfer of halogenated organic pollutants in insect-dominated food webs from an e-waste recycling site. <i>Environment International</i> , 2020 , 138, 105674	12.9	11
177	Uptake of halogenated organic compounds (HOCs) into peanut and corn during the whole life cycle grown in an agricultural field. <i>Environmental Pollution</i> , 2020 , 263, 114400	9.3	11
176	Geographical distribution and risk assessment of dichlorodiphenyltrichloroethane and its metabolites in <i>Perna viridis</i> mussels from the northern coast of the South China Sea. <i>Marine Pollution Bulletin</i> , 2020 , 151, 110819	6.7	6
175	Short- and medium-chain chlorinated paraffins in aquatic organisms from an e-waste site: Biomagnification and maternal transfer. <i>Science of the Total Environment</i> , 2020 , 708, 134840	10.2	4
174	Insights into biomonitoring of human exposure to polycyclic aromatic hydrocarbons with hair analysis: A case study in e-waste recycling area. <i>Environment International</i> , 2020 , 136, 105432	12.9	14
173	Contaminant-related oxidative distress in common kingfisher (<i>Alcedo atthis</i>) breeding at an e-waste site in South China. <i>Environmental Research</i> , 2020 , 182, 109079	7.9	3
172	Occurrence of organic pollutants in plastics on beach: Stranded foams can be sources of pollutants in islands. <i>Science of the Total Environment</i> , 2020 , 707, 136119	10.2	8
171	Alternative halogenated flame retardants (AHFRs) in green mussels from the south China sea. <i>Environmental Research</i> , 2020 , 182, 109082	7.9	5
170	Organophosphate esters (OPEs) in fine particulate matter (PM) in urban, e-waste, and background regions of South China. <i>Journal of Hazardous Materials</i> , 2020 , 385, 121583	12.8	15
169	Bioaccumulation characteristics of PBDEs and alternative brominated flame retardants in a wild frog-eating snake. <i>Environmental Pollution</i> , 2020 , 258, 113661	9.3	9

168	Antibiotics and Food Safety in Aquaculture. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 11908-11919	64
167	PCDD/Fs in paired hair and serum of workers from a municipal solid waste incinerator plant in South China: Concentrations, correlations, and source identification. <i>Environment International</i> , 2020 , 144, 106064	12.9 8
166	One-year characterization of organic aerosol markers in urban Beijing: Seasonal variation and spatiotemporal comparison. <i>Science of the Total Environment</i> , 2020 , 743, 140689	10.2 4
165	Chlorine and Bromine Isotope Analysis of Polychlorinated Biphenyls and Polybrominated Diphenyl Ethers Using Gas Chromatography-Quadrupole Mass Spectrometry. <i>Journal of Chromatography A</i> , 2020 , 1634, 461715	4.5 5
164	Legacy and emerging organophosphorus flame retardants and plasticizers in indoor microenvironments from Guangzhou, South China. <i>Environment International</i> , 2020 , 143, 105972	12.9 10
163	Legacy and emerging organophosphorus flame retardants and plasticizers in frogs: Sex difference and parental transfer. <i>Environmental Pollution</i> , 2020 , 266, 115336	9.3 5
162	Trophic Magnification of Short- and Medium-Chain Chlorinated Paraffins in Terrestrial Food Webs and Their Bioamplification in Insects and Amphibians during Metamorphosis. <i>Environmental Science & Technology</i> , 2020 , 54, 11282-11291	10.3 5
161	Bioaccumulation and biomagnification of hexabromocyclododecane (HBCDD) in insect-dominated food webs from a former e-waste recycling site in South China. <i>Chemosphere</i> , 2020 , 240, 124813	8.4 5
160	Occurrence and congener profiles of polybrominated diphenyl ethers in green mussels (<i>Perna viridis</i>) collected from northern South China Sea and the associated potential health risk. <i>Science of the Total Environment</i> , 2020 , 698, 134276	10.2 7
159	Bioaccumulation of short-chain chlorinated paraffins in chicken (<i>Gallus domesticus</i>): Comparison to fish. <i>Journal of Hazardous Materials</i> , 2020 , 396, 122590	12.8 11
158	Sex-Specific Bioamplification of Halogenated Organic Pollutants during Silkworm () Metamorphosis and Their Adverse Effects on Silkworm Development. <i>Environmental Science & Technology</i> , 2020 , 54, 8167-8176	10.3 1
