

Bi-Xian Mai

List of Publications by Year in descending order

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227
papers

9,973
citations

36303

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85
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docs citations

228
times ranked

5970
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | 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. | 8.0 | 19 |
| 2 | Bioaccumulation and translocation of organophosphate esters in a Mangrove Nature Reserve from the Pearl River Estuary, South China. <i>Journal of Hazardous Materials</i> , 2022, 427, 127909. | 12.4 | 26 |
| 3 | Bioaccumulation and maternal transfer of two understudied DDT metabolites in wild fish species. <i>Science of the Total Environment</i> , 2022, 818, 151814. | 8.0 | 1 |
| 4 | 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. | 11.3 | 12 |
| 5 | Semi-volatile organic compounds in fine particulate matter on a tropical island in the South China Sea. <i>Journal of Hazardous Materials</i> , 2022, 426, 128071. | 12.4 | 11 |
| 6 | 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. | 7.5 | 0 |
| 7 | 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, 29, 33295-33304. | 5.3 | 5 |
| 8 | PM2.5-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, 29, 37737-37747. | 5.3 | 10 |
| 9 | 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, 56, 3117-3126. | 10.0 | 15 |
| 10 | Spatiotemporal distribution, partitioning behavior and flux of per- and polyfluoroalkyl substances in surface water and sediment from Poyang Lake, China. <i>Chemosphere</i> , 2022, 295, 133855. | 8.2 | 36 |
| 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. | 5.4 | 7 |
| 12 | Trophic transfer of methylmercury and brominated flame retardants in adjacent riparian and aquatic food webs: ^{13}C indicates biotransport of contaminants through food webs. <i>Environmental Pollution</i> , 2022, 306, 119433. | 7.5 | 11 |
| 13 | Mechanistic insight into co-metabolic dechlorination of hexachloro-1,3-butadiene in <i>Dehalococcoides</i> . <i>Water Research</i> , 2022, 220, 118725. | 11.3 | 11 |
| 14 | 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. <i>Analytica Chimica Acta</i> , 2022, 1222, 340171. | 5.4 | 7 |
| 15 | Age- and sex-specific dermal exposure of polycyclic aromatic hydrocarbons in the general population of a city in south China. <i>Environmental Pollution</i> , 2022, 310, 119802. | 7.5 | 5 |
| 16 | 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. | 10.0 | 11 |
| 17 | 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. | 12.4 | 30 |
| 18 | Comprehensive exploration of the ultraviolet degradation of polychlorinated biphenyls in different media. <i>Science of the Total Environment</i> , 2021, 755, 142590. | 8.0 | 11 |

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|----|--|------|-----------|
| 19 | 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. | 8.0 | 32 |
| 20 | Observable carbon isotope fractionation in the photodegradation of polybrominated diphenyl ethers by simulated sunlight. <i>Chemosphere</i> , 2021, 266, 128950. | 8.2 | 7 |
| 21 | 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. | 7.5 | 8 |
| 22 | 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. | 5.3 | 12 |
| 23 | Brominated flame retardants (BFRs) in PM _{2.5} associated with various source sectors in southern China. <i>Environmental Sciences: Processes and Impacts</i> , 2021, 23, 179-187. | 3.5 | 4 |
| 24 | Bioaccumulation of legacy and emerging organophosphorus flame retardants and plasticizers in insects during metamorphosis. <i>Journal of Hazardous Materials</i> , 2021, 406, 124688. | 12.4 | 9 |
| 25 | Halogenated flame retardants in surface sediments from fourteen estuaries, South China. <i>Marine Pollution Bulletin</i> , 2021, 164, 112099. | 5.0 | 9 |
| 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. | 10.0 | 50 |
| 27 | Characterization of airborne particles and cytotoxicity to a human lung cancer cell line in Guangzhou, China. <i>Environmental Research</i> , 2021, 196, 110953. | 7.5 | 14 |
| 28 | Tissue-Specific Distribution of Legacy and Emerging Organophosphorus Flame Retardants and Plasticizers in Frogs. <i>Toxics</i> , 2021, 9, 124. | 3.7 | 1 |
| 29 | 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. | 10.0 | 15 |
| 30 | 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. | 2.7 | 1 |
| 31 | 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. | 5.3 | 10 |
| 32 | 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. | 3.7 | 13 |
| 33 | 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. | 10.0 | 44 |
| 34 | 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. | 7.5 | 4 |
| 35 | Traditional and novel organophosphate esters (OPEs) in PM _{2.5} of a megacity, southern China: Spatioseasonal variations, sources, and influencing factors. <i>Environmental Pollution</i> , 2021, 284, 117208. | 7.5 | 12 |
| 36 | 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. | 8.0 | 17 |

