

Eddy Y Zeng

List of Publications by Year in descending order

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253
papers

16,598
citations

18887

64
h-index

21843

118
g-index

256
all docs

256
docs citations

256
times ranked

16037
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Microplastics in sewage sludge from the wastewater treatment plants in China. <i>Water Research</i> , 2018, 142, 75-85. | 5.3 | 675 |
| 2 | Interaction of toxic chemicals with microplastics: A critical review. <i>Water Research</i> , 2018, 139, 208-219. | 5.3 | 612 |
| 3 | A Review of Microplastics in Table Salt, Drinking Water, and Air: Direct Human Exposure. <i>Environmental Science & Technology</i> , 2020, 54, 3740-3751. | 4.6 | 559 |
| 4 | Distribution of Polybrominated Diphenyl Ethers in Sediments of the Pearl River Delta and Adjacent South China Sea. <i>Environmental Science & Technology</i> , 2005, 39, 3521-3527. | 4.6 | 507 |
| 5 | A Global Perspective on Microplastics. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2018JC014719. | 1.0 | 488 |
| 6 | Removal of hexavalent chromium from aqueous solutions by a novel biochar supported nanoscale iron sulfide composite. <i>Chemical Engineering Journal</i> , 2017, 322, 516-524. | 6.6 | 438 |
| 7 | Assessing heavy metal pollution in the surface soils of a region that had undergone three decades of intense industrialization and urbanization. <i>Environmental Science and Pollution Research</i> , 2013, 20, 6150-6159. | 2.7 | 427 |
| 8 | Distribution of Polycyclic Aromatic Hydrocarbons in the Coastal Region off Macao, China:Â Assessment of Input Sources and Transport Pathways Using Compositional Analysis. <i>Environmental Science & Technology</i> , 2003, 37, 4855-4863. | 4.6 | 368 |
| 9 | E-Waste Recycling: Where Does It Go from Here?. <i>Environmental Science & Technology</i> , 2012, 46, 10861-10867. | 4.6 | 313 |
| 10 | Occurrence of bisphenol S in the environment and implications for human exposure: A short review. <i>Science of the Total Environment</i> , 2018, 615, 87-98. | 3.9 | 290 |
| 11 | Global Epidemiology of Dengue Outbreaks in 1990â€“2015: A Systematic Review and Meta-Analysis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 317. | 1.8 | 242 |
| 12 | Ultrathin metalâ€“organic framework membrane production by gelâ€“vapour deposition. <i>Nature Communications</i> , 2017, 8, 406. | 5.8 | 233 |
| 13 | A review of methods for measuring microplastics in aquatic environments. <i>Environmental Science and Pollution Research</i> , 2018, 25, 11319-11332. | 2.7 | 231 |
| 14 | Concentration Levels, Compositional Profiles, and Gas-Particle Partitioning of Polybrominated Diphenyl Ethers in the Atmosphere of an Urban City in South China. <i>Environmental Science & Technology</i> , 2006, 40, 1190-1196. | 4.6 | 223 |
| 15 | Reduction of Cr(VI) in simulated groundwater by FeS-coated iron magnetic nanoparticles. <i>Science of the Total Environment</i> , 2017, 595, 743-751. | 3.9 | 220 |
| 16 | Global distribution of perfluorochemicals (PFCs) in potential human exposure sourceâ€“A review. <i>Environment International</i> , 2017, 108, 51-62. | 4.8 | 214 |
| 17 | Microplastic Impacts on Microalgae Growth: Effects of Size and Humic Acid. <i>Environmental Science & Technology</i> , 2020, 54, 1782-1789. | 4.6 | 207 |
| 18 | Polybrominated Diphenyl Ethers in Watershed Soils of the Pearl River Delta, China: Occurrence, Inventory, and Fate. <i>Environmental Science & Technology</i> , 2007, 41, 8262-8267. | 4.6 | 201 |