157	Simultaneous Determination of Multiple Classes of Phenolic Compounds in Human Urine: Insight into Metabolic Biomarkers of Occupational Exposure to E-Waste. <i>Environmental Science and Technology Letters</i> , 2020 , 7, 323-329	11 13
156	Organophosphorus flame retardants in a typical freshwater food web: Bioaccumulation factors, tissue distribution, and trophic transfer. <i>Environmental Pollution</i> , 2019 , 255, 113286	9.3 23
155	Simultaneous determination of legacy and emerging organophosphorus flame retardants and plasticizers in indoor dust using liquid and gas chromatography-tandem mass spectrometry: method development, validation, and application. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 7015-7025	4.4 14
154	Plastic debris in marine birds from an island located in the South China Sea. <i>Marine Pollution Bulletin</i> , 2019 , 149, 110566	6.7 15
153	Contamination of organohalogen chemicals and hepatic steatosis in common kingfisher (<i>Alcedo atthis</i>) breeding at a nature reserve near e-waste recycling sites in South China. <i>Science of the Total Environment</i> , 2019 , 659, 561-567	10.2 4
152	Comparative study of dechlorane plus (DP) in adult chickens and developing embryos: Stereo-selective bioaccumulation of DP in chickens. <i>Environmental Pollution</i> , 2019 , 247, 550-555	9.3 4
151	Organophosphorus flame retardants in fish from Rivers in the Pearl River Delta, South China. <i>Science of the Total Environment</i> , 2019 , 663, 125-132	10.2 24

150	New theoretical insight into indirect photochemical transformation of fragrance nitro-musks: Mechanisms, eco-toxicity and health effects. <i>Environment International</i> , 2019 , 129, 68-75	12.9	33
149	Bioaccumulation and translocation of tetrabromobisphenol A and hexabromocyclododecanes in mangrove plants from a national nature reserve of Shenzhen City, South China. <i>Environment International</i> , 2019 , 129, 239-246	12.9	13
148	Bioconcentration, Biotransformation, and Thyroid Endocrine Disruption of Decabromodiphenyl Ethane (Dbdpe), A Novel Brominated Flame Retardant, in Zebrafish Larvae. <i>Environmental Science & Technology</i> , 2019 , 53, 8437-8446	10.3	39
147	Halogenated flame retardants in mangrove sediments from the Pearl River Estuary, South China: Comparison with historical data and correlation with microbial community. <i>Chemosphere</i> , 2019 , 227, 315-322	8.4	16
146	Vertical profile of soil/sediment pollution and microbial community change by e-waste recycling operation. <i>Science of the Total Environment</i> , 2019 , 669, 1001-1010	10.2	24
145	Multiple organ injury in male C57BL/6J mice exposed to ambient particulate matter in a real-ambient PM exposure system in Shijiazhuang, China. <i>Environmental Pollution</i> , 2019 , 248, 874-887	9.3	61
144	Bioconcentration and biotransformation of organophosphorus flame retardants (PFRs) in common carp (<i>Cyprinus carpio</i>). <i>Environment International</i> , 2019 , 126, 512-522	12.9	26
143	Inflammation Response of Water-Soluble Fractions in Atmospheric Fine Particulates: A Seasonal Observation in 10 Large Chinese Cities. <i>Environmental Science & Technology</i> , 2019 , 53, 3782-3790	10.3	22
142	Biomagnification of PBDEs and alternative brominated flame retardants in a predatory fish: Using fatty acid signature as a primer. <i>Environment International</i> , 2019 , 127, 226-232	12.9	32
141	The development of a cell-based model for the assessment of carcinogenic potential upon long-term PM _{2.5} exposure. <i>Environment International</i> , 2019 , 131, 104943	12.9	21
140	The leaching of additive-derived flame retardants (FRs) from plastics in avian digestive fluids: The significant risk of highly lipophilic FRs. <i>Journal of Environmental Sciences</i> , 2019 , 85, 200-207	6.4	20
139	Characterization and risk assessment of total suspended particles (TSP) and fine particles (PM) in a rural transformational e-waste recycling region of Southern China. <i>Science of the Total Environment</i> , 2019 , 692, 432-440	10.2	11
