Bi-Xian Mai

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/650194/publications.pdf

Version: 2024-02-01

227 papers	9,973 citations	36303 51 h-index	53230 85 g-index
228 all docs	228 docs citations	228 times ranked	5970 citing authors

#	Article	IF	Citations
1	Distribution of Polybrominated Diphenyl Ethers in Sediments of the Pearl River Delta and Adjacent South China Sea. Environmental Science & Technology, 2005, 39, 3521-3527.	10.0	507
2	Chlorinated and polycyclic aromatic hydrocarbons in riverine and estuarine sediments from Pearl River Delta, China. Environmental Pollution, 2002, 117, 457-474.	7.5	402
3	Distribution of Polycyclic Aromatic Hydrocarbons in the Coastal Region off Macao, China:Â Assessment of Input Sources and Transport Pathways Using Compositional Analysis. Environmental Science & Technology, 2003, 37, 4855-4863.	10.0	368
4	Antibiotics and Food Safety in Aquaculture. Journal of Agricultural and Food Chemistry, 2020, 68, 11908-11919.	5.2	215
5	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. Science of the Total Environment, 2009, 407, 1105-1113.	8.0	198
6	Persistent Halogenated Compounds in Waterbirds from an e-Waste Recycling Region in South China. Environmental Science & Technology, 2009, 43, 306-311.	10.0	178
7	Flame retardants and organochlorines in indoor dust from several e-waste recycling sites in South China: Composition variations and implications for human exposure. Environment International, 2015, 78, 1-7.	10.0	178
8	Polybrominated diphenyl ethers (PBDEs) in free-range domestic fowl from an e-waste recycling site in South China: Levels, profile and human dietary exposure. Environment International, 2009, 35, 253-258.	10.0	165
9	Riverine Inputs of Polybrominated Diphenyl Ethers from the Pearl River Delta (China) to the Coastal Ocean. Environmental Science & Technology, 2007, 41, 6007-6013.	10.0	153
10	Trophodynamics of Hexabromocyclododecanes and Several Other Non-PBDE Brominated Flame Retardants in a Freshwater Food Web. Environmental Science & Technology, 2010, 44, 5490-5495.	10.0	153
11	Occurrence of organophosphorus flame retardants in indoor dust in multiple microenvironments of southern China and implications for human exposure. Chemosphere, 2015, 133, 47-52.	8.2	144
12	Distribution of organophosphorus flame retardants in sediments from the Pearl River Delta in South China. Science of the Total Environment, 2016, 544, 77-84.	8.0	138
13	Brominated Flame Retardants in the Atmosphere of E-Waste and Rural Sites in Southern China: Seasonal Variation, Temperature Dependence, and Gas-Particle Partitioning. Environmental Science & Technology, 2011, 45, 8819-8825.	10.0	133
14	Occurrence of brominated flame retardants (BFRs), organochlorine pesticides (OCPs), and polychlorinated biphenyls (PCBs) in agricultural soils in a BFR-manufacturing region of North China. Science of the Total Environment, 2014, 481, 47-54.	8.0	133
15	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. Science of the Total Environment, 2013, 444, 205-211.	8.0	123
16	Bioaccumulation of polybrominated diphenyl ethers and decabromodiphenyl ethane in fish from a river system in a highly industrialized area, South China. Science of the Total Environment, 2012, 419, 109-115.	8.0	118
17	Dechlorane Plus in Human Hair from an E-Waste Recycling Area in South China: Comparison with Dust. Environmental Science & Technology, 2010, 44, 9298-9303.	10.0	116
18	Biomagnification of polybrominated diphenyl ethers (PBDEs) and polychlorinated biphenyls in a highly contaminated freshwater food web from South China. Environmental Pollution, 2009, 157, 904-909.	7.5	115

#	Article	IF	Citations
19	Multiple organ injury in male C57BL/6J mice exposed to ambient particulate matter in a real-ambient PM exposure system in Shijiazhuang, China. Environmental Pollution, 2019, 248, 874-887.	7.5	108
20	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. Environmental Pollution, 2017, 222, 165-174.	7.5	107
21	Bioconcentration, Biotransformation, and Thyroid Endocrine Disruption of Decabromodiphenyl Ethane (Dbdpe), A Novel Brominated Flame Retardant, in Zebrafish Larvae. Environmental Science & Technology, 2019, 53, 8437-8446.	10.0	98
22	Levels and sources of brominated flame retardants in human hair from urban, e-waste, and rural areas in South China. Environmental Pollution, 2011, 159, 3706-3713.	7.5	94
23	Bioaccumulation behavior of polybrominated diphenyl ethers (PBDEs) in the freshwater food chain of Baiyangdian Lake, North China. Environment International, 2010, 36, 309-315.	10.0	89
24	Halogenated flame retardants in home-produced eggs from an electronic waste recycling region in South China: Levels, composition profiles, and human dietary exposure assessment. Environment International, 2012, 45, 122-128.	10.0	87
25	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. Environmental Science & Technology, 2014, 48, 3847-3855.	10.0	84
26	Polycyclic aromatic hydrocarbons in sediments and marine organisms: Implications of anthropogenic effects on the coastal environment. Science of the Total Environment, 2018, 640-641, 264-272.	8.0	84
27	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. Environment International, 2017, 102, 138-144.	10.0	83
28	Residues of Polybrominated Diphenyl Ethers in Frogs (<i>Rana limnocharis</i>) from a Contaminated Site, South China: Tissue Distribution, Biomagnification, and Maternal Transfer. Environmental Science & Technology, 2009, 43, 5212-5217.	10.0	82
29	Polycyclic aromatic hydrocarbons in surface sediments and marine organisms from the Daya Bay, South China. Marine Pollution Bulletin, 2016, 103, 325-332.	5.0	81
30	Dechlorane Plus (DP) in air and plants at an electronic waste (e-waste) site in South China. Environmental Pollution, 2011, 159, 1290-1296.	7.5	78
31	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. Ecotoxicology and Environmental Safety, 2017, 140, 109-115.	6.0	77
32	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. Environmental Science & Technology, 2010, 44, 5655-5660.	10.0	72
33	Spore cells from BPA degrading bacteria Bacillus sp. GZB displaying high laccase activity and stability for BPA degradation. Science of the Total Environment, 2018, 640-641, 798-806.	8.0	70
34	Brominated flame retardants in mangrove sediments of the Pearl River Estuary, South China: Spatial distribution, temporal trend and mass inventory. Chemosphere, 2015, 123, 26-32.	8.2	69
35	Bioaccumulation and trophic transfer of organophosphate esters in tropical marine food web, South China Sea. Environment International, 2020, 143, 105919.	10.0	68
36	Polychlorinated Biphenyls (PCBs) in Human Hair and Serum from E-Waste Recycling Workers in Southern China: Concentrations, Chiral Signatures, Correlations, and Source Identification. Environmental Science & Technology, 2016, 50, 1579-1586.	10.0	65