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|----|--|-----|-----------|
| 19 | Distribution and Mass Inventories of Polycyclic Aromatic Hydrocarbons and Organochlorine Pesticides in Sediments of the Pearl River Estuary and the Northern South China Sea. <i>Environmental Science & Technology</i> , 2006, 40, 709-714. | 4.6 | 197 |
| 20 | Response of rice (<i>Oryza sativa</i> L.) roots to nanoplastic treatment at seedling stage. <i>Journal of Hazardous Materials</i> , 2021, 401, 123412. | 6.5 | 186 |
| 21 | Global Riverine Plastic Outflows. <i>Environmental Science & Technology</i> , 2020, 54, 10049-10056. | 4.6 | 174 |
| 22 | Polycyclic Aromatic Hydrocarbons in Riverine Runoff of the Pearl River Delta (China): Concentrations, Fluxes, and Fate. <i>Environmental Science & Technology</i> , 2007, 41, 5614-5619. | 4.6 | 168 |
| 23 | Riverine Inputs of Polybrominated Diphenyl Ethers from the Pearl River Delta (China) to the Coastal Ocean. <i>Environmental Science & Technology</i> , 2007, 41, 6007-6013. | 4.6 | 153 |
| 24 | Energy and air pollution benefits of household fuel policies in northern China. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 16773-16780. | 3.3 | 152 |
| 25 | Riverine Microplastic Pollution in the Pearl River Delta, China: Are Modeled Estimates Accurate?. <i>Environmental Science & Technology</i> , 2019, 53, 11810-11817. | 4.6 | 151 |
| 26 | Strong Sorption of Phenanthrene by Condensed Organic Matter in Soils and Sediments. <i>Environmental Science & Technology</i> , 2007, 41, 3952-3958. | 4.6 | 144 |
| 27 | Effects of in-channel sand excavation on the hydrology of the Pearl River Delta, China. <i>Journal of Hydrology</i> , 2007, 343, 230-239. | 2.3 | 144 |
| 28 | Potential health risk for residents around a typical e-waste recycling zone via inhalation of size-fractionated particle-bound heavy metals. <i>Journal of Hazardous Materials</i> , 2016, 317, 449-456. | 6.5 | 144 |
| 29 | Heavy metal pollution in sediments of a typical mariculture zone in South China. <i>Marine Pollution Bulletin</i> , 2012, 64, 712-720. | 2.3 | 141 |
| 30 | Organochlorine pesticides and polychlorinated biphenyls in riverine runoff of the Pearl River Delta, China: Assessment of mass loading, input source and environmental fate. <i>Environmental Pollution</i> , 2009, 157, 618-624. | 3.7 | 139 |
| 31 | Law Enforcement and Global Collaboration are the Keys to Containing E-Waste Tsunami in China. <i>Environmental Science & Technology</i> , 2009, 43, 3991-3994. | 4.6 | 138 |
| 32 | Polybrominated Diphenyl Ethers in Birds of Prey from Northern China. <i>Environmental Science & Technology</i> , 2007, 41, 1828-1833. | 4.6 | 137 |
| 33 | Sediment Records of Polycyclic Aromatic Hydrocarbons (PAHs) in the Continental Shelf of China: Implications for Evolving Anthropogenic Impacts. <i>Environmental Science & Technology</i> , 2012, 46, 6497-6504. | 4.6 | 136 |
| 34 | Persistent Halogenated Hydrocarbons in Consumer Fish of China: Regional and Global Implications for Human Exposure. <i>Environmental Science & Technology</i> , 2007, 41, 1821-1827. | 4.6 | 134 |
| 35 | Polycyclic aromatic hydrocarbons affiliated with microplastics in surface waters of Bohai and Huanghai Seas, China. <i>Environmental Pollution</i> , 2018, 241, 834-840. | 3.7 | 129 |
| 36 | Riverine inputs of total organic carbon and suspended particulate matter from the Pearl River Delta to the coastal ocean off South China. <i>Marine Pollution Bulletin</i> , 2008, 56, 1150-1157. | 2.3 | 127 |