138	Purification, molecular characterization and metabolic mechanism of an aerobic tetrabromobisphenol A dehalogenase, a key enzyme of halo-respiration in <i>Ochrobactrum</i> sp. T. <i>Chemosphere</i> , 2019 , 237, 124461	8.4	8
137	Spatial distribution and hazard of halogenated flame retardants and polychlorinated biphenyls to common kingfisher (<i>Alcedo atthis</i>) from a region of South China affected by electronic waste recycling. <i>Environment International</i> , 2019 , 130, 104952	12.9	11
136	Halogenated Organic Pollutant Residuals in Human Bared and Clothing-Covered Skin Areas: Source Differentiation and Comprehensive Health Risk Assessment. <i>Environmental Science & Technology</i> , 2019 , 53, 14700-14708	10.3	15
135	Biodegradation of typical BFRs 2,4,6-tribromophenol by an indigenous strain <i>Bacillus</i> sp. GZT isolated from e-waste dismantling area through functional heterologous expression. <i>Science of the Total Environment</i> , 2019 , 697, 134159	10.2	4
134	Persistent organic pollutants (POPs) in oriental magpie-robins from e-waste, urban, and rural sites: Site-specific biomagnification of POPs. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 186, 109758	7	7
133	Occurrence, seasonal variation and environmental impact of phosphorus flame retardants in a large scale wastewater treatment plant. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 36333-36342 ^{5.1}	5.1	5

132	Genome sequence of a spore-laccase forming, BPA-degrading <i>Bacillus</i> sp. GZB isolated from an electronic-waste recycling site reveals insights into BPA degradation pathways. <i>Archives of Microbiology</i> , 2019 , 201, 623-638	3	6
131	Legacy and Currently Used Organic Contaminants in Human Hair and Hand Wipes of Female E-Waste Dismantling Workers and Workplace Dust in South China. <i>Environmental Science & Technology</i> , 2019 , 53, 2820-2829	10.3	32
130	Occurrence, biomagnification and maternal transfer of legacy and emerging organophosphorus flame retardants and plasticizers in water snake from an e-waste site. <i>Environment International</i> , 2019 , 133, 105240	12.9	20
129	Polychlorinated biphenyls in apple snails from an abandoned e-waste recycling site, 2010-2016: A temporal snapshot after the regulatory efforts and the bioaccumulation characteristics. <i>Science of the Total Environment</i> , 2019 , 650, 779-785	10.2	9
128	In vitro oral and inhalation bioaccessibility of hydrophobic organic contaminants (HOCs) in airborne particles and influence of relevant parameters. <i>Environmental Research</i> , 2019 , 170, 134-140	7.9	13
127	MicroRNA-21 attenuates BDE-209-induced lipid accumulation in THP-1 macrophages by downregulating Toll-like receptor 4 expression. <i>Food and Chemical Toxicology</i> , 2019 , 125, 71-77	4.7	11
126	Application of a novel gene encoding bromophenol dehalogenase from <i>Ochrobactrum</i> sp. T in TBBPA degradation. <i>Chemosphere</i> , 2019 , 217, 507-515	8.4	16
125	Decarbromodiphenyl ether (BDE-209) promotes monocyte-endothelial adhesion in cultured human aortic endothelial cells through upregulating intercellular adhesion molecule-1. <i>Environmental Research</i> , 2019 , 169, 62-71	7.9	5
124	In Situ Microbial Degradation of PBDEs in Sediments from an E-Waste Site as Revealed by Positive Matrix Factorization and Compound-Specific Stable Carbon Isotope Analysis. <i>Environmental Science & Technology</i> , 2019 , 53, 1928-1936	10.3	31
123	Species-specific debromination of polybromodiphenyl ethers determined by deiodinase activity in fish. <i>Environmental Pollution</i> , 2019 , 246, 710-716	9.3	6
122	Halogenated organic pollutants in sediments and organisms from mangrove wetlands of the Jiulong River Estuary, South China. <i>Environmental Research</i> , 2019 , 171, 145-152	7.9	21
121	Size-dependent concentrations and bioaccessibility of organophosphate esters (OPEs) in indoor dust: A comparative study from a megacity and an e-waste recycling site. <i>Science of the Total Environment</i> , 2019 , 650, 1954-1960	10.2	11
120	The distribution and accumulation of phosphate flame retardants (PFRs) in water environment. <i>Science of the Total Environment</i> , 2018 , 630, 164-170	10.2	35
