

Yanghong Zeng

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

60
papers

1,018
citations

21
h-index

29
g-index

64
ext. papers

1,289
ext. citations

8.5
avg. IF

4.54
L-index

#	Paper	IF	Citations
60	Insight into phototransformation mechanism and toxicity evolution of novel and legacy brominated flame retardants in water: A comparative analysis.. <i>Water Research</i> , 2022 , 211, 118041	12.5	0
59	Sex- and size-dependent accumulation of Dechlorane Plus flame retardant in a wild frog-eating snake <i>Amphiesma stolata</i> .. <i>Environmental Pollution</i> , 2022 , 297, 118793	9.3	
58	High-performance nontarget analysis of halogenated organic compounds in tap water, fly ash, soil and sediment using ultrahigh resolution mass spectrometry and scripting approaches based on Cl/Br-specific search algorithms.. <i>Analytica Chimica Acta</i> , 2022 , 1204, 339618	6.6	1
57	Bioaccumulation and maternal transfer of two understudied DDT metabolites in wild fish species. <i>Science of the Total Environment</i> , 2021 , 151814	10.2	0
56	Spatial Distribution, Bioconversion and Ecological Risk of PCBs and PBDEs in the Surface Sediment of Contaminated Urban Rivers: A Nationwide Study in China. <i>Environmental Science & Technology</i> , 2021 , 55, 9579-9590	10.3	3
55	Mechanistic Aspects Regarding the Ultraviolet Degradation of Polychlorinated Biphenyls in Different Media: Insights from Carbon and Chlorine Isotope Fractionation. <i>Environmental Science & Technology</i> , 2021 , 55, 7731-7740	10.3	6
54	Determination of tetrabromobisphenol-A/S and their eight derivatives in abiotic (soil/dust) samples using ultra-high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2021 , 1647, 462152	4.5	3
53	Comprehensive exploration of the ultraviolet degradation of polychlorinated biphenyls in different media. <i>Science of the Total Environment</i> , 2021 , 755, 142590	10.2	6
52	Observable carbon isotope fractionation in the photodegradation of polybrominated diphenyl ethers by simulated sunlight. <i>Chemosphere</i> , 2021 , 266, 128950	8.4	4
51	Effect of laying sequence and selection of maternal tissues in assessment of maternal transfer of organohalogenated contaminants during chicken egg formation: A pilot study. <i>Environmental Pollution</i> , 2021 , 270, 116157	9.3	2
50	Bioaccumulation of legacy and emerging organophosphorus flame retardants and plasticizers in insects during metamorphosis. <i>Journal of Hazardous Materials</i> , 2021 , 406, 124688	12.8	4
49	Halogenated flame retardants in wild, prey-sized mud carp from an e-waste recycling site in South China, 2006-2016: Residue dynamics and ecological risk assessment. <i>Environmental Pollution</i> , 2021 , 291, 118270	9.3	1
48	Legacy and alternative plasticizers in surface sediment of black-odorous urban rivers across China: Occurrence, spatial distribution, and ecological risk assessment. <i>Chemosphere</i> , 2021 , 283, 131206	8.4	5
47	Environmental occurrence and remediation of emerging organohalides: A review. <i>Environmental Pollution</i> , 2021 , 290, 118060	9.3	5
46	Tracing the sources and microbial degradation of PCBs in field sediments by a multiple-line-of-evidence approach including compound-specific stable isotope analysis. <i>Water Research</i> , 2020 , 182, 115977	12.5	10
45	Species-specific biomagnification and habitat-dependent trophic transfer of halogenated organic pollutants in insect-dominated food webs from an e-waste recycling site. <i>Environment International</i> , 2020 , 138, 105674	12.9	11
44	Short- and medium-chain chlorinated paraffins in aquatic organisms from an e-waste site: Biomagnification and maternal transfer. <i>Science of the Total Environment</i> , 2020 , 708, 134840	10.2	4