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|----|---|------|-----------|
| 37 | 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. | 8.2 | 21 |
| 38 | Environmental occurrence and remediation of emerging organohalides: A review. <i>Environmental Pollution</i> , 2021, 290, 118060. | 7.5 | 39 |
| 39 | Investigation into Polycyclic Aromatic Hydrocarbons in Sediments of Wei River Basin. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1. | 2.4 | 5 |
| 40 | 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. | 8.2 | 10 |
| 41 | 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. | 8.0 | 13 |
| 42 | 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. | 8.0 | 18 |
| 43 | 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. | 10.0 | 35 |
| 44 | 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. | 7.5 | 7 |
| 45 | 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. | 8.0 | 12 |
| 46 | Alternative halogenated flame retardants (AHFRs) in green mussels from the south China sea. <i>Environmental Research</i> , 2020, 182, 109082. | 7.5 | 7 |
| 47 | Organophosphate esters (OPEs) in fine particulate matter (PM _{2.5}) in urban, e-waste, and background regions of South China. <i>Journal of Hazardous Materials</i> , 2020, 385, 121583. | 12.4 | 32 |
| 48 | Bioaccumulation characteristics of PBDEs and alternative brominated flame retardants in a wild frog-eating snake. <i>Environmental Pollution</i> , 2020, 258, 113661. | 7.5 | 18 |
| 49 | Antibiotics and Food Safety in Aquaculture. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 11908-11919. | 5.2 | 215 |
| 50 | 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. | 10.0 | 24 |
| 51 | 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. | 8.0 | 9 |
| 52 | 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. | 3.7 | 8 |
| 53 | Legacy and emerging organophosphorus flame retardants and plasticizers in indoor microenvironments from Guangzhou, South China. <i>Environment International</i> , 2020, 143, 105972. | 10.0 | 44 |
| 54 | Legacy and emerging organophosphorus flame retardants and plasticizers in frogs: Sex difference and parental transfer. <i>Environmental Pollution</i> , 2020, 266, 115336. | 7.5 | 8 |

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|----|---|------|-----------|
| 55 | 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. | 10.0 | 23 |
| 56 | 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. | 11.3 | 24 |
| 57 | 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. | 10.0 | 61 |
| 58 | 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. | 12.4 | 36 |
| 59 | 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. | 5.0 | 17 |
| 60 | Bioaccumulation and trophic transfer of organophosphate esters in tropical marine food web, South China Sea. <i>Environment International</i> , 2020, 143, 105919. | 10.0 | 68 |
| 61 | 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. | 7.5 | 21 |
| 62 | 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. | 7.5 | 24 |
| 63 | Evidence for complex sources of persistent halogenated compounds in birds from the south China sea. <i>Environmental Research</i> , 2020, 185, 109462. | 7.5 | 1 |
| 64 | 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. | 10.0 | 30 |
| 65 | Bioaccumulation of short-chain chlorinated paraffins in chicken (<i>Gallus domesticus</i>): Comparison to fish. <i>Journal of Hazardous Materials</i> , 2020, 396, 122590. | 12.4 | 21 |
| 66 | Sex-Specific Bioamplification of Halogenated Organic Pollutants during Silkworm (<i>Bombyx mori</i>) Larval Development. <i>Environmental Science & Technology</i> , 2020, 54, 8167-8176. | 10.0 | 9 |
| 67 | 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. | 8.7 | 27 |
| 68 | 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. | 7.5 | 22 |
| 69 | 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. | 5.0 | 10 |
| 70 | 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. | 10.0 | 39 |
| 71 | 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. | 6.1 | 32 |
| 72 | 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. <i>Science of the Total Environment</i> , 2019, 692, 432-440. | 8.0 | 15 |