119	Halogenated flame retardants (HFRs) and water-soluble ions (WSIs) in fine particulate matter (PM) in three regions of South China. <i>Environmental Pollution</i> , 2018 , 238, 823-832	9.3	20
118	Semivolatile Organic Compounds (SOCs) in Fine Particulate Matter (PM) during Clear, Fog, and Haze Episodes in Winter in Beijing, China. <i>Environmental Science & Technology</i> , 2018 , 52, 5199-5207	10.3	29
117	Selection of passerine birds as bio-sentinel of persistent organic pollutants in terrestrial environment. <i>Science of the Total Environment</i> , 2018 , 633, 1237-1244	10.2	9
116	Level changes and human dietary exposure assessment of halogenated flame retardant levels in free-range chicken eggs: A case study of a former e-waste recycling site, South China. <i>Science of the Total Environment</i> , 2018 , 634, 509-515	10.2	26
115	Bioaccumulation of Persistent Halogenated Organic Pollutants in Insects: Common Alterations to the Pollutant Pattern for Different Insects during Metamorphosis. <i>Environmental Science & Technology</i> , 2018 , 52, 5145-5153	10.3	22

114	Hexabromocyclododecanes (HBCDs) in fish: Evidence of recent HBCD input into the coastal environment. <i>Marine Pollution Bulletin</i> , 2018 , 126, 357-362	6.7	22
113	Determination of organophosphorus flame retardants in fish by freezing-lipid precipitation, solid-phase extraction and gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2018 , 1532, 68-73	4.5	28
112	Polychlorinated biphenyls and chlorinated paraffins in home-produced eggs from an e-waste polluted area in South China: Occurrence and human dietary exposure. <i>Environment International</i> , 2018 , 116, 52-59	12.9	25
111	Organophosphorus flame retardants and heavy metals in municipal landfill leachate treatment system in Guangzhou, China. <i>Environmental Pollution</i> , 2018 , 236, 137-145	9.3	31
110	Brominated flame retardant (BFRs) and Dechlorane Plus (DP) in paired human serum and segmented hair. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 147, 803-808	7	29
109	Potential association between exposure to legacy persistent organic pollutants and parasitic body burdens in Indo-Pacific finless porpoises from the Pearl River Estuary, China. <i>Science of the Total Environment</i> , 2018 , 643, 785-792	10.2	10
108	Organophosphorus esters (OPEs) in PM in urban and e-waste recycling regions in southern China: concentrations, sources, and emissions. <i>Environmental Research</i> , 2018 , 167, 437-444	7.9	32
107	Dechlorane Plus flame retardant in a contaminated frog species: Biomagnification and isomer-specific transfer from females to their eggs. <i>Chemosphere</i> , 2018 , 211, 218-225	8.4	9
106	Polycyclic aromatic hydrocarbons in sediments and marine organisms: Implications of anthropogenic effects on the coastal environment. <i>Science of the Total Environment</i> , 2018 , 640-641, 264-272	10.2	56
105	Spore cells from BPA degrading bacteria <i>Bacillus</i> sp. GZB displaying high laccase activity and stability for BPA degradation. <i>Science of the Total Environment</i> , 2018 , 640-641, 798-806	10.2	41
104	Legacy and emerging organohalogenated contaminants in wild edible aquatic organisms: Implications for bioaccumulation and human exposure. <i>Science of the Total Environment</i> , 2018 , 616-617, 38-45	10.2	21
103	Stereoselective bioaccumulation of syn- and anti-Dechlorane plus isomers in different tissues of common carp (<i>Cyprinus carpio</i>). <i>Science of the Total Environment</i> , 2018 , 616-617, 1339-1346	10.2	7
102	Decabromodiphenyl ether (BDE-209) enhances foam cell formation in human macrophages via augmenting Toll-like receptor 4-dependent lipid uptake. <i>Food and Chemical Toxicology</i> , 2018 , 121, 367-373	4.7	10
101	Characterizing the Influence of Metabolism on the Halogenated Organic Contaminant Biomagnification in Two Artificial Food Chains Using Compound- and Enantiomer-Specific Stable Carbon Isotope Analysis. <i>Environmental Science & Technology</i> , 2018 , 52, 10359-10368	10.3	6