#	Article	IF	Citations
37	Biomagnification of Higher Brominated PBDE Congeners in an Urban Terrestrial Food Web in North China Based on Field Observation of Prey Deliveries. Environmental Science & Technology, 2011, 45, 5125-5131.	10.0	64
38	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. Environmental Science & Technology, 2014, 48, 791-796.	10.0	64
39	New theoretical insight into indirect photochemical transformation of fragrance nitro-musks: Mechanisms, eco-toxicity and health effects. Environment International, 2019, 129, 68-75.	10.0	64
40	Legacy and Currently Used Organic Contaminants in Human Hair and Hand Wipes of Female E-Waste Dismantling Workers and Workplace Dust in South China. Environmental Science & Technology, 2019, 53, 2820-2829.	10.0	64
41	Plant Uptake of Atmospheric Brominated Flame Retardants at an E-Waste Site in Southern China. Environmental Science & Technology, 2012, 46, 2708-2714.	10.0	63
42	The distribution and accumulation of phosphate flame retardants (PFRs) in water environment. Science of the Total Environment, 2018, 630, 164-170.	8.0	63
43	Brominated flame retardants in three terrestrial passerine birds from South China: Geographical pattern and implication for potential sources. Environmental Pollution, 2012, 162, 381-388.	7.5	62
44	Brominated flame retardants (BFRs) in indoor and outdoor air in a community in Guangzhou, a megacity of southern China. Environmental Pollution, 2016, 212, 457-463.	7.5	62
45	Biomagnification of PBDEs and alternative brominated flame retardants in a predatory fish: Using fatty acid signature as a primer. Environment International, 2019, 127, 226-232.	10.0	62
46	Organohalide-Respiring Bacteria in Polluted Urban Rivers Employ Novel Bifunctional Reductive Dehalogenases to Dechlorinate Polychlorinated Biphenyls and Tetrachloroethene. Environmental Science & Technology, 2020, 54, 8791-8800.	10.0	61
47	Persistent organic pollutants in marine fish from Yongxing Island, South China Sea: Levels, composition profiles and human dietary exposure assessment. Chemosphere, 2014, 98, 84-90.	8.2	60
48	Occurrence of quaternary ammonium compounds (QACs) and their application as a tracer for sewage derived pollution in urban estuarine sediments. Environmental Pollution, 2014, 185, 127-133.	7.5	58
49	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. Environmental Science & Technology, 2019, 53, 1928-1936.	10.0	55
50	Brominated and phosphate flame retardants (FRs) in indoor dust from different microenvironments: Implications for human exposure via dust ingestion and dermal contact. Chemosphere, 2017, 184, 185-191.	8.2	53
51	Phosphate flame retardants and novel brominated flame retardants in home-produced eggs from an e-waste recycling region in China. Chemosphere, 2016, 150, 545-550.	8.2	52
52	Organophosphorus flame retardants in mangrove sediments from the Pearl River Estuary, South China. Chemosphere, 2017, 181, 433-439.	8.2	52
53	Legacy and emerging halogenated organic pollutants in marine organisms from the Pearl River Estuary, South China. Chemosphere, 2015, 139, 565-571.	8.2	51
54	Short-chain chlorinated paraffins in marine organisms from the Pearl River Estuary in South China: Residue levels and interspecies differences. Science of the Total Environment, 2016, 553, 196-203.	8.0	51

