

# Eddy Y Zeng

## List of Publications by Year in descending order

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253  
papers

16,598  
citations

16450

64  
h-index

19188

118  
g-index

256  
all docs

256  
docs citations

256  
times ranked

14438  
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.	11.3	675
2	Interaction of toxic chemicals with microplastics: A critical review. <i>Water Research</i> , 2018, 139, 208-219.	11.3	612
3	A Review of Microplastics in Table Salt, Drinking Water, and Air: Direct Human Exposure. <i>Environmental Science &amp; Technology</i> , 2020, 54, 3740-3751.	10.0	559
4	Distribution of Polybrominated Diphenyl Ethers in Sediments of the Pearl River Delta and Adjacent South China Sea. <i>Environmental Science &amp; Technology</i> , 2005, 39, 3521-3527.	10.0	507
5	A Global Perspective on Microplastics. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2018JC014719.	2.6	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.	12.7	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.	5.3	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 &amp; Technology</i> , 2003, 37, 4855-4863.	10.0	368
9	E-Waste Recycling: Where Does It Go from Here?. <i>Environmental Science &amp; Technology</i> , 2012, 46, 10861-10867.	10.0	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.	8.0	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.	3.9	242
12	Ultrathin metalâ€“organic framework membrane production by gelâ€“vapour deposition. <i>Nature Communications</i> , 2017, 8, 406.	12.8	233
13	A review of methods for measuring microplastics in aquatic environments. <i>Environmental Science and Pollution Research</i> , 2018, 25, 11319-11332.	5.3	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 &amp; Technology</i> , 2006, 40, 1190-1196.	10.0	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.	8.0	220
16	Global distribution of perfluorochemicals (PFCs) in potential human exposure sourceâ€“A review. <i>Environment International</i> , 2017, 108, 51-62.	10.0	214
17	Microplastic Impacts on Microalgae Growth: Effects of Size and Humic Acid. <i>Environmental Science &amp; Technology</i> , 2020, 54, 1782-1789.	10.0	207
18	Polybrominated Diphenyl Ethers in Watershed Soils of the Pearl River Delta, China: Occurrence, Inventory, and Fate. <i>Environmental Science &amp; Technology</i> , 2007, 41, 8262-8267.	10.0	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 &amp; Technology</i> , 2006, 40, 709-714.	10.0	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.	12.4	186
21	Global Riverine Plastic Outflows. <i>Environmental Science &amp; Technology</i> , 2020, 54, 10049-10056.	10.0	174
22	Polycyclic Aromatic Hydrocarbons in Riverine Runoff of the Pearl River Delta (China): Concentrations, Fluxes, and Fate. <i>Environmental Science &amp; Technology</i> , 2007, 41, 5614-5619.	10.0	168
23	Riverine Inputs of Polybrominated Diphenyl Ethers from the Pearl River Delta (China) to the Coastal Ocean. <i>Environmental Science &amp; Technology</i> , 2007, 41, 6007-6013.	10.0	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.	7.1	152
25	Riverine Microplastic Pollution in the Pearl River Delta, China: Are Modeled Estimates Accurate?. <i>Environmental Science &amp; Technology</i> , 2019, 53, 11810-11817.	10.0	151
26	Strong Sorption of Phenanthrene by Condensed Organic Matter in Soils and Sediments. <i>Environmental Science &amp; Technology</i> , 2007, 41, 3952-3958.	10.0	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.	5.4	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.	12.4	144
29	Heavy metal pollution in sediments of a typical mariculture zone in South China. <i>Marine Pollution Bulletin</i> , 2012, 64, 712-720.	5.0	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.	7.5	139
31	Law Enforcement and Global Collaboration are the Keys to Containing E-Waste Tsunami in China. <i>Environmental Science &amp; Technology</i> , 2009, 43, 3991-3994.	10.0	138
32	Polybrominated Diphenyl Ethers in Birds of Prey from Northern China. <i>Environmental Science &amp; Technology</i> , 2007, 41, 1828-1833.	10.0	137
33	Sediment Records of Polycyclic Aromatic Hydrocarbons (PAHs) in the Continental Shelf of China: Implications for Evolving Anthropogenic Impacts. <i>Environmental Science &amp; Technology</i> , 2012, 46, 6497-6504.	10.0	136
34	Persistent Halogenated Hydrocarbons in Consumer Fish of China: Regional and Global Implications for Human Exposure. <i>Environmental Science &amp; Technology</i> , 2007, 41, 1821-1827.	10.0	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.	7.5	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.	5.0	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.	7.5	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.	6.0	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 &amp; Technology</i> , 2017, 51, 2821-2829.	10.0	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 &amp; Technology</i> , 2017, 51, 13614-13623.	10.0	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.	12.4	111
42	Novel and Traditional Organophosphate Esters in House Dust from South China: Association with Hand Wipes and Exposure Estimation. <i>Environmental Science &amp; Technology</i> , 2018, 52, 11017-11026.	10.0	108
43	Occurrence, Phase Distribution, and Mass Loadings of Benzothiazoles in Riverine Runoff of the Pearl River Delta, China. <i>Environmental Science &amp; Technology</i> , 2008, 42, 1892-1897.	10.0	107
44	Estimating household air pollution exposures and health impacts from space heating in rural China. <i>Environment International</i> , 2018, 119, 117-124.	10.0	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.	4.3	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.	6.0	104
47	Assessment of Human Exposure to Polybrominated Diphenyl Ethers in China via Fish Consumption and Inhalation. <i>Environmental Science &amp; Technology</i> , 2007, 41, 4882-4887.	10.0	103
48	Polybrominated Diphenyl Ethers in Airborne Particulates Collected during a Research Expedition from the Bohai Sea to the Arctic. <i>Environmental Science &amp; Technology</i> , 2005, 39, 7803-7809.	10.0	99
49	Field Validation of Anaerobic Degradation Pathways for Dichlorodiphenyltrichloroethane (DDT) and 13 Metabolites in Marine Sediment Cores from China. <i>Environmental Science &amp; Technology</i> , 2011, 45, 5245-5252.	10.0	99
50	Time Trends of Polybrominated Diphenyl Ethers in Sediment Cores from the Pearl River Estuary, South China. <i>Environmental Science &amp; Technology</i> , 2007, 41, 5595-5600.	10.0	94
51	Occurrence of nutrients in riverine runoff of the Pearl River Delta, South China. <i>Journal of Hydrology</i> , 2009, 376, 107-115.	5.4	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.	4.1	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.	4.3	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.	6.0	86