43	Contaminant-related oxidative distress in common kingfisher (<i>Alcedo atthis</i>) breeding at an e-waste site in South China. <i>Environmental Research</i> , 2020 , 182, 109079	7.9	3
42	Bioaccumulation characteristics of PBDEs and alternative brominated flame retardants in a wild frog-eating snake. <i>Environmental Pollution</i> , 2020 , 258, 113661	9.3	9
41	Chlorine and Bromine Isotope Analysis of Polychlorinated Biphenyls and Polybrominated Diphenyl Ethers Using Gas Chromatography-Quadropole Mass Spectrometry. <i>Journal of Chromatography A</i> , 2020 , 1634, 461715	4.5	5
40	Legacy and emerging organophosphorus flame retardants and plasticizers in frogs: Sex difference and parental transfer. <i>Environmental Pollution</i> , 2020 , 266, 115336	9.3	5
39	Trophic Magnification of Short- and Medium-Chain Chlorinated Paraffins in Terrestrial Food Webs and Their Bioamplification in Insects and Amphibians during Metamorphosis. <i>Environmental Science & Technology</i> , 2020 , 54, 11282-11291	10.3	5
38	Bioaccumulation and biomagnification of hexabromocyclododecane (HBCDD) in insect-dominated food webs from a former e-waste recycling site in South China. <i>Chemosphere</i> , 2020 , 240, 124813	8.4	5
37	Organophosphorus flame retardants in a typical freshwater food web: Bioaccumulation factors, tissue distribution, and trophic transfer. <i>Environmental Pollution</i> , 2019 , 255, 113286	9.3	23
36	Contamination of organohalogen chemicals and hepatic steatosis in common kingfisher (<i>Alcedo atthis</i>) breeding at a nature reserve near e-waste recycling sites in South China. <i>Science of the Total Environment</i> , 2019 , 659, 561-567	10.2	4
35	Comparative study of dechlorane plus (DP) in adult chickens and developing embryos: Stereo-selective bioaccumulation of DP in chickens. <i>Environmental Pollution</i> , 2019 , 247, 550-555	9.3	4
34	Organophosphorus flame retardants in fish from Rivers in the Pearl River Delta, South China. <i>Science of the Total Environment</i> , 2019 , 663, 125-132	10.2	24
33	Halogenated flame retardants in mangrove sediments from the Pearl River Estuary, South China: Comparison with historical data and correlation with microbial community. <i>Chemosphere</i> , 2019 , 227, 315-322	8.4	16
32	Biomagnification of PBDEs and alternative brominated flame retardants in a predatory fish: Using fatty acid signature as a primer. <i>Environment International</i> , 2019 , 127, 226-232	12.9	32
31	In Situ Microbial Degradation of PBDEs in Sediments from an E-Waste Site as Revealed by Positive Matrix Factorization and Compound-Specific Stable Carbon Isotope Analysis. <i>Environmental Science & Technology</i> , 2019 , 53, 1928-1936	10.3	31
30	Species-specific debromination of polybromodiphenyl ethers determined by deiodinase activity in fish. <i>Environmental Pollution</i> , 2019 , 246, 710-716	9.3	6
29	Level changes and human dietary exposure assessment of halogenated flame retardant levels in free-range chicken eggs: A case study of a former e-waste recycling site, South China. <i>Science of the Total Environment</i> , 2018 , 634, 509-515	10.2	26
28	Polychlorinated biphenyls and chlorinated paraffins in home-produced eggs from an e-waste polluted area in South China: Occurrence and human dietary exposure. <i>Environment International</i> , 2018 , 116, 52-59	12.9	25
27	Stereoselective bioaccumulation of syn- and anti-Dechlorane plus isomers in different tissues of common carp (<i>Cyprinus carpio</i>). <i>Science of the Total Environment</i> , 2018 , 616-617, 1339-1346	10.2	7
26	Characterizing the Influence of Metabolism on the Halogenated Organic Contaminant Biomagnification in Two Artificial Food Chains Using Compound- and Enantiomer-Specific Stable Carbon Isotope Analysis. <i>Environmental Science & Technology</i> , 2018 , 52, 10359-10368	10.3	6