#	Article	IF	Citations
55	Distribution and partition of polybrominated diphenyl ethers (PBDEs) in water of the Zhujiang River Estuary. Science Bulletin, 2008, 53, 493-500.	1.7	50
56	Brominated flame retardant (BFRs) and Dechlorane Plus (DP) in paired human serum and segmented hair. Ecotoxicology and Environmental Safety, 2018, 147, 803-808.	6.0	50
57	Spatial Distribution, Bioconversion and Ecological Risk of PCBs and PBDEs in the Surface Sediment of Contaminated Urban Rivers: A Nationwide Study in China. Environmental Science & Technology, 2021, 55, 9579-9590.	10.0	50
58	Bioaccumulation and translocation of polyhalogenated compounds in rice (Oryza sativa L.) planted in paddy soil collected from an electronic waste recycling site, South China. Chemosphere, 2015, 137, 25-32.	8.2	49
59	An eight year (2005â€“2013) temporal trend of halogenated organic pollutants in fish from the Pearl River Estuary, South China. Marine Pollution Bulletin, 2015, 93, 61-67.	5.0	49
60	Organophosphorus flame retardants in fish from Rivers in the Pearl River Delta, South China. Science of the Total Environment, 2019, 663, 125-132.	8.0	49
61	Organophosphorus flame retardants and heavy metals in municipal landfill leachate treatment system in Guangzhou, China. Environmental Pollution, 2018, 236, 137-145.	7.5	47
62	Organophosphorus esters (OPEs) in PM2.5 in urban and e-waste recycling regions in southern China: concentrations, sources, and emissions. Environmental Research, 2018, 167, 437-444.	7.5	47
63	Bioconcentration and biotransformation of organophosphorus flame retardants (PFRs) in common carp (Cyprinus carpio). Environment International, 2019, 126, 512-522.	10.0	47
64	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. Environmental Pollution, 2016, 216, 64-70.	7.5	46
65	Photolytic degradation of decabromodiphenyl ethane (DBDPE). Chemosphere, 2012, 89, 844-849.	8.2	45
66	Contaminant sources, gastrointestinal absorption, and tissue distribution of organohalogenated pollutants in chicken from an e-waste site. Science of the Total Environment, 2015, 505, 1003-1010.	8.0	44
67	Bioaccumulation and biomagnification of halogenated organic pollutants in mangrove biota from the Pearl River Estuary, South China. Marine Pollution Bulletin, 2015, 99, 150-156.	5.0	44
68	Legacy and emerging organophosphorus flame retardants and plasticizers in indoor microenvironments from Guangzhou, South China. Environment International, 2020, 143, 105972.	10.0	44
69	Levels, Spatial Distribution, and Impact Factors of Heavy Metals in the Hair of Metropolitan Residents in China and Human Health Implications. Environmental Science & Technology, 2021, 55, 10578-10588.	10.0	44
70	Polychlorinated biphenyls in human hair at an e-waste site in China: Composition profiles and chiral signatures in comparison to dust. Environment International, 2013, 54, 128-133.	10.0	43
71	Short-chain chlorinated paraffins in terrestrial bird species inhabiting an e-waste recycling site in South China. Environmental Pollution, 2015, 198, 41-46.	7.5	43
72	Bioaccumulation and ecotoxicity increase during indirect photochemical transformation of polycyclic musk tonalide: A modeling study. Water Research, 2016, 105, 47-55.	11.3	43

#	Article	IF	Citations
73	Persistent halogenated compounds in fish from rivers in the Pearl River Delta, South China: Geographical pattern and implications for anthropogenic effects on the environment. Environmental Research, 2016, 146, 371-378.	7.5	43
74	Chiral Polychlorinated Biphenyls (PCBs) in Bioaccumulation, Maternal Transfer, and Embryo Development of Chicken. Environmental Science & Technology, 2015, 49, 785-791.	10.0	42
75	Halogenated organic pollutants in marine biota from the Xuande Atoll, South China Sea: Levels, biomagnification and dietary exposure. Marine Pollution Bulletin, 2017, 118, 413-419.	5.0	42
76	Organophosphorus flame retardants in a typical freshwater food web: Bioaccumulation factors, tissue distribution, and trophic transfer. Environmental Pollution, 2019, 255, 113286.	7.5	42
77	Heavy Metals in Hair of Residents in an E-Waste Recycling Area, South China: Contents and Assessment of Bodily State. Archives of Environmental Contamination and Toxicology, 2011, 61, 696-703.	4.1	41
78	Halogenated organic pollutants in aquatic, amphibious, and terrestrial organisms from an e-waste site: Habitat-dependent accumulation and maternal transfer in watersnake. Environmental Pollution, 2018, 241, 1063-1070.	7.5	41
79	Analysis of human hair to assess exposure to organophosphate flame retardants: Influence of hair segments and gender differences. Environmental Research, 2016, 148, 177-183.	7.5	40
80	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. Environmental Science & Technology, 2013, 47, 4062-4068.	10.0	39
81	Dechlorane Plus in paired hair and serum samples from e-waste workers: Correlation and differences. Chemosphere, 2015, 123, 43-47.	8.2	39
82	Semivolatile Organic Compounds (SOCs) in Fine Particulate Matter (PM_{2.5}) during Clear, Fog, and Haze Episodes in Winter in Beijing, China. Environmental Science & Technology, 2018, 52, 5199-5207.	10.0	39
83	Polychlorinated biphenyls and chlorinated paraffins in home-produced eggs from an e-waste polluted area in South China: Occurrence and human dietary exposure. Environment International, 2018, 116, 52-59.	10.0	39
84	The development of a cell-based model for the assessment of carcinogenic potential upon long-term PM2.5 exposure. Environment International, 2019, 131, 104943.	10.0	39
85	Environmental occurrence and remediation of emerging organohalides: A review. Environmental Pollution, 2021, 290, 118060.	7.5	39
86	Plastic debris in marine birds from an island located in the South China Sea. Marine Pollution Bulletin, 2019, 149, 110566.	5.0	38
87	Inflammation Response of Water-Soluble Fractions in Atmospheric Fine Particulates: A Seasonal Observation in 10 Large Chinese Cities. Environmental Science & Technology, 2019, 53, 3782-3790.	10.0	38
88	Advances in the study of current-use non-PBDE brominated flame retardants and dechlorane plus in the environment and humans. Science China Chemistry, 2010, 53, 961-973.	8.2	37
89	Vertical profile of soil/sediment pollution and microbial community change by e-waste recycling operation. Science of the Total Environment, 2019, 669, 1001-1010.	8.0	37
90	Gastrointestinal absorption, metabolic debromination, and hydroxylation of three commercial polybrominated diphenyl ether mixtures by common carp. Environmental Toxicology and Chemistry, 2012, 31, 731-738.	4.3	36