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55	Spatial and Temporal Trends in Global Emissions of Nitrogen Oxides from 1960 to 2014. <i>Environmental Science &amp; Technology</i> , 2017, 51, 7992-8000.	10.0	83
56	Dispersion of sediment DDTs in the coastal ocean off southern California. <i>Science of the Total Environment</i> , 1999, 229, 195-208.	8.0	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.	12.4	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 &amp; Technology</i> , 2014, 48, 8815-8822.	10.0	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 &amp; Technology</i> , 2009, 43, 9142-9147.	10.0	77
60	Southern California. <i>Marine Pollution Bulletin</i> , 2000, 41, 76-93.	5.0	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.	8.0	74
62	Importance of Dermal Absorption of Polycyclic Aromatic Hydrocarbons Derived from Barbecue Fumes. <i>Environmental Science &amp; Technology</i> , 2018, 52, 8330-8338.	10.0	74
63	Development of a Solid-Phase Microextraction-Based Method for Sampling of Persistent Chlorinated Hydrocarbons in an Urbanized Coastal Environment. <i>Environmental Science &amp; Technology</i> , 2004, 38, 5737-5743.	10.0	68
64	Occurrence of Halogenated Flame Retardants in Sediment off an Urbanized Coastal Zone: Association with Urbanization and Industrialization. <i>Environmental Science &amp; Technology</i> , 2014, 48, 8465-8473.	10.0	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.	12.4	66
66	Dermal Uptake from Airborne Organics as an Important Route of Human Exposure to E-Waste Combustion Fumes. <i>Environmental Science &amp; Technology</i> , 2016, 50, 6599-6605.	10.0	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.	10.0	64
68	Characteristics of Polybrominated Diphenyl Ethers Released from Thermal Treatment and Open Burning of E-Waste. <i>Environmental Science &amp; Technology</i> , 2018, 52, 4650-4657.	10.0	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.	2.7	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 &amp; Technology</i> , 2017, 51, 1060-1067.	10.0	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.	8.0	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.	2.6	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.	7.5	58
74	Transition of household cookfuels in China from 2010 to 2012. <i>Applied Energy</i> , 2016, 184, 800-809.	10.1	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.	5.0	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.	8.0	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.	10.0	55
78	Size-Dependent Dry Deposition of Airborne Polybrominated Diphenyl Ethers in Urban Guangzhou, China. <i>Environmental Science &amp; Technology</i> , 2012, 46, 7207-7214.	10.0	54
79	In Situ Measurements of Chlorinated Hydrocarbons in the Water Column off the Palos Verdes Peninsula, California. <i>Environmental Science &amp; Technology</i> , 1999, 33, 392-398.	10.0	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.	4.3	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.	4.1	53
82	Barbecue Fumes: An Overlooked Source of Health Hazards in Outdoor Settings?. <i>Environmental Science &amp; Technology</i> , 2015, 49, 10607-10615.	10.0	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.	2.0	53
84	Size Distribution of Airborne Particle-Bound Polybrominated Diphenyl Ethers and Its Implications for Dry and Wet Deposition. <i>Environmental Science &amp; Technology</i> , 2014, 48, 13793-13799.	10.0	52
85	Polybrominated Diphenyl Ethers in Seafood Products of South China. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 9152-9158.	5.2	51
86	Adsorption and Thermal Stabilization of Pb <sup>2+</sup> and Cu <sup>2+</sup> by Zeolite. <i>Industrial &amp; Engineering Chemistry Research</i> , 2016, 55, 8767-8773.	3.7	51
87	Sorption of PBDE in low-density polyethylene film: Implications for bioavailability of BDE <sub>209</sub> . <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 1731-1738.	4.3	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.	8.0	50
89	Global estimates of carbon monoxide emissions from 1960 to 2013. <i>Environmental Science and Pollution Research</i> , 2017, 24, 864-873.	5.3	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.	9.3	50

