

Lixi Zeng

List of Publications by Year in descending order

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Version: 2024-02-01

77
papers

3,710
citations

94269

37
h-index

138251

58
g-index

78
all docs

78
docs citations

78
times ranked

2834
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent progress on the removal of antibiotic pollutants using photocatalytic oxidation process. <i>Critical Reviews in Environmental Science and Technology</i> , 2022, 52, 1401-1448.	6.6	72
2	Trace analysis of multiple synthetic phenolic antioxidants in foods by liquid chromatography-tandem mass spectrometry with complementary use of electrospray ionization and atmospheric pressure chemical ionization. <i>Food Chemistry</i> , 2022, 375, 131663.	4.2	15
3	Spatial distribution, homologue patterns and ecological risks of chlorinated paraffins in mangrove sediments along the South China Coast. <i>Environmental Pollution</i> , 2022, 294, 118623.	3.7	8
4	Molecular structure on the detoxification of fluorinated liquid crystal monomers with reactive oxidation species in the photocatalytic process. <i>Environmental Science and Ecotechnology</i> , 2022, 9, 100141.	6.7	19
5	Release and Gas-Particle Partitioning Behavior of Liquid Crystal Monomers during the Dismantling of Waste Liquid Crystal Display Panels in E-Waste Recycling Facilities. <i>Environmental Science & Technology</i> , 2022, 56, 3106-3116.	4.6	35
6	Heterogeneous Photocatalytic Activation of Persulfate for the Removal of Organic Contaminants in Water: A Critical Review. <i>ACS ES&T Engineering</i> , 2022, 2, 527-546.	3.7	101
7	Identification of Triazine UV Filters as an Emerging Class of Abundant, Ubiquitous Pollutants in Indoor Dust and Air from South China: Call for More Concerns on Their Occurrence and Human Exposure. <i>Environmental Science & Technology</i> , 2022, 56, 4210-4220.	4.6	11
8	Response to Comment on "Associations of Prenatal Exposure to Per- and Polyfluoroalkyl Substances with the Neonatal Birth Size and Hormones in the Growth Hormone/Insulin-Like Growth Factor Axis: What Is the Origin of PFHxS Found in the Human Body?". <i>Environmental Science & Technology</i> , 2022, 56, 5285-5286.	4.6	0
9	Elevated emissions of melamine and its derivatives in the indoor environments of typical e-waste recycling facilities and adjacent communities and implications for human exposure. <i>Journal of Hazardous Materials</i> , 2022, 432, 128652.	6.5	14
10	Piezo-enhanced charge carrier separation over plasmonic Au-BiOBr for piezo-photocatalytic carbamazepine removal. <i>Applied Catalysis B: Environmental</i> , 2022, 311, 121369.	10.8	57
11	Massive Emissions of a Broad Range of Emerging Hindered Phenol Antioxidants and Sulfur Antioxidants from E-Waste Recycling in Urban Mining: New Insights into an Environmental Source. <i>Environmental Science and Technology Letters</i> , 2022, 9, 42-49.	3.9	7
12	E-Waste Recycling Emits Large Quantities of Emerging Aromatic Amines and Organophosphites: A Poorly Recognized Source for Another Two Classes of Synthetic Antioxidants. <i>Environmental Science and Technology Letters</i> , 2022, 9, 625-631.	3.9	23
13	Identification of Fluorescent Brighteners as Another Emerging Class of Abundant, Ubiquitous Pollutants in the Indoor Environment. <i>Environmental Science & Technology</i> , 2022, 56, 10131-10140.	4.6	3
14	Occurrence, distribution and seasonal variation of chlorinated paraffins in coral communities from South China Sea. <i>Journal of Hazardous Materials</i> , 2021, 402, 123529.	6.5	13
15	Femtosecond time-resolved diffuse reflectance study on facet engineered charge-carrier dynamics in Ag ₃ PO ₄ for antibiotics photodegradation. <i>Applied Catalysis B: Environmental</i> , 2021, 281, 119479.	10.8	42
16	Complexes of Fe(III)-organic pollutants that directly activate Fenton-like processes under visible light. <i>Applied Catalysis B: Environmental</i> , 2021, 283, 119663.	10.8	87
17	Surfactant assisted Cr-metal organic framework for the detection of bisphenol A in dust from E-waste recycling area. <i>Analytica Chimica Acta</i> , 2021, 1146, 174-183.	2.6	23
18	Improved LC-MS/MS Method for the Simultaneous Determination of Synthetic Phenol Antioxidants and Relevant Metabolites Making Use of Atmospheric Pressure Chemical Ionization and a Trap Column. <i>Environmental Science and Technology Letters</i> , 2021, 8, 256-262.	3.9	9

