

Bi-Xian Mai

List of Publications by Citations

Source: <https://exaly.com/author-pdf/650194/bi-xian-mai-publications-by-citations.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Distribution of polybrominated diphenyl ethers in sediments of the Pearl River Delta and adjacent South China Sea. <i>Environmental Science & Technology</i> , 2005 , 39, 3521-7	10.3	467
220	Chlorinated and polycyclic aromatic hydrocarbons in riverine and estuarine sediments from Pearl River Delta, China. <i>Environmental Pollution</i> , 2002 , 117, 457-74	9.3	368
219	Distribution of polycyclic aromatic hydrocarbons in the coastal region off Macao, China: assessment of input sources and transport pathways using compositional analysis. <i>Environmental Science & Technology</i> , 2003 , 37, 4855-63	10.3	331
218	Polybrominated diphenyl ethers in road and farmland soils from an e-waste recycling region in Southern China: concentrations, source profiles, and potential dispersion and deposition. <i>Science of the Total Environment</i> , 2009 , 407, 1105-13	10.2	182
217	Persistent halogenated compounds in waterbirds from an e-waste recycling region in South China. <i>Environmental Science & Technology</i> , 2009 , 43, 306-11	10.3	163
216	Trophodynamics of hexabromocyclododecanes and several other non-PBDE brominated flame retardants in a freshwater food web. <i>Environmental Science & Technology</i> , 2010 , 44, 5490-5	10.3	139
215	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
214	Riverine inputs of polybrominated diphenyl ethers from the Pearl River Delta (China) to the coastal ocean. <i>Environmental Science & Technology</i> , 2007 , 41, 6007-13	10.3	137
213	Brominated flame retardants in the atmosphere of E-waste and rural sites in southern China: seasonal variation, temperature dependence, and gas-particle partitioning. <i>Environmental Science & Technology</i> , 2011 , 45, 8819-25	10.3	122
212	Polybrominated diphenyl ethers (PBDEs) in free-range domestic fowl from an e-waste recycling site in South China: levels, profile and human dietary exposure. <i>Environment International</i> , 2009 , 35, 253-8	12.9	117
211	Occurrence of organophosphorus flame retardants in indoor dust in multiple microenvironments of southern China and implications for human exposure. <i>Chemosphere</i> , 2015 , 133, 47-52	8.4	115
210	Dechlorane Plus in human hair from an e-waste recycling area in South China: comparison with dust. <i>Environmental Science & Technology</i> , 2010 , 44, 9298-303	10.3	107
209	Distribution of organophosphorus flame retardants in sediments from the Pearl River Delta in South China. <i>Science of the Total Environment</i> , 2016 , 544, 77-84	10.2	106
208	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
207	Current levels and composition profiles of PBDEs and alternative flame retardants in surface sediments from the Pearl River Delta, southern China: comparison with historical data. <i>Science of the Total Environment</i> , 2013 , 444, 205-11	10.2	101
206	Occurrence of brominated flame retardants (BFRs), organochlorine pesticides (OCPs), and polychlorinated biphenyls (PCBs) in agricultural soils in a BFR-manufacturing region of North China. <i>Science of the Total Environment</i> , 2014 , 481, 47-54	10.2	99
205	Bioaccumulation of polybrominated diphenyl ethers and decabromodiphenyl ethane in fish from a river system in a highly industrialized area, South China. <i>Science of the Total Environment</i> , 2012 , 419, 109-115	10.2	92

