

Yanghong Zeng

List of Publications by Year in descending order

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62
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236612

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times ranked

1228
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	4.8	178
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, 122-128.	4.8	87
3	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.	4.8	62
4	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.	4.6	55
5	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.	4.6	50
6	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.	3.9	49
7	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.	3.7	46
8	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, 1003-1010.	3.9	44
9	Chiral Polychlorinated Biphenyls (PCBs) in Bioaccumulation, Maternal Transfer, and Embryo Development of Chicken. <i>Environmental Science & Technology</i> , 2015, 49, 785-791.	4.6	42
10	Organophosphorus flame retardants in a typical freshwater food web: Bioaccumulation factors, tissue distribution, and trophic transfer. <i>Environmental Pollution</i> , 2019, 255, 113286.	3.7	42
11	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.	3.7	41
12	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, 1712-1719.	2.2	40
13	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, 4062-4068.	4.6	39
14	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.	4.8	39
15	Environmental occurrence and remediation of emerging organohalides: A review. <i>Environmental Pollution</i> , 2021, 290, 118060.	3.7	39
16	Gastrointestinal absorption, metabolic debromination, and hydroxylation of three commercial polybrominated diphenyl ether mixtures by common carp. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 731-738.	2.2	36
17	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.	4.6	35
18	Sources, gastrointestinal absorption and stereo-selective and tissue-specific accumulation of Dechlorane Plus (DP) in chicken. <i>Chemosphere</i> , 2014, 114, 241-246.	4.2	34

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19	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, 12011-12017.	2.7	33
20	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.	3.9	33
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.	3.9	32
22	Occurrence and biomagnification of organohalogen pollutants in two terrestrial predatory food chains. <i>Chemosphere</i> , 2013, 93, 506-511.	4.2	31
23	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.	4.8	30
24	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, 118-123.	3.7	29
25	Enantioselective Dechlorination of Polychlorinated Biphenyls in <i>Dehalococcoides mccartyi</i> CG1. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	28
26	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, 348-357.	2.1	26
27	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, 757-763.	2.2	25
28	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.	4.2	25
29	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.	5.3	24
30	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.	4.6	23
31	Trophic dynamics of hexabromocyclododecane diastereomers and enantiomers in fish in a laboratory feeding study. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 2565-2570.	2.2	21
32	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.	4.2	21
33	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.	3.7	19
34	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, 32-38.	2.9	18
35	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.	3.9	18
36	Bioaccumulation characteristics of PBDEs and alternative brominated flame retardants in a wild frog-eating snake. <i>Environmental Pollution</i> , 2020, 258, 113661.	3.7	18

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37	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.	4.6	15
38	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.	2.2	14
39	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.	1.8	13
40	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.	5.3	12
41	Comprehensive exploration of the ultraviolet degradation of polychlorinated biphenyls in different media. <i>Science of the Total Environment</i> , 2021, 755, 142590.	3.9	11
42	Method for the purification of polybrominated diphenyl ethers in sediment for compound-specific isotope analysis. <i>Talanta</i> , 2013, 111, 93-97.	2.9	10
43	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.	3.9	10
44	Species-specific debromination of polybromodiphenyl ethers determined by deiodinase activity in fish. <i>Environmental Pollution</i> , 2019, 246, 710-716.	3.7	10
45	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.	4.2	10
46	Contamination of organohalogen chemicals and hepatic steatosis in common kingfisher (<i>Alcedo t. t.</i>) in an e-waste recycling site in South China. <i>Environmental Pollution</i> , 2019, 659, 561-567.	3.9	9
47	Bioaccumulation of legacy and emerging organophosphorus flame retardants and plasticizers in insects during metamorphosis. <i>Journal of Hazardous Materials</i> , 2021, 406, 124688.	6.5	9
48	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.	4.6	8
49	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.	1.8	8
50	Legacy and emerging organophosphorus flame retardants and plasticizers in frogs: Sex difference and parental transfer. <i>Environmental Pollution</i> , 2020, 266, 115336.	3.7	8
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.	3.7	8
52	Separation of polybrominated diphenyl ethers in fish for compound-specific stable carbon isotope analysis. <i>Science of the Total Environment</i> , 2012, 425, 208-213.	3.9	7
53	Tracing the biotransformation of polychlorinated biphenyls (PCBs) in common carp (<i>Cyprinus carpio</i>) in an e-waste recycling site in South China. <i>Environmental Pollution</i> , 2016, 159, 449-456.	4.2	7
54	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.	3.7	7

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55	Observable carbon isotope fractionation in the photodegradation of polybrominated diphenyl ethers by simulated sunlight. <i>Chemosphere</i> , 2021, 266, 128950.	4.2	7
56	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.	2.6	7
57	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.	2.6	7
58	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.	3.7	6
59	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.	3.7	4
60	Tissue-Specific Distribution of Legacy and Emerging Organophosphorus Flame Retardants and Plasticizers in Frogs. <i>Toxics</i> , 2021, 9, 124.	1.6	1
61	Bioaccumulation and maternal transfer of two understudied DDT metabolites in wild fish species. <i>Science of the Total Environment</i> , 2022, 818, 151814.	3.9	1
62	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.	3.7	0