25	Enantioselective Dechlorination of Polychlorinated Biphenyls in <i>Dehalococcoides mccartyi</i> CG1. <i>Applied and Environmental Microbiology</i> , 2018 , 84,	4.8	18
24	Halogenated organic pollutants in aquatic, amphibious, and terrestrial organisms from an e-waste site: Habitat-dependent accumulation and maternal transfer in watersnake. <i>Environmental Pollution</i> , 2018 , 241, 1063-1070	9.3	24
23	Species-specific and structure-dependent debromination of polybrominated diphenyl ether in fish by in vitro hepatic metabolism. <i>Environmental Toxicology and Chemistry</i> , 2017 , 36, 2005-2011	3.8	11
22	Tracing the Biotransformation of PCBs and PBDEs in Common Carp (<i>Cyprinus carpio</i>) Using Compound-Specific and Enantiomer-Specific Stable Carbon Isotope Analysis. <i>Environmental Science & Technology</i> , 2017 , 51, 2705-2713	10.3	24
21	Organohalogen pollutants in surface particulates from workshop floors of four major e-waste recycling sites in China and implications for emission lists. <i>Science of the Total Environment</i> , 2016 , 569-570, 982-989	10.2	21
20	Habitat- and species-dependent accumulation of organohalogen pollutants in home-produced eggs from an electronic waste recycling site in South China: Levels, profiles, and human dietary exposure. <i>Environmental Pollution</i> , 2016 , 216, 64-70	9.3	33
19	Tracing the biotransformation of polychlorinated biphenyls (PCBs) in common carp (<i>Cyprinus carpio</i>): Enantiomeric fraction and compound-specific stable carbon isotope analyses. <i>Chemosphere</i> , 2016 , 159, 449-456	8.4	6
18	Bioaccumulative characteristics of tetrabromobisphenol A and hexabromocyclododecanes in multi-tissues of prey and predator fish from an e-waste site, South China. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 12011-7	5.1	28
17	Contaminant sources, gastrointestinal absorption, and tissue distribution of organohalogenated pollutants in chicken from an e-waste site. <i>Science of the Total Environment</i> , 2015 , 505, 1003-10	10.2	29
16	Flame retardants and organochlorines in indoor dust from several e-waste recycling sites in South China: composition variations and implications for human exposure. <i>Environment International</i> , 2015 , 78, 1-7	12.9	137
15	Chiral polychlorinated biphenyls (PCBs) in bioaccumulation, maternal transfer, and embryo development of chicken. <i>Environmental Science & Technology</i> , 2015 , 49, 785-91	10.3	33
14	Species-specific bioaccumulation of halogenated organic pollutants and their metabolites in fish serum from an e-waste site, South China. <i>Archives of Environmental Contamination and Toxicology</i> , 2014 , 67, 348-57	3.2	19
13	Sources, gastrointestinal absorption and stereo-selective and tissue-specific accumulation of Dechlorane Plus (DP) in chicken. <i>Chemosphere</i> , 2014 , 114, 241-6	8.4	27
12	Gastrointestinal absorption, dynamic tissue-specific accumulation, and isomer composition of dechlorane plus and related analogs in common carp by dietary exposure. <i>Ecotoxicology and Environmental Safety</i> , 2014 , 100, 32-8	7	14
11	Halogenated flame retardants during egg formation and chicken embryo development: maternal transfer, possible biotransformation, and tissue distribution. <i>Environmental Toxicology and Chemistry</i> , 2014 , 33, 1712-9	3.8	28
10	Organohalogen contamination in passerine birds from three metropolises in China: geographical variation and its implication for anthropogenic effects on urban environments. <i>Environmental Pollution</i> , 2014 , 188, 118-23	9.3	25
9	Method for the purification of polybrominated diphenyl ethers in sediment for compound-specific isotope analysis. <i>Talanta</i> , 2013 , 111, 93-7	6.2	8
8	Application of compound-specific stable carbon isotope analysis for the biotransformation and trophic dynamics of PBDEs in a feeding study with fish. <i>Environmental Pollution</i> , 2013 , 176, 36-41	9.3	18

7	Occurrence and biomagnification of organohalogen pollutants in two terrestrial predatory food chains. <i>Chemosphere</i> , 2013 , 93, 506-11	8.4	23
6	Using compound-specific stable carbon isotope analysis to trace metabolism and trophic transfer of PCBs and PBDEs in fish from an e-waste site, South China. <i>Environmental Science & Technology</i> , 2013 , 47, 4062-8	10.3	34
5	Trophic dynamics of hexabromocyclododecane diastereomers and enantiomers in fish in a laboratory feeding study. <i>Environmental Toxicology and Chemistry</i> , 2013 , 32, 2565-70	3.8	19
4	Tissue accumulation and species-specific metabolism of technical pentabrominated diphenyl ether (DE-71) in two predator fish. <i>Environmental Toxicology and Chemistry</i> , 2013 , 32, 757-63	3.8	25
3	Separation of polybrominated diphenyl ethers in fish for compound-specific stable carbon isotope analysis. <i>Science of the Total Environment</i> , 2012 , 425, 208-13	10.2	7
2	Halogenated flame retardants in home-produced eggs from an electronic waste recycling region in South China: levels, composition profiles, and human dietary exposure assessment. <i>Environment International</i> , 2012 , 45, 122-8	12.9	76
1	Gastrointestinal absorption, metabolic debromination, and hydroxylation of three commercial polybrominated diphenyl ether mixtures by common carp. <i>Environmental Toxicology and Chemistry</i> , 2012 , 31, 731-8	3.8	29