204	Levels and sources of brominated flame retardants in human hair from urban, e-waste, and rural areas in South China. <i>Environmental Pollution</i> , 2011 , 159, 3706-13	9.3	82
203	Bioaccumulation behavior of polybrominated diphenyl ethers (PBDEs) in the freshwater food chain of Baiyangdian lake, north China. <i>Environment International</i> , 2010 , 36, 309-315	12.9	78
202	Halogenated flame retardants in home-produced eggs from an electronic waste recycling region in South China: levels, composition profiles, and human dietary exposure assessment. <i>Environment International</i> , 2012 , 45, 122-8	12.9	76
201	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
200	Dechlorane Plus (DP) in air and plants at an electronic waste (e-waste) site in South China. <i>Environmental Pollution</i> , 2011 , 159, 1290-6	9.3	70
199	Residues of polybrominated diphenyl ethers in frogs (<i>Rana limnocharis</i>) from a contaminated site, South China: tissue distribution, biomagnification, and maternal transfer. <i>Environmental Science & Technology</i> , 2009 , 43, 5212-7	10.3	70
198	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
197	Antibiotics and Food Safety in Aquaculture. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 11908-11919	11.9	64
196	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
195	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
194	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
193	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
192	Polycyclic aromatic hydrocarbons in surface sediments and marine organisms from the Daya Bay, South China. <i>Marine Pollution Bulletin</i> , 2016 , 103, 325-332	6.7	55
191	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
190	Plant uptake of atmospheric brominated flame retardants at an E-waste site in southern China. <i>Environmental Science & Technology</i> , 2012 , 46, 2708-14	10.3	55
189	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> , 2010 , 44, 5655-60	10.3	55
188	Biomagnification of higher brominated PBDE congeners in an urban terrestrial food web in north China based on field observation of prey deliveries. <i>Environmental Science & Technology</i> , 2011 , 45, 5125-31	10.3	55
187	Brominated flame retardants (BFRs) in indoor and outdoor air in a community in Guangzhou, a megacity of southern China. <i>Environmental Pollution</i> , 2016 , 212, 457-463	9.3	52

186	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
185	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
184	Polychlorinated Biphenyls (PCBs) in Human Hair and Serum from E-Waste Recycling Workers in Southern China: Concentrations, Chiral Signatures, Correlations, and Source Identification. <i>Environmental Science & Technology</i> , 2016 , 50, 1579-86	10.3	48
183	Polybrominated Diphenyl Ethers (PBDEs) in paired human hair and serum from e-waste recycling workers: source apportionment of hair PBDEs and relationship between hair and serum. <i>Environmental Science & Technology</i> , 2014 , 48, 791-6	10.3	47
182	Occurrence of quaternary ammonium compounds (QACs) and their application as a tracer for sewage derived pollution in urban estuarine sediments. <i>Environmental Pollution</i> , 2014 , 185, 127-33	9.3	47
181	Distribution and partition of polybrominated diphenyl ethers (PBDEs) in water of the Zhujiang River Estuary. <i>Science Bulletin</i> , 2008 , 53, 493-500		46
180	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
179	An eight year (2005-2013) temporal trend of halogenated organic pollutants in fish from the Pearl River Estuary, South China. <i>Marine Pollution Bulletin</i> , 2015 , 93, 61-7	6.7	44
178	Brominated and phosphate flame retardants (FRs) in indoor dust from different microenvironments: Implications for human exposure via dust ingestion and dermal contact. <i>Chemosphere</i> , 2017 , 184, 185-191	8.4	41
177	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
176	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
175	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
174	Photolytic degradation of decabromodiphenyl ethane (DBDPE). <i>Chemosphere</i> , 2012 , 89, 844-9	8.4	38
173	Short-chain chlorinated paraffins in marine organisms from the Pearl River Estuary in South China: Residue levels and interspecies differences. <i>Science of the Total Environment</i> , 2016 , 553, 196-203	10.2	37
172	Bioaccumulation and biomagnification of halogenated organic pollutants in mangrove biota from the Pearl River Estuary, South China. <i>Marine Pollution Bulletin</i> , 2015 , 99, 150-6	6.7	36
171	Advances in the study of current-use non-PBDE brominated flame retardants and dechlorane plus in the environment and humans. <i>Science China Chemistry</i> , 2010 , 53, 961-973	7.9	36
170	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
169	Persistent halogenated compounds in fish from rivers in the Pearl River Delta, South China: Geographical pattern and implications for anthropogenic effects on the environment. <i>Environmental Research</i> , 2016 , 146, 371-8	7.9	35