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|----|--|------|-----------|
| 73 | 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. | 8.2 | 11 |
| 74 | 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. | 10.0 | 21 |
| 75 | 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. | 10.0 | 31 |
| 76 | 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. | 8.0 | 10 |
| 77 | 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. | 6.0 | 13 |
| 78 | 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. | 5.3 | 9 |
| 79 | Organophosphorus flame retardants in a typical freshwater food web: Bioaccumulation factors, tissue distribution, and trophic transfer. <i>Environmental Pollution</i> , 2019, 255, 113286. | 7.5 | 42 |
| 80 | 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. | 3.7 | 26 |
| 81 | Plastic debris in marine birds from an island located in the South China Sea. <i>Marine Pollution Bulletin</i> , 2019, 149, 110566. | 5.0 | 38 |
| 82 | Contamination of organohalogen chemicals and hepatic steatosis in common kingfisher (<i>Alcedo</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 Environment, 2019, 659, 561-567. | 8.0 | 9 |
| 83 | 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. | 7.5 | 6 |
| 84 | 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. | 8.0 | 49 |
| 85 | 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. | 10.0 | 64 |
| 86 | 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. | 10.0 | 28 |
| 87 | 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. | 10.0 | 98 |
| 88 | 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. | 8.2 | 25 |
| 89 | 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. | 8.0 | 37 |
| 90 | 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. | 7.5 | 108 |

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| 91 | Bioconcentration and biotransformation of organophosphorus flame retardants (PFRs) in common carp (<i>Cyprinus carpio</i>). <i>Environment International</i> , 2019, 126, 512-522. | 10.0 | 47 |
| 92 | 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. | 10.0 | 38 |
| 93 | 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. | 10.0 | 62 |
| 94 | 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. | 2.2 | 15 |
| 95 | 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. | 10.0 | 64 |
| 96 | 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. | 10.0 | 35 |
| 97 | 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. | 8.0 | 17 |
| 98 | 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. | 7.5 | 26 |
| 99 | 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. | 3.6 | 15 |
| 100 | Application of a novel gene encoding bromophenol dehalogenase from <i>Ochrobactrum</i> sp. T in TBBPA degradation. <i>Chemosphere</i> , 2019, 217, 507-515. | 8.2 | 30 |
| 101 | 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. | 7.5 | 12 |
| 102 | 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. | 10.0 | 55 |
| 103 | Species-specific debromination of polybromodiphenyl ethers determined by deiodinase activity in fish. <i>Environmental Pollution</i> , 2019, 246, 710-716. | 7.5 | 10 |
| 104 | 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. | 7.5 | 33 |
| 105 | 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. | 8.0 | 17 |
| 106 | The distribution and accumulation of phosphate flame retardants (PFRs) in water environment. <i>Science of the Total Environment</i> , 2018, 630, 164-170. | 8.0 | 63 |
| 107 | Halogenated flame retardants (HFRs) and water-soluble ions (WSIs) in fine particulate matter (PM _{2.5}) in three regions of South China. <i>Environmental Pollution</i> , 2018, 238, 823-832. | 7.5 | 22 |
| 108 | Semivolatile Organic Compounds (SOCs) in Fine Particulate Matter (PM _{2.5}) during Clear, Fog, and Haze Episodes in Winter in Beijing, China. <i>Environmental Science & Technology</i> , 2018, 52, 5199-5207. | 10.0 | 39 |

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|-----|---|------|-----------|
| 109 | 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. | 8.0 | 13 |
| 110 | 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. | 8.0 | 33 |
| 111 | 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. | 10.0 | 35 |
| 112 | Hexabromocyclododecanes (HBCDs) in fish: Evidence of recent HBCD input into the coastal environment. <i>Marine Pollution Bulletin</i> , 2018, 126, 357-362. | 5.0 | 28 |
| 113 | Determination of organophosphorus flame retardants in fish by freezing-lipid precipitation, solid-phase extraction and gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2018, 1532, 68-73. | 3.7 | 35 |
| 114 | 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. | 10.0 | 39 |
| 115 | Organophosphorus flame retardants and heavy metals in municipal landfill leachate treatment system in Guangzhou, China. <i>Environmental Pollution</i> , 2018, 236, 137-145. | 7.5 | 47 |
| 116 | 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. | 6.0 | 50 |
| 117 | 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. | 8.0 | 27 |
| 118 | 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. | 8.0 | 10 |
| 119 | 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. | 3.6 | 18 |
| 120 | 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. | 10.0 | 8 |
| 121 | Enantioselective Dechlorination of Polychlorinated Biphenyls in <i>Dehalococcoides mccartyi</i> CG1. <i>Applied and Environmental Microbiology</i> , 2018, 84, . | 3.1 | 28 |
| 122 | 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. | 7.5 | 41 |
| 123 | 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. | 8.0 | 19 |
| 124 | Organophosphorus esters (OPEs) in PM _{2.5} in urban and e-waste recycling regions in southern China: concentrations, sources, and emissions. <i>Environmental Research</i> , 2018, 167, 437-444. | 7.5 | 47 |
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