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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.	8.0	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.	5.3	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.	5.5	48
94	Distinguishing Emission-Associated Ambient Air PM <sub>2.5</sub> Concentrations and Meteorological Factor-Induced Fluctuations. <i>Environmental Science &amp; Technology</i> , 2018, 52, 10416-10425.	10.0	48
95	Plastics Are an Insignificant Carrier of Riverine Organic Pollutants to the Coastal Oceans. <i>Environmental Science &amp; Technology</i> , 2020, 54, 15852-15860.	10.0	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.	8.0	46
97	Accuracy and application of quantitative X-ray diffraction on the precipitation of struvite product. <i>Water Research</i> , 2016, 90, 9-14.	11.3	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.	8.0	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 &amp; Technology</i> , 2004, 38, 6002-6008.	10.0	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.	7.5	43
101	Evaluation of Potential Molecular Markers for Urban Stormwater Runoff. <i>Environmental Monitoring and Assessment</i> , 2004, 90, 23-43.	2.7	42
102	Screening New Persistent and Bioaccumulative Organics in China's Inventory of Industrial Chemicals. <i>Environmental Science &amp; Technology</i> , 2020, 54, 7398-7408.	10.0	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.	7.5	42
104	Theoretical Considerations on the Use of Solid-Phase Microextraction with Complex Environmental Samples. <i>Environmental Science &amp; Technology</i> , 2002, 36, 3385-3392.	10.0	41
105	Temporal and spatial distributions of contaminants in sediments of Santa Monica Bay, California. <i>Marine Environmental Research</i> , 2003, 56, 255-276.	2.5	41
106	Impact of Polymer Colonization on the Fate of Organic Contaminants in Sediment. <i>Environmental Science &amp; Technology</i> , 2017, 51, 10555-10561.	10.0	41
107	Comparative mammalian hazards of neonicotinoid insecticides among exposure durations. <i>Environment International</i> , 2019, 125, 9-24.	10.0	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.	4.3	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.	5.2	40
110	Determination of polydimethylsiloxaneâ€œseawater distribution coefficients for polychlorinated biphenyls and chlorinated pesticides by solid-phase microextraction and gas chromatographyâ€œmass spectrometry. <i>Journal of Chromatography A</i> , 2005, 1066, 165-175.	3.7	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.	12.4	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.	4.3	37
113	Persistent halogenated compounds in two typical marine aquaculture zones of South China. <i>Marine Pollution Bulletin</i> , 2011, 63, 572-577.	5.0	37
114	Leaching of polybrominated diphenyl ethers from microplastics in fish oil: Kinetics and bioaccumulation. <i>Journal of Hazardous Materials</i> , 2021, 406, 124726.	12.4	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.	8.2	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.	4.3	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.	10.0	35
118	Stepwise Reduction Approach Reveals Mercury Competitive Binding and Exchange Reactions within Natural Organic Matter and Mixed Organic Ligands. <i>Environmental Science &amp; Technology</i> , 2019, 53, 10685-10694.	10.0	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.	4.3	35
120	Development of a lowâ€œdensity polyethyleneâ€œcontaining passive sampler for measuring dissolved hydrophobic organic compounds in open waters. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 1012-1018.	4.3	34
121	Significance of Anthropogenic Factors to Freely Dissolved Polycyclic Aromatic Hydrocarbons in Freshwater of China. <i>Environmental Science &amp; Technology</i> , 2017, 51, 8304-8312.	10.0	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.	4.3	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.	5.3	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.	8.0	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.	4.3	32