168	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
167	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
166	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
165	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
164	Polychlorinated biphenyls in human hair at an e-waste site in China: composition profiles and chiral signatures in comparison to dust. <i>Environment International</i> , 2013 , 54, 128-33	12.9	33
163	Chiral polychlorinated biphenyls (PCBs) in bioaccumulation, maternal transfer, and embryo development of chicken. <i>Environmental Science & Technology</i> , 2015 , 49, 785-91	10.3	33
162	Habitat- and species-dependent accumulation of organohalogen pollutants in home-produced eggs from an electronic waste recycling site in South China: Levels, profiles, and human dietary exposure. <i>Environmental Pollution</i> , 2016 , 216, 64-70	9.3	33
161	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
160	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
159	Heavy metals in hair of residents in an e-waste recycling area, south China: contents and assessment of bodily state. <i>Archives of Environmental Contamination and Toxicology</i> , 2011 , 61, 696-703	3.2	32
158	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
157	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
156	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
155	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
154	Organophosphorus flame retardants in mangrove sediments from the Pearl River Estuary, South China. <i>Chemosphere</i> , 2017 , 181, 433-439	8.4	29
153	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
152	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
151	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

150	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
149	Gastrointestinal absorption, metabolic debromination, and hydroxylation of three commercial polybrominated diphenyl ether mixtures by common carp. <i>Environmental Toxicology and Chemistry</i> , 2012 , 31, 731-8	3.8	29
148	Analysis of human hair to assess exposure to organophosphate flame retardants: Influence of hair segments and gender differences. <i>Environmental Research</i> , 2016 , 148, 177-183	7.9	29
147	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
146	Bioaccumulation and ecotoxicity increase during indirect photochemical transformation of polycyclic musk tonalide: A modeling study. <i>Water Research</i> , 2016 , 105, 47-55	12.5	27
145	Sources, gastrointestinal absorption and stereo-selective and tissue-specific accumulation of Dechlorane Plus (DP) in chicken. <i>Chemosphere</i> , 2014 , 114, 241-6	8.4	27
144	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
143	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
142	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
141	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
140	Isomers of Dechlorane Plus in an aquatic environment in a highly industrialized area in Southern China: spatial and vertical distribution, phase partition, and bioaccumulation. <i>Science of the Total Environment</i> , 2014 , 481, 1-6	10.2	26
139	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
138	Organohalogen contamination in passerine birds from three metropolises in China: geographical variation and its implication for anthropogenic effects on urban environments. <i>Environmental Pollution</i> , 2014 , 188, 118-23	9.3	25
137	Tissue accumulation and species-specific metabolism of technical pentabrominated diphenyl ether (DE-71) in two predator fish. <i>Environmental Toxicology and Chemistry</i> , 2013 , 32, 757-63	3.8	25
136	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
135	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
134	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
133	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

132	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
131	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
130	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
129	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
128	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
127	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
126	Occurrence of PBDEs and alternative halogenated flame retardants in sewage sludge from the industrial city of Guangzhou, China. <i>Environmental Pollution</i> , 2017 , 220, 63-71	9.3	22
125	The development of a cell-based model for the assessment of carcinogenic potential upon long-term PM2.5 exposure. <i>Environment International</i> , 2019 , 131, 104943	12.9	21
124	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
123	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
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	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
120	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
119	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
118	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
117	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
116	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
115	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

114	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
113	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
112	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
111	Application of compound-specific stable carbon isotope analysis for the biotransformation and trophic dynamics of PBDEs in a feeding study with fish. <i>Environmental Pollution</i> , 2013 , 176, 36-41	9.3	18
110	Enantioselective Dechlorination of Polychlorinated Biphenyls in <i>Dehalococcoides mccartyi</i> CG1. <i>Applied and Environmental Microbiology</i> , 2018 , 84,	4.8	18
109	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
108	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
107	Sex-dependent accumulation and maternal transfer of Dechlorane Plus flame retardant in fish from an electronic waste recycling site in South China. <i>Environmental Pollution</i> , 2013 , 177, 150-5	9.3	17
106	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
105	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
104	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
103	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
102	Flame retardants on the surface of phones and personal computers. <i>Science of the Total Environment</i> , 2017 , 609, 541-545	10.2	15
101	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
100	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
99	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
98	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
97	Oxidative metabolism of BDE-47, BDE-99, and HBCDs by cat liver microsomes: Implications of cats as sentinel species to monitor human exposure to environmental pollutants. <i>Chemosphere</i> , 2016 , 151, 30-6	8.4	14