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|----|--|-----|-----------|
| 37 | Microbial biofilm formation and community structure on low-density polyethylene microparticles in lake water microcosms. <i>Environmental Pollution</i> , 2019, 252, 94-102. | 3.7 | 126 |
| 38 | Bioaccumulation of trace metals in farmed fish from South China and potential risk assessment. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 284-293. | 2.9 | 116 |
| 39 | Improvement of a Global High-Resolution Ammonia Emission Inventory for Combustion and Industrial Sources with New Data from the Residential and Transportation Sectors. <i>Environmental Science & Technology</i> , 2017, 51, 2821-2829. | 4.6 | 113 |
| 40 | Organophosphate Triesters and Diester Degradation Products in Municipal Sludge from Wastewater Treatment Plants in China: Spatial Patterns and Ecological Implications. <i>Environmental Science & Technology</i> , 2017, 51, 13614-13623. | 4.6 | 112 |
| 41 | Polycyclic aromatic hydrocarbons in sediments and soils from oil exploration areas of the Niger Delta, Nigeria. <i>Journal of Hazardous Materials</i> , 2010, 174, 641-647. | 6.5 | 111 |
| 42 | Novel and Traditional Organophosphate Esters in House Dust from South China: Association with Hand Wipes and Exposure Estimation. <i>Environmental Science & Technology</i> , 2018, 52, 11017-11026. | 4.6 | 108 |
| 43 | Occurrence, Phase Distribution, and Mass Loadings of Benzothiazoles in Riverine Runoff of the Pearl River Delta, China. <i>Environmental Science & Technology</i> , 2008, 42, 1892-1897. | 4.6 | 107 |
| 44 | Estimating household air pollution exposures and health impacts from space heating in rural China. <i>Environment International</i> , 2018, 119, 117-124. | 4.8 | 107 |
| 45 | Environmental and human exposure to persistent halogenated compounds derived from e-waste in China. <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 1237-1247. | 2.2 | 105 |
| 46 | Dietary intake and potential health risk of DDTs and PBDEs via seafood consumption in South China. <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 1812-1819. | 2.9 | 104 |
| 47 | Assessment of Human Exposure to Polybrominated Diphenyl Ethers in China via Fish Consumption and Inhalation. <i>Environmental Science & Technology</i> , 2007, 41, 4882-4887. | 4.6 | 103 |
| 48 | Polybrominated Diphenyl Ethers in Airborne Particulates Collected during a Research Expedition from the Bohai Sea to the Arctic. <i>Environmental Science & Technology</i> , 2005, 39, 7803-7809. | 4.6 | 99 |
| 49 | Field Validation of Anaerobic Degradation Pathways for Dichlorodiphenyltrichloroethane (DDT) and 13 Metabolites in Marine Sediment Cores from China. <i>Environmental Science & Technology</i> , 2011, 45, 5245-5252. | 4.6 | 99 |
| 50 | Time Trends of Polybrominated Diphenyl Ethers in Sediment Cores from the Pearl River Estuary, South China. <i>Environmental Science & Technology</i> , 2007, 41, 5595-5600. | 4.6 | 94 |
| 51 | Occurrence of nutrients in riverine runoff of the Pearl River Delta, South China. <i>Journal of Hydrology</i> , 2009, 376, 107-115. | 2.3 | 93 |
| 52 | Distribution, Source Apportionment, and Transport of PAHs in Sediments from the Pearl River Delta and the Northern South China Sea. <i>Archives of Environmental Contamination and Toxicology</i> , 2008, 55, 11-20. | 2.1 | 92 |
| 53 | Mitigating pesticide pollution in China requires law enforcement, farmer training, and technological innovation. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 963-971. | 2.2 | 87 |
| 54 | Assessing the genotoxicity of imidacloprid and RH-5849 in human peripheral blood lymphocytes in vitro with comet assay and cytogenetic tests. <i>Ecotoxicology and Environmental Safety</i> , 2005, 61, 239-246. | 2.9 | 86 |