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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.	4.3	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.	3.7	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.	11.4	31
130	Emissions and Occupational Exposure Risk of Halogenated Flame Retardants from Primitive Recycling of E-Waste. <i>Environmental Science &amp; Technology</i> , 2019, 53, 12495-12505.	10.0	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.	10.0	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.	10.0	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.	8.0	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.	2.7	29
135	A Multisection Passive Sampler for Measuring Sediment Porewater Profile of Dichlorodiphenyltrichloroethane and Its Metabolites. <i>Analytical Chemistry</i> , 2013, 85, 7117-7124.	6.5	29
136	Effect-Directed Analysis of Toxicants in Sediment with Combined Passive Dosing and in Vivo Toxicity Testing. <i>Environmental Science &amp; Technology</i> , 2017, 51, 6414-6421.	10.0	29
137	Persistent halogenated compounds in aquaculture environments of South China: Implications for global consumers' health risk via fish consumption. <i>Environment International</i> , 2011, 37, 1190-1195.	10.0	28
138	Novel Passive Sampling Device for Measuring Sediment-Water Diffusion Fluxes of Hydrophobic Organic Chemicals. <i>Environmental Science &amp; Technology</i> , 2013, 47, 9866-9873.	10.0	28
139	Impact of anthropogenic activities on urban stream water quality: a case study in Guangzhou, China. <i>Environmental Science and Pollution Research</i> , 2014, 21, 13412-13419.	5.3	28
140	Seasonal and spatial variations in the chemical components and the cellular effects of particulate matter collected in Northern China. <i>Science of the Total Environment</i> , 2018, 627, 1627-1637.	8.0	28
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