96	PCBs and DDTs in light-vented bulbuls from Guangdong Province, South China: levels, geographical pattern and risk assessment. <i>Science of the Total Environment</i> , 2014 , 490, 815-21	10.2	14
95	Gastrointestinal absorption, dynamic tissue-specific accumulation, and isomer composition of dechlorane plus and related analogs in common carp by dietary exposure. <i>Ecotoxicology and Environmental Safety</i> , 2014 , 100, 32-8	7	14
94	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
93	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
92	Spatial and Vertical Distribution of Dechlorane Plus in Mangrove Sediments of the Pearl River Estuary, South China. <i>Archives of Environmental Contamination and Toxicology</i> , 2016 , 71, 359-64	3.2	13
91	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
90	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
89	In ovo uptake, metabolism, and tissue-specific distribution of chiral PCBs and PBDEs in developing chicken embryos. <i>Scientific Reports</i> , 2016 , 6, 36597	4.9	12
88	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
87	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
86	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
85	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
84	Persistent halogenated compounds in captive Chinese alligators (<i>Alligator sinensis</i>) from China. <i>Chemosphere</i> , 2014 , 110, 23-30	8.4	11
83	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
82	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
81	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
80	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
79	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

78	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
77	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
76	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
75	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
74	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
73	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
72	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
71	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
70	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
69	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
68	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
67	Method for the purification of polybrominated diphenyl ethers in sediment for compound-specific isotope analysis. <i>Talanta</i> , 2013 , 111, 93-7	6.2	8
66	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
65	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
64	Abundances, depositional fluxes, and homologue patterns of polychlorinated biphenyls in dated sediment cores from the Pearl River Delta, China. <i>Environmental Science & Technology</i> , 2005 , 39, 49-56	10.3	8
63	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
62	Separation of polybrominated diphenyl ethers in fish for compound-specific stable carbon isotope analysis. <i>Science of the Total Environment</i> , 2012 , 425, 208-13	10.2	7
61	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

60	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
59	Hepatic ethoxyresorufin-O-deethylase induction in the common kingfisher from an electronic waste recycling site. <i>Environmental Toxicology and Chemistry</i> , 2016 , 35, 1594-9	3.8	6
58	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
57	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
56	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
55	Aquatic bioaccumulation and trophic transfer of tetrabromobisphenol-A flame retardant introduced from a typical e-waste recycling site. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 14663-70	5.1	6
54	Tracing the biotransformation of polychlorinated biphenyls (PCBs) in common carp (<i>Cyprinus carpio</i>): Enantiomeric fraction and compound-specific stable carbon isotope analyses. <i>Chemosphere</i> , 2016 , 159, 449-456	8.4	6
53	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
52	Species-specific debromination of polybromodiphenyl ethers determined by deiodinase activity in fish. <i>Environmental Pollution</i> , 2019 , 246, 710-716	9.3	6
51	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
50	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
49	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
48	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
47	Alternative halogenated flame retardants (AHFRs) in green mussels from the south China sea. <i>Environmental Research</i> , 2020 , 182, 109082	7.9	5
46	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
45	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
44	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
43	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

42	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
41	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
40	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
39	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
38	Environmental occurrence and remediation of emerging organohalides: A review. <i>Environmental Pollution</i> , 2021 , 290, 118060	9.3	5
37	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
36	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
35	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
34	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
33	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
32	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
31	Observable carbon isotope fractionation in the photodegradation of polybrominated diphenyl ethers by simulated sunlight. <i>Chemosphere</i> , 2021 , 266, 128950	8.4	4
30	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
29	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
28	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
27	Halogenated flame retardants in surface sediments from fourteen estuaries, South China. <i>Marine Pollution Bulletin</i> , 2021 , 164, 112099	6.7	3
26	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
25	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

24	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
23	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
22	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
21	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
20	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
19	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
18	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
17	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
16	Investigation into Polycyclic Aromatic Hydrocarbons in Sediments of Wei River Basin. <i>Water, Air, and Soil Pollution</i> , 2021 , 232, 1	2.6	1
15	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
14	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
13	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
12	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
11	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
10	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
9	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
8	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
7	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

6	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
5	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
4	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
3	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	
2	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	
1	Sex- and size-dependent accumulation of Dechlorane Plus flame retardant in a wild frog-eating snake <i>Amphiesma stolata</i> .. <i>Environmental Pollution</i> , 2022 , 297, 118793	9.3	