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19	Organophosphate Diesters in Urban River Sediment from South China: Call for More Research on Their Occurrence and Fate in Field Environment. <i>ACS ES&T Water</i> , 2021, 1, 871-880.	2.3	25
20	Identification of Environmental Liquid-Crystal Monomers: A Class of New Persistent Organic Pollutants—Fluorinated Biphenyls and Analogues—Emitted from E-Waste Dismantling. <i>Environmental Science & Technology</i> , 2021, 55, 5984-5992.	4.6	57
21	Determination of 21 photoinitiators in human plasma by using high-performance liquid chromatography coupled with tandem mass spectrometry: A systemically validation and application in healthy volunteers. <i>Journal of Chromatography A</i> , 2021, 1643, 462079.	1.8	5
22	Insight into the effects of hydroxyl groups on the rates and pathways of tetracycline antibiotics degradation in the carbon black activated peroxydisulfate oxidation process. <i>Journal of Hazardous Materials</i> , 2021, 412, 125256.	6.5	70
23	Chlorinated paraffins in infant foods from the Chinese market and estimated dietary intake by infants. <i>Journal of Hazardous Materials</i> , 2021, 411, 125073.	6.5	21
24	Beyond Classic Phthalates: Occurrence of Multiple Emerging Phthalate Alternatives and Their Metabolites in Human Milk and Implications for Combined Exposure in Infants. <i>Environmental Science and Technology Letters</i> , 2021, 8, 705-712.	3.9	14
25	Prevalence of phthalate alternatives and monoesters alongside traditional phthalates in indoor dust from a typical e-waste recycling area: Source elucidation and co-exposure risk. <i>Journal of Hazardous Materials</i> , 2021, 413, 125322.	6.5	34
26	Occurrence and Nationwide Distribution of Multiple Novel Bisphenol S Analogues in Municipal Sewage Sludge across China. <i>Environmental Science and Technology Letters</i> , 2021, 8, 766-772.	3.9	11
27	Associations of Prenatal Exposure to Per- and Polyfluoroalkyl Substances with the Neonatal Birth Size and Hormones in the Growth Hormone/Insulin-Like Growth Factor Axis. <i>Environmental Science & Technology</i> , 2021, 55, 11859-11873.	4.6	25
28	Comprehensive Identification of Liquid Crystal Monomers—Biphenyls, Cyanobiphenyls, Fluorinated Biphenyls, and their Analogues—in Waste LCD Panels and the First Estimate of their Global Release into the Environment. <i>Environmental Science & Technology</i> , 2021, 55, 12424-12436.	4.6	42
29	Photo-assisted simultaneous electrochemical detection of multiple heavy metal ions with a metal-free carbon black anchored graphitic carbon nitride sensor. <i>Analytica Chimica Acta</i> , 2021, 1183, 338951.	2.6	32
30	Consolidated 3D Co3Mn-layered double hydroxide aerogel for photo-assisted peroxymonosulfate activation in metronidazole degradation. <i>Chemical Engineering Journal</i> , 2021, 423, 130172.	6.6	48
31	Hair and nails as noninvasive bioindicators of human exposure to chlorinated paraffins: Contamination patterns and potential influencing factors. <i>Science of the Total Environment</i> , 2021, 798, 149257.	3.9	11
32	Occurrence of Multiple Bisphenol S Derivatives in Breast Milk from Chinese Lactating Women and Implications for Exposure in Breast-fed Infants. <i>Environmental Science and Technology Letters</i> , 2021, 8, 176-182.	3.9	19
33	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
34	New insight into the substituents affecting the peroxydisulfate nonradical oxidation of sulfonamides in water. <i>Water Research</i> , 2020, 171, 115374.	5.3	88
35	Blood partitioning and whole-blood-based maternal transfer assessment of chlorinated paraffins in mother-infant pairs from South China. <i>Environment International</i> , 2020, 142, 105871.	4.8	15
36	Photo-electrochemical detection of dopamine in human urine and calf serum based on MIL-101 (Cr)/carbon black. <i>Mikrochimica Acta</i> , 2020, 187, 526.	2.5	40