100	Enantioselective Dechlorination of Polychlorinated Biphenyls in <i>Dehalococcoides mccartyi</i> CG1. <i>Applied and Environmental Microbiology</i> , 2018 , 84,	4.8	18
99	Halogenated organic pollutants in aquatic, amphibious, and terrestrial organisms from an e-waste site: Habitat-dependent accumulation and maternal transfer in watersnake. <i>Environmental Pollution</i> , 2018 , 241, 1063-1070	9.3	24
98	Bioaccumulation of short chain chlorinated paraffins in a typical freshwater food web contaminated by e-waste in south china: Bioaccumulation factors, tissue distribution, and trophic transfer. <i>Environmental Pollution</i> , 2017 , 222, 165-174	9.3	75
97	Species-specific and structure-dependent debromination of polybrominated diphenyl ether in fish by in vitro hepatic metabolism. <i>Environmental Toxicology and Chemistry</i> , 2017 , 36, 2005-2011	3.8	11

96	Tracing the Biotransformation of PCBs and PBDEs in Common Carp (<i>Cyprinus carpio</i>) Using Compound-Specific and Enantiomer-Specific Stable Carbon Isotope Analysis. <i>Environmental Science & Technology</i> , 2017 , 51, 2705-2713	10.3	24
95	Halogenated organic pollutants in marine biota from the Xuande Atoll, South China Sea: Levels, biomagnification and dietary exposure. <i>Marine Pollution Bulletin</i> , 2017 , 118, 413-419	6.7	29
94	Disruption of thyroid hormone (TH) levels and TH-regulated gene expression by polybrominated diphenyl ethers (PBDEs), polychlorinated biphenyls (PCBs), and hydroxylated PCBs in e-waste recycling workers. <i>Environment International</i> , 2017 , 102, 138-144	12.9	59
93	Organic contaminants and heavy metals in indoor dust from e-waste recycling, rural, and urban areas in South China: Spatial characteristics and implications for human exposure. <i>Ecotoxicology and Environmental Safety</i> , 2017 , 140, 109-115	7	48
92	Historical trends and ecological risks of polybrominated diphenyl ethers (PBDEs) and alternative halogenated flame retardants (AHFRs) in a mangrove in South China. <i>Science of the Total Environment</i> , 2017 , 599-600, 181-187	10.2	26
91	Organophosphorus flame retardants in mangrove sediments from the Pearl River Estuary, South China. <i>Chemosphere</i> , 2017 , 181, 433-439	8.4	29
90	Alteration of Diastereoisomeric and Enantiomeric Profiles of Hexabromocyclododecanes (HBCDs) in Adult Chicken Tissues, Eggs, and Hatchling Chickens. <i>Environmental Science & Technology</i> , 2017 , 51, 5492-5499	10.3	19
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76	Phosphate flame retardants and novel brominated flame retardants in home-produced eggs from an e-waste recycling region in China. <i>Chemosphere</i> , 2016 , 150, 545-550	8.4	45
75	Organohalogen pollutants in surface particulates from workshop floors of four major e-waste recycling sites in China and implications for emission lists. <i>Science of the Total Environment</i> , 2016 , 569-570, 982-989	10.2	21
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66	Contaminants of legacy and emerging concern in terrestrial passerines from a nature reserve in South China: Residue levels and inter-species differences in the accumulation. <i>Environmental Pollution</i> , 2015 , 203, 7-14	9.3	18
65	Legacy and emerging halogenated organic pollutants in marine organisms from the Pearl River Estuary, South China. <i>Chemosphere</i> , 2015 , 139, 565-71	8.4	40
64	In vitro metabolism of BDE-47, BDE-99, and α β HBCD isomers by chicken liver microsomes. <i>Environmental Research</i> , 2015 , 143, 221-8	7.9	22
63	Do bird assemblages predict susceptibility by e-waste pollution? A comparative study based on species- and guild-dependent responses in China agroecosystems. <i>PLoS ONE</i> , 2015 , 10, e0122264	3.7	5
62	Geographical distribution and risk assessment of persistent organic pollutants in golden threads (<i>Nemipterus virgatus</i>) from the northern South China Sea. <i>Ecotoxicology</i> , 2015 , 24, 1593-600	2.9	6
61	Bioaccumulation and translocation of polyhalogenated compounds in rice (<i>Oryza sativa</i> L.) planted in paddy soil collected from an electronic waste recycling site, South China. <i>Chemosphere</i> , 2015 , 137, 25-32	8.4	34