#	Article	IF	Citations
91	Leaching of brominated flame retardants (BFRs) from BFRs-incorporated plastics in digestive fluids and the influence of bird diets. Journal of Hazardous Materials, 2020, 393, 122397.	12.4	36
92	Spatiotemporal distribution, partitioning behavior and flux of per- and polyfluoroalkyl substances in surface water and sediment from Poyang Lake, China. Chemosphere, 2022, 295, 133855.	8.2	36
93	Tracing the Biotransformation of PCBs and PBDEs in Common Carp (Cyprinus carpio) Using Compound-Specific and Enantiomer-Specific Stable Carbon Isotope Analysis. Environmental Science & Technology, 2017, 51, 2705-2713.	10.0	35
94	Bioaccumulation of Persistent Halogenated Organic Pollutants in Insects: Common Alterations to the Pollutant Pattern for Different Insects during Metamorphosis. Environmental Science & Technology, 2018, 52, 5145-5153.	10.0	35
95	Determination of organophosphorus flame retardants in fish by freezing-lipid precipitation, solid-phase extraction and gas chromatography-mass spectrometry. Journal of Chromatography A, 2018, 1532, 68-73.	3.7	35
96	Occurrence, biomagnification and maternal transfer of legacy and emerging organophosphorus flame retardants and plasticizers in water snake from an e-waste site. Environment International, 2019, 133, 105240.	10.0	35
97	Insights into biomonitoring of human exposure to polycyclic aromatic hydrocarbons with hair analysis: A case study in e-waste recycling area. Environment International, 2020, 136, 105432.	10.0	35
98	Sources, gastrointestinal absorption and stereo-selective and tissue-specific accumulation of Dechlorane Plus (DP) in chicken. Chemosphere, 2014, 114, 241-246.	8.2	34
99	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. Science of the Total Environment, 2018, 634, 509-515.	8.0	33
100	Halogenated organic pollutants in sediments and organisms from mangrove wetlands of the Jiulong River Estuary, South China. Environmental Research, 2019, 171, 145-152.	7.5	33
101	Biological risk and pollution history of polycyclic aromatic hydrocarbons (PAHs) in Nansha mangrove, South China. Marine Pollution Bulletin, 2014, 85, 92-98.	5.0	32
102	Organohalogen pollutants in surface particulates from workshop floors of four major e-waste recycling sites in China and implications for emission lists. Science of the Total Environment, 2016, 569-570, 982-989.	8.0	32
103	The leaching of additive-derived flame retardants (FRs) from plastics in avian digestive fluids: The significant risk of highly lipophilic FRs. Journal of Environmental Sciences, 2019, 85, 200-207.	6.1	32
104	Organophosphate esters (OPEs) in fine particulate matter (PM2.5) in urban, e-waste, and background regions of South China. Journal of Hazardous Materials, 2020, 385, 121583.	12.4	32
105	Tetrabromobisphenol A and hexabromocyclododecanes in sediments and biota from two typical mangrove wetlands of South China: Distribution, bioaccumulation and biomagnification. Science of the Total Environment, 2021, 750, 141695.	8.0	32
106	Historical trends and ecological risks of polybrominated diphenyl ethers (PBDEs) and alternative halogenated flame retardants (AHFRs) in a mangrove in South China. Science of the Total Environment, 2017, 599-600, 181-187.	8.0	31
107	Halogenated Organic Pollutant Residuals in Human Bared and Clothing-Covered Skin Areas: Source Differentiation and Comprehensive Health Risk Assessment. Environmental Science & Technology, 2019, 53, 14700-14708.	10.0	31
108	Application of a novel gene encoding bromophenol dehalogenase from Ochrobactrum sp. T in TBBPA degradation. Chemosphere, 2019, 217, 507-515.	8.2	30