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| 55 | Spatial and Temporal Trends in Global Emissions of Nitrogen Oxides from 1960 to 2014. <i>Environmental Science & Technology</i> , 2017, 51, 7992-8000. | 4.6 | 83 |
| 56 | Dispersion of sediment DDTs in the coastal ocean off southern California. <i>Science of the Total Environment</i> , 1999, 229, 195-208. | 3.9 | 80 |
| 57 | Size-dependent atmospheric deposition and inhalation exposure of particle-bound organophosphate flame retardants. <i>Journal of Hazardous Materials</i> , 2016, 301, 504-511. | 6.5 | 80 |
| 58 | Health Risk Characterization for Resident Inhalation Exposure to Particle-Bound Halogenated Flame Retardants in a Typical E-Waste Recycling Zone. <i>Environmental Science & Technology</i> , 2014, 48, 8815-8822. | 4.6 | 78 |
| 59 | Occurrence of Polybrominated Diphenyl Ethers in Air and Precipitation of the Pearl River Delta, South China: Annual Washout Ratios and Depositional Rates. <i>Environmental Science & Technology</i> , 2009, 43, 9142-9147. | 4.6 | 77 |
| 60 | Southern California. <i>Marine Pollution Bulletin</i> , 2000, 41, 76-93. | 2.3 | 76 |
| 61 | Bioconcentration of polybrominated diphenyl ethers and organochlorine pesticides in algae is an important contaminant route to higher trophic levels. <i>Science of the Total Environment</i> , 2017, 579, 1885-1893. | 3.9 | 74 |
| 62 | Importance of Dermal Absorption of Polycyclic Aromatic Hydrocarbons Derived from Barbecue Fumes. <i>Environmental Science & Technology</i> , 2018, 52, 8330-8338. | 4.6 | 74 |
| 63 | Development of a Solid-Phase Microextraction-Based Method for Sampling of Persistent Chlorinated Hydrocarbons in an Urbanized Coastal Environment. <i>Environmental Science & Technology</i> , 2004, 38, 5737-5743. | 4.6 | 68 |
| 64 | Occurrence of Halogenated Flame Retardants in Sediment off an Urbanized Coastal Zone: Association with Urbanization and Industrialization. <i>Environmental Science & Technology</i> , 2014, 48, 8465-8473. | 4.6 | 67 |
| 65 | In situ remediation of mercury-contaminated soil using thiol-functionalized graphene oxide/Fe-Mn composite. <i>Journal of Hazardous Materials</i> , 2019, 373, 783-790. | 6.5 | 66 |
| 66 | Dermal Uptake from Airborne Organics as an Important Route of Human Exposure to E-Waste Combustion Fumes. <i>Environmental Science & Technology</i> , 2016, 50, 6599-6605. | 4.6 | 64 |
| 67 | Occurrence of nitro- and oxy-PAHs in agricultural soils in eastern China and excess lifetime cancer risks from human exposure through soil ingestion. <i>Environment International</i> , 2017, 108, 261-270. | 4.8 | 64 |
| 68 | Characteristics of Polybrominated Diphenyl Ethers Released from Thermal Treatment and Open Burning of E-Waste. <i>Environmental Science & Technology</i> , 2018, 52, 4650-4657. | 4.6 | 62 |
| 69 | Distribution and partition of polycyclic aromatic hydrocarbon in surface water of the Pearl River Estuary, South China. <i>Environmental Monitoring and Assessment</i> , 2008, 145, 427-436. | 1.3 | 61 |
| 70 | Aquatic Global Passive Sampling (AQUA-GAPS) Revisited: First Steps toward a Network of Networks for Monitoring Organic Contaminants in the Aquatic Environment. <i>Environmental Science & Technology</i> , 2017, 51, 1060-1067. | 4.6 | 61 |
| 71 | Occurrence and human health risk of wastewater-derived pharmaceuticals in a drinking water source for Shanghai, East China. <i>Science of the Total Environment</i> , 2014, 490, 987-993. | 3.9 | 60 |
| 72 | Key mechanisms of micro- and nanoplastic (MNP) toxicity across taxonomic groups. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 247, 109056. | 1.3 | 59 |