60	Short-chain chlorinated paraffins in terrestrial bird species inhabiting an e-waste recycling site in South China. <i>Environmental Pollution</i> , 2015 , 198, 41-6	9.3	35
59	Dechlorane Plus in paired hair and serum samples from e-waste workers: correlation and differences. <i>Chemosphere</i> , 2015 , 123, 43-7	8.4	29
58	Contaminant sources, gastrointestinal absorption, and tissue distribution of organohalogenated pollutants in chicken from an e-waste site. <i>Science of the Total Environment</i> , 2015 , 505, 1003-10	10.2	29
57	Flame retardants and organochlorines in indoor dust from several e-waste recycling sites in South China: composition variations and implications for human exposure. <i>Environment International</i> , 2015 , 78, 1-7	12.9	137
56	Accumulation of Dechlorane Plus flame retardant in terrestrial passerines from a nature reserve in South China: the influences of biological and chemical variables. <i>Science of the Total Environment</i> , 2015 , 514, 77-82	10.2	15
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54	Brominated flame retardants in mangrove sediments of the Pearl River Estuary, South China: spatial distribution, temporal trend and mass inventory. <i>Chemosphere</i> , 2015 , 123, 26-32	8.4	57
53	Persistent organic pollutants in marine fish from Yongxing Island, South China Sea: levels, composition profiles and human dietary exposure assessment. <i>Chemosphere</i> , 2014 , 98, 84-90	8.4	49
52	Sources of halogenated brominated retardants in house dust in an industrial city in southern China and associated human exposure. <i>Environmental Research</i> , 2014 , 135, 190-5	7.9	21
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50	Occurrence of persistent organic pollutants in marine fish from the Natuna Island, South China Sea. <i>Marine Pollution Bulletin</i> , 2014 , 85, 274-9	6.7	18
49	Species-specific bioaccumulation of halogenated organic pollutants and their metabolites in fish serum from an e-waste site, South China. <i>Archives of Environmental Contamination and Toxicology</i> , 2014 , 67, 348-57	3.2	19
48	Biological risk and pollution history of polycyclic aromatic hydrocarbons (PAHs) in Nansha mangrove, South China. <i>Marine Pollution Bulletin</i> , 2014 , 85, 92-8	6.7	26
47	Elevated levels of polychlorinated biphenyls in plants, air, and soils at an E-waste site in Southern China and enantioselective biotransformation of chiral PCBs in plants. <i>Environmental Science & Technology</i> , 2014 , 48, 3847-55	10.3	69
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33	Using compound-specific stable carbon isotope analysis to trace metabolism and trophic transfer of PCBs and PBDEs in fish from an e-waste site, South China. <i>Environmental Science & Technology</i> , 2013 , 47, 4062-8	10.3	34
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31	Brominated flame retardants in three terrestrial passerine birds from South China: geographical pattern and implication for potential sources. <i>Environmental Pollution</i> , 2012 , 162, 381-8	9.3	55
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22	Responses of soil microbial communities to prescribed burning in two paired vegetation sites in southern China. <i>Ecological Research</i> , 2011 , 26, 669-677	1.9	23
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18	Response to Comment on "Comparative Tissue Distribution, Biotransformation and Associated Biological Effects by Decabromodiphenyl Ethane and Decabrominated Diphenyl Ether in Male Rats after a 90-Day Oral Exposure Study" <i>Environmental Science & Technology</i> , 2011 , 45, 5062-5063	10.3	
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8	Biomagnification of polybrominated diphenyl ethers (PBDEs) and polychlorinated biphenyls in a highly contaminated freshwater food web from South China. <i>Environmental Pollution</i> , 2009 , 157, 904-9	9.3	104
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1	High-resolution sedimentary record of hydrocarbon contaminants in a core from the major reaches of the Pearl River, China. <i>Science Bulletin</i> , 2000 , 45, 97-104		4