#	Article	IF	Citations
109	Species-specific biomagnification and habitat-dependent trophic transfer of halogenated organic pollutants in insect-dominated food webs from an e-waste recycling site. Environment International, 2020, 138, 105674.	10.0	30
110	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?. Journal of Hazardous Materials, 2021, 410, 124649.	12.4	30
111	Organohalogen contamination in passerine birds from three metropolises in China: Geographical variation and its implication for anthropogenic effects on urban environments. Environmental Pollution, 2014, 188, 118-123.	7.5	29
112	Occurrence of PBDEs and alternative halogenated flame retardants in sewage sludge from the industrial city of Guangzhou, China. Environmental Pollution, 2017, 220, 63-71.	7.5	29
113	Responses of soil microbial communities to prescribed burning in two paired vegetation sites in southern China. Ecological Research, 2011, 26, 669-677.	1.5	28
114	Isomers of Dechlorane Plus in an aquatic environment in a highly industrialized area in Southern China: Spatial and vertical distribution, phase partition, and bioaccumulation. Science of the Total Environment, 2014, 481, 1-6.	8.0	28
115	Hexabromocyclododecanes (HBCDs) in fish: Evidence of recent HBCD input into the coastal environment. Marine Pollution Bulletin, 2018, 126, 357-362.	5.0	28
116	Enantioselective Dechlorination of Polychlorinated Biphenyls in Dehalococcoides mccartyi CG1. Applied and Environmental Microbiology, 2018, 84, .	3.1	28
117	Bioaccumulation and translocation of tetrabromobisphenol A and hexabromocyclododecanes in mangrove plants from a national nature reserve of Shenzhen City, South China. Environment International, 2019, 129, 239-246.	10.0	28
118	In vitro metabolism of BDE-47, BDE-99, and Î±-, Î²-, Î³-HBCD isomers by chicken liver microsomes. Environmental Research, 2015, 143, 221-228.	7.5	27
119	Flame retardants on the surface of phones and personal computers. Science of the Total Environment, 2017, 609, 541-545.	8.0	27
120	Legacy and emerging organohalogenated contaminants in wild edible aquatic organisms: Implications for bioaccumulation and human exposure. Science of the Total Environment, 2018, 616-617, 38-45.	8.0	27
121	Simultaneous Determination of Multiple Classes of Phenolic Compounds in Human Urine: Insight into Metabolic Biomarkers of Occupational Exposure to E-Waste. Environmental Science and Technology Letters, 2020, 7, 323-329.	8.7	27
122	Occurrence of persistent organic pollutants in marine fish from the Natuna Island, South China Sea. Marine Pollution Bulletin, 2014, 85, 274-279.	5.0	26
123	Species-Specific Bioaccumulation of Halogenated Organic Pollutants and Their Metabolites in Fish Serum from an E-Waste Site, South China. Archives of Environmental Contamination and Toxicology, 2014, 67, 348-357.	4.1	26
124	Simultaneous determination of legacy and emerging organophosphorus flame retardants and plasticizers in indoor dust using liquid and gas chromatographyâ€“tandem mass spectrometry: method development, validation, and application. Analytical and Bioanalytical Chemistry, 2019, 411, 7015-7025.	3.7	26
125	In vitro oral and inhalation bioaccessibility of hydrophobic organic contaminants (HOCs) in airborne particles and influence of relevant parameters. Environmental Research, 2019, 170, 134-140.	7.5	26
126	Bioaccumulation and translocation of organophosphate esters in a Mangrove Nature Reserve from the Pearl River Estuary, South China. Journal of Hazardous Materials, 2022, 427, 127909.	12.4	26

#	Article	IF	Citations
127	Tissue accumulation and speciesâ€specific metabolism of technical pentabrominated diphenyl ether (DEâ€71) in two predator fish. Environmental Toxicology and Chemistry, 2013, 32, 757-763.	4.3	25
128	Halogenated flame retardants in mangrove sediments from the Pearl River Estuary, South China: Comparison with historical data and correlation with microbial community. Chemosphere, 2019, 227, 315-322.	8.2	25
129	Sources of halogenated brominated retardants in house dust in an industrial city in southern China and associated human exposure. Environmental Research, 2014, 135, 190-195.	7.5	24
130	Alteration of Diastereoisomeric and Enantiomeric Profiles of Hexabromocyclododecanes (HBCDs) in Adult Chicken Tissues, Eggs, and Hatchling Chickens. Environmental Science & Technology, 2017, 51, 5492-5499.	10.0	24
131	PCDD/Fs in paired hair and serum of workers from a municipal solid waste incinerator plant in South China: Concentrations, correlations, and source identification. Environment International, 2020, 144, 106064.	10.0	24
132	Tracing the sources and microbial degradation of PCBs in field sediments by a multiple-line-of-evidence approach including compound-specific stable isotope analysis. Water Research, 2020, 182, 115977.	11.3	24
133	Polybrominated diphenyl ethers and alternative halogenated flame retardants in mangrove plants from Futian National Nature Reserve of Shenzhen City, South China. Environmental Pollution, 2020, 260, 114087.	7.5	24
134	Trophic Magnification of Short- and Medium-Chain Chlorinated Paraffins in Terrestrial Food Webs and Their Bioamplification in Insects and Amphibians during Metamorphosis. Environmental Science & Technology, 2020, 54, 11282-11291.	10.0	23
135	Halogenated flame retardants (HFRs) and water-soluble ions (WSIs) in fine particulate matter (PM2.5) in three regions of South China. Environmental Pollution, 2018, 238, 823-832.	7.5	22
136	Uptake of halogenated organic compounds (HOCs) into peanut and corn during the whole life cycle grown in an agricultural field. Environmental Pollution, 2020, 263, 114400.	7.5	22
137	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. Environmental Pollution, 2015, 203, 7-14.	7.5	21
138	Spatial distribution and hazard of halogenated flame retardants and polychlorinated biphenyls to common kingfisher (Alcedo atthis) from a region of South China affected by electronic waste recycling. Environment International, 2019, 130, 104952.	10.0	21
139	Organophosphate esters and their specific metabolites in chicken eggs from across Australia: Occurrence, profile, and distribution between yolk and albumin fractions. Environmental Pollution, 2020, 262, 114260.	7.5	21
140	Bioaccumulation of short-chain chlorinated paraffins in chicken (Gallus domesticus): Comparison to fish. Journal of Hazardous Materials, 2020, 396, 122590.	12.4	21
141	Legacy and alternative plasticizers in surface sediment of black-odorous urban rivers across China: Occurrence, spatial distribution, and ecological risk assessment. Chemosphere, 2021, 283, 131206.	8.2	21
142	Application of compound-specific stable carbon isotope analysis for the biotransformation and trophic dynamics of PBDEs in a feeding study with fish. Environmental Pollution, 2013, 176, 36-41.	7.5	19
143	Sex-dependent accumulation and maternal transfer of Dechlorane Plus flame retardant in fish from an electronic waste recycling site in South China. Environmental Pollution, 2013, 177, 150-155.	7.5	19
144	Potential association between exposure to legacy persistent organic pollutants and parasitic body burdens in Indo-Pacific finless porpoises from the Pearl River Estuary, China. Science of the Total Environment, 2018, 643, 785-792.	8.0	19