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| 73 | Size-dependent distribution and inhalation cancer risk of particle-bound polycyclic aromatic hydrocarbons at a typical e-waste recycling and an urban site. <i>Environmental Pollution</i> , 2015, 200, 10-15. | 3.7 | 58 |
| 74 | Transition of household cookfuels in China from 2010 to 2012. <i>Applied Energy</i> , 2016, 184, 800-809. | 5.1 | 57 |
| 75 | Occurrence and phase distribution of polycyclic aromatic hydrocarbons in riverine runoff of the Pearl River Delta, China. <i>Marine Pollution Bulletin</i> , 2008, 57, 767-774. | 2.3 | 56 |
| 76 | Microplastics: A review of analytical methods, occurrence and characteristics in food, and potential toxicities to biota. <i>Science of the Total Environment</i> , 2022, 806, 150263. | 3.9 | 56 |
| 77 | Severe dioxin-like compound (DLC) contamination in e-waste recycling areas: An under-recognized threat to local health. <i>Environment International</i> , 2020, 139, 105731. | 4.8 | 55 |
| 78 | Size-Dependent Dry Deposition of Airborne Polybrominated Diphenyl Ethers in Urban Guangzhou, China. <i>Environmental Science & Technology</i> , 2012, 46, 7207-7214. | 4.6 | 54 |
| 79 | In Situ Measurements of Chlorinated Hydrocarbons in the Water Column off the Palos Verdes Peninsula, California. <i>Environmental Science & Technology</i> , 1999, 33, 392-398. | 4.6 | 53 |
| 80 | Association of endocrine-disrupting chemicals with total organic carbon in riverine water and suspended particulate matter from the Pearl River, China. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 2456-2464. | 2.2 | 53 |
| 81 | Diurnal and seasonal variability in size-dependent atmospheric deposition fluxes of polycyclic aromatic hydrocarbons in an urban center. <i>Atmospheric Environment</i> , 2012, 57, 41-48. | 1.9 | 53 |
| 82 | Barbecue Fumes: An Overlooked Source of Health Hazards in Outdoor Settings?. <i>Environmental Science & Technology</i> , 2015, 49, 10607-10615. | 4.6 | 53 |
| 83 | Early-life Exposure to Widespread Environmental Toxicants and Health Risk: A Focus on the Immune and Respiratory Systems. <i>Annals of Global Health</i> , 2018, 82, 119. | 0.8 | 53 |
| 84 | Size Distribution of Airborne Particle-Bound Polybrominated Diphenyl Ethers and Its Implications for Dry and Wet Deposition. <i>Environmental Science & Technology</i> , 2014, 48, 13793-13799. | 4.6 | 52 |
| 85 | Polybrominated Diphenyl Ethers in Seafood Products of South China. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 9152-9158. | 2.4 | 51 |
| 86 | Adsorption and Thermal Stabilization of Pb ²⁺ and Cu ²⁺ by Zeolite. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 8767-8773. | 1.8 | 51 |
| 87 | Sorption of PBDE in low-density polyethylene film: Implications for bioavailability of BDE ₂₀₉ . <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 1731-1738. | 2.2 | 50 |
| 88 | Calculated respiratory exposure to indoor size-fractioned polycyclic aromatic hydrocarbons in an urban environment. <i>Science of the Total Environment</i> , 2012, 431, 245-251. | 3.9 | 50 |
| 89 | Global estimates of carbon monoxide emissions from 1960 to 2013. <i>Environmental Science and Pollution Research</i> , 2017, 24, 864-873. | 2.7 | 50 |
| 90 | Cultivation of oleaginous microalgae for removal of nutrients and heavy metals from biogas digestates. <i>Journal of Cleaner Production</i> , 2017, 164, 793-803. | 4.6 | 50 |