#	Article	IF	Citations
145	Changes in human hair levels of organic contaminants reflecting China's regulations on electronic waste recycling. Science of the Total Environment, 2022, 806, 150411.	8.0	19
146	Gastrointestinal absorption, dynamic tissue-specific accumulation, and isomer composition of dechlorane plus and related analogs in common carp by dietary exposure. Ecotoxicology and Environmental Safety, 2014, 100, 32-38.	6.0	18
147	Decabromodiphenyl ether (BDE-209) enhances foam cell formation in human macrophages via augmenting Toll-like receptor 4-dependent lipid uptake. Food and Chemical Toxicology, 2018, 121, 367-373.	3.6	18
148	Short- and medium-chain chlorinated paraffins in aquatic organisms from an e-waste site: Biomagnification and maternal transfer. Science of the Total Environment, 2020, 708, 134840.	8.0	18
149	Bioaccumulation characteristics of PBDEs and alternative brominated flame retardants in a wild frog-eating snake. Environmental Pollution, 2020, 258, 113661.	7.5	18
150	PCBs and DDTs in light-vented bulbuls from Guangdong Province, South China: Levels, geographical pattern and risk assessment. Science of the Total Environment, 2014, 490, 815-821.	8.0	17
151	Spatial and Vertical Distribution of Dechlorane Plus in Mangrove Sediments of the Pearl River Estuary, South China. Archives of Environmental Contamination and Toxicology, 2016, 71, 359-364.	4.1	17
152	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. Chemosphere, 2016, 151, 30-36.	8.2	17
153	Polychlorinated biphenyls in apple snails from an abandoned e-waste recycling site, 2010â€“2016: A temporal snapshot after the regulatory efforts and the bioaccumulation characteristics. Science of the Total Environment, 2019, 650, 779-785.	8.0	17
154	Size-dependent concentrations and bioaccessibility of organophosphate esters (OPEs) in indoor dust: A comparative study from a megacity and an e-waste recycling site. Science of the Total Environment, 2019, 650, 1954-1960.	8.0	17
155	Bioaccumulation and human health risk assessment of DDT and its metabolites (DDTs) in yellowfin tuna (Thunnus albacares) and their prey from the South China Sea. Marine Pollution Bulletin, 2020, 158, 111396.	5.0	17
156	Occurrence and distribution of antibiotics in sediments from black-odor ditches in urban areas from China. Science of the Total Environment, 2021, 787, 147554.	8.0	17
157	Accumulation of Dechlorane Plus flame retardant in terrestrial passerines from a nature reserve in South China: The influences of biological and chemical variables. Science of the Total Environment, 2015, 514, 77-82.	8.0	15
158	Characterization and risk assessment of total suspended particles (TSP) and fine particles (PM2.5) in a rural transformational e-waste recycling region of Southern China. Science of the Total Environment, 2019, 692, 432-440.	8.0	15
159	Genome sequence of a spore-laccase forming, BPA-degrading Bacillus sp. GZB isolated from an electronic-waste recycling site reveals insights into BPA degradation pathways. Archives of Microbiology, 2019, 201, 623-638.	2.2	15
160	MicroRNAâ€“21 attenuates BDE-209-induced lipid accumulation in THP-1 macrophages by downregulating Toll-like receptor 4 expression. Food and Chemical Toxicology, 2019, 125, 71-77.	3.6	15
161	Mechanistic Aspects Regarding the Ultraviolet Degradation of Polychlorinated Biphenyls in Different Media: Insights from Carbon and Chlorine Isotope Fractionation. Environmental Science & Technology, 2021, 55, 7731-7740.	10.0	15
162	Occurrence and Distribution of Persistent Organic Pollutants (POPs) in Amphibian Species: Implications from Biomagnification Factors Based on Quantitative Fatty Acid Signature Analysis. Environmental Science & Technology, 2022, 56, 3117-3126.	10.0	15