| # | ARTICLE | IF | CITATIONS |
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| 91 | Assessing the effects of urbanization on the environment with soil legacy and current-use insecticides: A case study in the Pearl River Delta, China. <i>Science of the Total Environment</i> , 2015, 514, 409-417. | 3.9 | 49 |
| 92 | Global trends of research on emerging contaminants in the environment and humans: a literature assimilation. <i>Environmental Science and Pollution Research</i> , 2015, 22, 1635-1643. | 2.7 | 48 |
| 93 | Application of Box-Behnken design to optimize multi-sorbent solid phase extraction for trace neonicotinoids in water containing high level of matrix substances. <i>Talanta</i> , 2017, 170, 392-398. | 2.9 | 48 |
| 94 | Distinguishing Emission-Associated Ambient Air PM _{2.5} Concentrations and Meteorological Factor-Induced Fluctuations. <i>Environmental Science & Technology</i> , 2018, 52, 10416-10425. | 4.6 | 48 |
| 95 | Plastics Are an Insignificant Carrier of Riverine Organic Pollutants to the Coastal Oceans. <i>Environmental Science & Technology</i> , 2020, 54, 15852-15860. | 4.6 | 47 |
| 96 | Association of soil polycyclic aromatic hydrocarbon levels and anthropogenic impacts in a rapidly urbanizing region: Spatial distribution, soil-air exchange and ecological risk. <i>Science of the Total Environment</i> , 2014, 473-474, 676-684. | 3.9 | 46 |
| 97 | Accuracy and application of quantitative X-ray diffraction on the precipitation of struvite product. <i>Water Research</i> , 2016, 90, 9-14. | 5.3 | 46 |
| 98 | Assessing anthropogenic contamination in surface sediments of Niger Delta, Nigeria with fecal sterols and n-alkanes as indicators. <i>Science of the Total Environment</i> , 2012, 441, 89-96. | 3.9 | 45 |
| 99 | Use of Fecal Steroids To Infer the Sources of Fecal Indicator Bacteria in the Lower Santa Ana River Watershed, California: Sewage Is Unlikely a Significant Source. <i>Environmental Science & Technology</i> , 2004, 38, 6002-6008. | 4.6 | 44 |
| 100 | Inputs of antifouling paint-derived dichlorodiphenyltrichloroethanes (DDTs) to a typical mariculture zone (South China): Potential impact on aquafarming environment. <i>Environmental Pollution</i> , 2011, 159, 3700-3705. | 3.7 | 43 |
| 101 | Evaluation of Potential Molecular Markers for Urban Stormwater Runoff. <i>Environmental Monitoring and Assessment</i> , 2004, 90, 23-43. | 1.3 | 42 |
| 102 | Screening New Persistent and Bioaccumulative Organics in China's Inventory of Industrial Chemicals. <i>Environmental Science & Technology</i> , 2020, 54, 7398-7408. | 4.6 | 42 |
| 103 | The human and ecological risks of neonicotinoid insecticides in soils of an agricultural zone within the Pearl River Delta, South China. <i>Environmental Pollution</i> , 2021, 284, 117358. | 3.7 | 42 |
| 104 | Theoretical Considerations on the Use of Solid-Phase Microextraction with Complex Environmental Samples. <i>Environmental Science & Technology</i> , 2002, 36, 3385-3392. | 4.6 | 41 |
| 105 | Temporal and spatial distributions of contaminants in sediments of Santa Monica Bay, California. <i>Marine Environmental Research</i> , 2003, 56, 255-276. | 1.1 | 41 |
| 106 | Impact of Polymer Colonization on the Fate of Organic Contaminants in Sediment. <i>Environmental Science & Technology</i> , 2017, 51, 10555-10561. | 4.6 | 41 |
| 107 | Comparative mammalian hazards of neonicotinoid insecticides among exposure durations. <i>Environment International</i> , 2019, 125, 9-24. | 4.8 | 41 |
| 108 | Organochlorine pesticides in the surface water and sediments of the Pearl River Estuary, South China. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 10-17. | 2.2 | 40 |