#	Article	IF	Citations
163	Speciesâ€specific and structureâ€dependent debromination of polybrominated diphenyl ether in fish by in vitro hepatic metabolism. Environmental Toxicology and Chemistry, 2017, 36, 2005-2011.	4.3	14
164	Characterization of airborne particles and cytotoxicity to a human lung cancer cell line in Guangzhou, China. Environmental Research, 2021, 196, 110953.	7.5	14
165	Persistent halogenated compounds in captive Chinese alligators (Alligator sinensis) from China. Chemosphere, 2014, 110, 23-30.	8.2	13
166	In ovo uptake, metabolism, and tissue-specific distribution of chiral PCBs and PBDEs in developing chicken embryos. Scientific Reports, 2016, 6, 36597.	3.3	13
167	Selection of passerine birds as bio-sentinel of persistent organic pollutants in terrestrial environment. Science of the Total Environment, 2018, 633, 1237-1244.	8.0	13
168	Persistent organic pollutants (POPs) in oriental magpie-robins from e-waste, urban, and rural sites: Site-specific biomagnification of POPs. Ecotoxicology and Environmental Safety, 2019, 186, 109758.	6.0	13
169	Occurrence and congener profiles of polybrominated diphenyl ethers in green mussels (Perna viridis) collected from northern South China Sea and the associated potential health risk. Science of the Total Environment, 2020, 698, 134276.	8.0	13
170	Determination of tetrabromobisphenol-A/S and their eight derivatives in abiotic (soil/dust) samples using ultra-high performance liquid chromatography-tandem mass spectrometry. Journal of Chromatography A, 2021, 1647, 462152.	3.7	13
171	Decarbromodiphenyl ether (BDE-209) promotes monocyteâ€“endothelial adhesion in cultured human aortic endothelial cells through upregulating intercellular adhesion molecule-1. Environmental Research, 2019, 169, 62-71.	7.5	12
172	Occurrence of organic pollutants in plastics on beach: Stranded foams can be sources of pollutants in islands. Science of the Total Environment, 2020, 707, 136119.	8.0	12
173	Brominated and phosphate flame retardants from interior and surface dust of personal computers: insights into sources for human dermal exposure. Environmental Science and Pollution Research, 2021, 28, 12566-12575.	5.3	12
174	Traditional and novel organophosphate esters (OPEs) in PM2.5 of a megacity, southern China: Spatioseasonal variations, sources, and influencing factors. Environmental Pollution, 2021, 284, 117208.	7.5	12
175	Insight into phototransformation mechanism and toxicity evolution of novel and legacy brominated flame retardants in water: A comparative analysis. Water Research, 2022, 211, 118041.	11.3	12
176	Dechlorane Plus flame retardant in a contaminated frog species: Biomagnification and isomer-specific transfer from females to their eggs. Chemosphere, 2018, 211, 218-225.	8.2	11
177	Purification, molecular characterization and metabolic mechanism of an aerobic tetrabromobisphenol A dehalogenase, a key enzyme of halorespiration in Ochrobactrum sp. T. Chemosphere, 2019, 237, 124461.	8.2	11
178	Tris (1,3-dichloro-2-propyl) phosphate exposure disrupts the gut microbiome and its associated metabolites in mice. Environment International, 2021, 146, 106256.	10.0	11
179	Comprehensive exploration of the ultraviolet degradation of polychlorinated biphenyls in different media. Science of the Total Environment, 2021, 755, 142590.	8.0	11
180	Semi-volatile organic compounds in fine particulate matter on a tropical island in the South China Sea. Journal of Hazardous Materials, 2022, 426, 128071.	12.4	11

#	Article	IF	Citations
181	Trophic transfer of methylmercury and brominated flame retardants in adjacent riparian and aquatic food webs: 13C indicates biotransport of contaminants through food webs. Environmental Pollution, 2022, 306, 119433.	7.5	11
182	Mechanistic insight into co-metabolic dechlorination of hexachloro-1,3-butadiene in Dehalococcoides. Water Research, 2022, 220, 118725.	11.3	11
183	Method for the purification of polybrominated diphenyl ethers in sediment for compound-specific isotope analysis. Talanta, 2013, 111, 93-97.	5.5	10
184	Do Bird Assemblages Predict Susceptibility by E-Waste Pollution? A Comparative Study Based on Species- and Guild-Dependent Responses in China Agroecosystems. PLoS ONE, 2015, 10, e0122264.	2.5	10
185	Stereoselective bioaccumulation of syn- and anti-Dechlorane plus isomers in different tissues of common carp (Cyprinus carpio). Science of the Total Environment, 2018, 616-617, 1339-1346.	8.0	10
186	Biodegradation of typical BFRs 2,4,6-tribromophenol by an indigenous strain Bacillus sp. GZT isolated from e-waste dismantling area through functional heterologous expression. Science of the Total Environment, 2019, 697, 134159.	8.0	10
187	Species-specific debromination of polybromodiphenyl ethers determined by deiodinase activity in fish. Environmental Pollution, 2019, 246, 710-716.	7.5	10
188	Bioaccumulation and biomagnii¬€cation of hexabromocyclododecane (HBCDD) in insect-dominated food webs from a former e-waste recycling site in South China. Chemosphere, 2020, 240, 124813.	8.2	10
189	Effects of carbonaceous materials and particle size on oral and inhalation bioaccessibility of PAHs and OPEs in airborne particles. Environmental Science and Pollution Research, 2021, 28, 62133-62141.	5.3	10
190	Geographical distribution and risk assessment of dichlorodiphenyltrichloroethane and its metabolites in Perna viridis mussels from the northern coast of the South China Sea. Marine Pollution Bulletin, 2020, 151, 110819.	5.0	10
191	PM2.5-bound phthalates and phthalate substitutes in a megacity of southern China: spatioseasonal variations, source apportionment, and risk assessment. Environmental Science and Pollution Research, 2022, 29, 37737-37747.	5.3	10
192	Occurrence, seasonal variation and environmental impact of phosphorus flame retardants in a large scale wastewater treatment plant. Environmental Science and Pollution Research, 2019, 26, 36333-36342.	5.3	9
193	Contamination of organohalogen chemicals and hepatic steatosis in common kingfisher (Alcedo) Tj ETQq1 1 0.784314 rgBT /Overlock 1 Environment, 2019, 659, 561-567.	8.0	9
194	One-year characterization of organic aerosol markers in urban Beijing: Seasonal variation and spatiotemporal comparison. Science of the Total Environment, 2020, 743, 140689.	8.0	9
195	Sex-Specific Bioamplification of Halogenated Organic Pollutants during Silkworm (<i>Bombyx) Tj ETQq1 1 0.784314 rgBT /Overlock 1 & Technology, 2020, 54, 8167-8176.	10.0	9
196	Bioaccumulation of legacy and emerging organophosphorus flame retardants and plasticizers in insects during metamorphosis. Journal of Hazardous Materials, 2021, 406, 124688.	12.4	9
197	Halogenated flame retardants in surface sediments from fourteen estuaries, South China. Marine Pollution Bulletin, 2021, 164, 112099.	5.0	9
198	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. Environmental Science & Technology, 2018, 52, 10359-10368.	10.0	8