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|-----|--|-----|-----------|
| 109 | Persistent Halogenated Hydrocarbons in Fish Feeds Manufactured in South China. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 3674-3680. | 2.4 | 40 |
| 110 | Determination of polydimethylsiloxaneâ€“seawater distribution coefficients for polychlorinated biphenyls and chlorinated pesticides by solid-phase microextraction and gas chromatographyâ€“mass spectrometry. <i>Journal of Chromatography A</i> , 2005, 1066, 165-175. | 1.8 | 39 |
| 111 | Organophosphate flame retardants emitted from thermal treatment and open burning of e-waste. <i>Journal of Hazardous Materials</i> , 2019, 367, 390-396. | 6.5 | 38 |
| 112 | Dietary intake of persistent organic pollutants and potential health risks via consumption of global aquatic products. <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 2135-2142. | 2.2 | 37 |
| 113 | Persistent halogenated compounds in two typical marine aquaculture zones of South China. <i>Marine Pollution Bulletin</i> , 2011, 63, 572-577. | 2.3 | 37 |
| 114 | Leaching of polybrominated diphenyl ethers from microplastics in fish oil: Kinetics and bioaccumulation. <i>Journal of Hazardous Materials</i> , 2021, 406, 124726. | 6.5 | 37 |
| 115 | Diversity and structure of microbial biofilms on microplastics in riverine waters of the Pearl River Delta, China. <i>Chemosphere</i> , 2021, 272, 129870. | 4.2 | 36 |
| 116 | Quantifying nanoplastic-bound chemicals accumulated in <i>Daphnia magna</i> with a passive dosing method. <i>Environmental Science: Nano</i> , 2018, 5, 776-781. | 2.2 | 35 |
| 117 | In vitro inhalation bioaccessibility for particle-bound hydrophobic organic chemicals: Method development, effects of particle size and hydrophobicity, and risk assessment. <i>Environment International</i> , 2018, 120, 295-303. | 4.8 | 35 |
| 118 | Stepwise Reduction Approach Reveals Mercury Competitive Binding and Exchange Reactions within Natural Organic Matter and Mixed Organic Ligands. <i>Environmental Science & Technology</i> , 2019, 53, 10685-10694. | 4.6 | 35 |
| 119 | Development and Validation of an Efficient Method for Processing Microplastics in Biota Samples. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 1400-1408. | 2.2 | 35 |
| 120 | Development of a lowâ€“density polyethyleneâ€“containing passive sampler for measuring dissolved hydrophobic organic compounds in open waters. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 1012-1018. | 2.2 | 34 |
| 121 | Significance of Anthropogenic Factors to Freely Dissolved Polycyclic Aromatic Hydrocarbons in Freshwater of China. <i>Environmental Science & Technology</i> , 2017, 51, 8304-8312. | 4.6 | 34 |
| 122 | Occurrence, source apportionment and toxicity assessment of polycyclic aromatic hydrocarbons in surface sediments of Chaohu, one of the most polluted lakes in China. <i>Journal of Environmental Monitoring</i> , 2011, 13, 3336. | 2.1 | 33 |
| 123 | Hexabromocyclododecane in consumer fish from South China: Implications for human exposure via dietary intake. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 1424-1430. | 2.2 | 33 |
| 124 | Occurrence and geographic distribution of polycyclic aromatic hydrocarbons in agricultural soils in eastern China. <i>Environmental Science and Pollution Research</i> , 2017, 24, 12168-12175. | 2.7 | 33 |
| 125 | Generation of hydroxyl radicals by metal-free bifunctional electrocatalysts for enhanced organics removal. <i>Science of the Total Environment</i> , 2021, 791, 148107. | 3.9 | 33 |
| 126 | Assessment of aquatic wastewater pollution in a highly industrialized zone with sediment linear alkylbenzenes. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 724-730. | 2.2 | 32 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 127 | Assessing bioavailability of DDT and metabolites in marine sediments using solid-phase microextraction with performance reference compounds. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 1946-1953. | 2.2 | 32 |
| 128 | Application of a static solid-phase microextraction procedure combined with liquid-liquid extraction to determine poly(dimethyl)siloxane-water partition coefficients for selected polychlorinated biphenyls. <i>Journal of Chromatography A</i> , 2006, 1116, 240-247. | 1.8 | 31 |
| 129 | Gas chromatography-mass spectrometry and high-performance liquid chromatography-tandem mass spectrometry in quantifying fatty acids. <i>TrAC - Trends in Analytical Chemistry</i> , 2011, 30, 1429-1436. | 5.8 | 31 |
| 130 | Emissions and Occupational Exposure Risk of Halogenated Flame Retardants from Primitive Recycling of E-Waste. <i>Environmental Science & Technology</i> , 2019, 53, 12495-12505. | 4.6 | 31 |
| 131 | Size-dependent distribution and inhalation exposure characteristics of particle-bound chlorinated paraffins in indoor air in Guangzhou, China. <i>Environment International</i> , 2018, 121, 675-682. | 4.8 | 30 |
| 132 | Polybrominated diphenyl ethers and organophosphate esters flame retardants in play mats from China and the exposure risks for children. <i>Environment International</i> , 2020, 135, 105348. | 4.8 | 30 |
| 133 | Efficient removal of mercury from simulated groundwater using thiol-modified graphene oxide/Fe-Mn composite in fixed-bed columns: Experimental performance and mathematical modeling. <i>Science of the Total Environment</i> , 2020, 714, 136636. | 3.9 | 30 |
| 134 | Assessment of sampling designs to measure riverine fluxes from the Pearl River Delta, China to the South China Sea. <i>Environmental Monitoring and Assessment</i> , 2008, 143, 291-301. | 1.3 | 29 |
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