#	Article	IF	Citations
199	Chlorine and Bromine Isotope Analysis of Polychlorinated Biphenyls and Polybrominated Diphenyl Ethers Using Gas Chromatography-Quadrupole Mass Spectrometry. Journal of Chromatography A, 2020, 1634, 461715.	3.7	8
200	Legacy and emerging organophosphorus flame retardants and plasticizers in frogs: Sex difference and parental transfer. Environmental Pollution, 2020, 266, 115336.	7.5	8
201	Effect of laying sequence and selection of maternal tissues in assessment of maternal transfer of organohalogenated contaminants during chicken egg formation: A pilot study. Environmental Pollution, 2021, 270, 116157.	7.5	8
202	Abundances, depositional fluxes, and homologue patterns of polychlorinated biphenyls in dated sediment cores from the Pearl River Delta, China. Environmental Science & Technology, 2005, 39, 49-56.	10.0	8
203	Separation of polybrominated diphenyl ethers in fish for compound-specific stable carbon isotope analysis. Science of the Total Environment, 2012, 425, 208-213.	8.0	7
204	Geographical distribution and risk assessment of persistent organic pollutants in golden threads (Nemipterus virgatus) from the northern South China Sea. Ecotoxicology, 2015, 24, 1593-1600.	2.4	7
205	Aquatic bioaccumulation and trophic transfer of tetrabromobisphenol-A flame retardant introduced from a typical e-waste recycling site. Environmental Science and Pollution Research, 2016, 23, 14663-14670.	5.3	7
206	Tracing the biotransformation of polychlorinated biphenyls (PCBs) in common carp (Cryprinus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46 2016, 159, 449-456.	8.2	7
207	Hepatic ethoxyresorufinâ€Oâ€deethylase induction in the common kingfisher from an electronic waste recycling site. Environmental Toxicology and Chemistry, 2016, 35, 1594-1599.	4.3	7
208	Contaminant-related oxidative distress in common kingfisher (Alcedo atthis) breeding at an e-waste site in South China. Environmental Research, 2020, 182, 109079.	7.5	7
209	Alternative halogenated flame retardants (AHFRs) in green mussels from the south China sea. Environmental Research, 2020, 182, 109082.	7.5	7
210	Observable carbon isotope fractionation in the photodegradation of polybrominated diphenyl ethers by simulated sunlight. Chemosphere, 2021, 266, 128950.	8.2	7
211	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. Analytica Chimica Acta, 2022, 1204, 339618.	5.4	7
212	Nontarget analysis and comprehensive characterization of halogenated organic pollutants by GC-Q-Orbitrap-HRMS in association with chromatogram segmentation and Cl/Br-specific screening algorithms. Analytica Chimica Acta, 2022, 1222, 340171.	5.4	7
213	To facilitate the advance of risk analysis and crisis response in China. Environmental Research, 2016, 148, 547-549.	7.5	6
214	Comparative study of dechlorane plus (DP) in adult chickens and developing embryos: Stereo-selective bioaccumulation of DP in chickens. Environmental Pollution, 2019, 247, 550-555.	7.5	6
215	Investigation into Polycyclic Aromatic Hydrocarbons in Sediments of Wei River Basin. Water, Air, and Soil Pollution, 2021, 232, 1.	2.4	5
216	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: 2013â€“2017. Environmental Science and Pollution Research, 2022, 29, 33295-33304.	5.3	5

#	Article	IF	Citations
217	Age- and sex-specific dermal exposure of polycyclic aromatic hydrocarbons in the general population of a city in south China. Environmental Pollution, 2022, 310, 119802.	7.5	5
218	High-resolution sedimentary record of hydrocarbon contaminants in a core from the major reaches of the Pearl River, China. Science Bulletin, 2000, 45, 97-104.	1.7	4
219	Brominated flame retardants (BFRs) in PM_{2.5} associated with various source sectors in southern China. Environmental Sciences: Processes and Impacts, 2021, 23, 179-187.	3.5	4
220	Halogenated flame retardants in wild, prey-sized mud carp from an e-waste recycling site in South China, 2006â€“2016: Residue dynamics and ecological risk assessment. Environmental Pollution, 2021, 291, 118270.	7.5	4
221	Evidence for complex sources of persistent halogenated compounds in birds from the south China sea. Environmental Research, 2020, 185, 109462.	7.5	1
222	Tissue-Specific Distribution of Legacy and Emerging Organophosphorus Flame Retardants and Plasticizers in Frogs. Toxics, 2021, 9, 124.	3.7	1
223	Investigating the spatial distribution of polychlorinated biphenyls in sediment in the Pearl River Delta, South China. Environmental Monitoring and Assessment, 2021, 193, 321.	2.7	1
224	Bioaccumulation and maternal transfer of two understudied DDT metabolites in wild fish species. Science of the Total Environment, 2022, 818, 151814.	8.0	1
225	Response to Comment on â€œComparative Tissue Distribution, Biotransformation and Associated Biological Effects by Decabromodiphenyl Ethane and Decabrominated Diphenyl Ether in Male Rats after a 90-Day Oral Exposure Studyâ€• Environmental Science & Technology, 2011, 45, 5062-5063.	10.0	0
226	To facilitate the advance of hydrology, water resources and environmental research in China. Environmental Research, 2015, 139, 1-2.	7.5	0
227	Sex- and size-dependent accumulation of Dechlorane Plus flame retardant in a wild frog-eating snake Amphiesma stolata. Environmental Pollution, 2022, 297, 118793.	7.5	0