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37	Beyond Traditional Organophosphate Triesters: Prevalence of Emerging Organophosphate Triesters and Organophosphate Diesters in Indoor Dust from a Mega E-waste Recycling Industrial Park in South China. <i>Environmental Science & Technology</i> , 2020, 54, 12001-12012.	4.6	53
38	Benzotriazoles and benzothiazoles prevail in indoor dust from an E-waste dismantling area in South China: Elevated concentrations and implication for human exposure. <i>Science of the Total Environment</i> , 2020, 723, 137979.	3.9	15
39	Occurrence and Maternal Transfer of Multiple Bisphenols, Including an Emerging Derivative with Unexpectedly High Concentrations, in the Human Maternalâ€Fetalâ€Placental Unit. <i>Environmental Science & Technology</i> , 2020, 54, 3476-3486.	4.6	41
40	Insight into combining visible-light photocatalysis with transformation of dual metal ions for enhancing peroxymonosulfate activation over dibismuth copper oxide. <i>Chemical Engineering Journal</i> , 2020, 390, 124582.	6.6	40
41	Co-occurrence of and Infant Exposure to Multiple Common and Unusual Phenolic Antioxidants in Human Breast Milk. <i>Environmental Science and Technology Letters</i> , 2020, 7, 206-212.	3.9	37
42	Occurrence of multiple classes of emerging photoinitiators in indoor dust from E-waste recycling facilities and adjacent communities in South China and implications for human exposure. <i>Environment International</i> , 2020, 136, 105462.	4.8	24
43	In situ photoreduction of structural Fe(III) in a metalâ€organic framework for peroxydisulfate activation and efficient removal of antibiotics in real wastewater. <i>Journal of Hazardous Materials</i> , 2020, 388, 121996.	6.5	121
44	Occurrence and Distribution of Photoinitiator Additives in Paired Maternal and Cord Plasma in a South China Population. <i>Environmental Science & Technology</i> , 2019, 53, 10969-10977.	4.6	20
45	Prevalence, Biotransformation, and Maternal Transfer of Synthetic Phenolic Antioxidants in Pregnant Women from South China. <i>Environmental Science & Technology</i> , 2019, 53, 13959-13969.	4.6	40
46	Enhanced photo-assisted ethanol electro-oxidation activity by using broadband visible light absorption of a graphitic C ₃ N ₄ /BiOI carrier. <i>Sustainable Energy and Fuels</i> , 2019, 3, 439-449.	2.5	30
47	Development and validation of a liquid chromatography-tandem mass spectrometry method for the simultaneous determination of 17 traditional and emerging aryl organophosphate esters in indoor dust. <i>Journal of Chromatography A</i> , 2019, 1603, 199-207.	1.8	18
48	Occurrence of two novel triazine-based flame retardants in an E-waste recycling area in South China: Implication for human exposure. <i>Science of the Total Environment</i> , 2019, 683, 249-257.	3.9	21
49	Dual function of graphene oxide for assisted exfoliation of black phosphorus and electron shuttle in promoting visible and near-infrared photocatalytic H ₂ evolution. <i>Applied Catalysis B: Environmental</i> , 2019, 256, 117864.	10.8	41
50	Polybrominated diphenyl ethers and alternative halogenated flame retardants in mollusks from the Chinese Bohai Sea: Levels and interspecific differences. <i>Marine Pollution Bulletin</i> , 2019, 142, 551-558.	2.3	13
51	Altitude-dependent accumulation of short chain chlorinated paraffins in fish from alpine lakes and Lhasa river on the Tibetan Plateau. <i>Environmental Pollution</i> , 2019, 250, 594-600.	3.7	10
52	Enhanced formic acid electrooxidation reaction enabled by 3D PtCo nanodendrites electrocatalyst. <i>Journal of Alloys and Compounds</i> , 2019, 774, 274-281.	2.8	29
53	One-pot fabrication of Nitrogen-doped graphene supported binary palladium-silver nanocapsules enable efficient ethylene glycol electrocatalysis. <i>Journal of Colloid and Interface Science</i> , 2019, 535, 392-399.	5.0	11
54	Visible light-enhanced electrocatalytic alcohol oxidation based on two dimensional Pt-BiOBr nanocomposite. <i>Journal of Colloid and Interface Science</i> , 2018, 524, 195-203.	5.0	40

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55	Modulation of the Reduction Potential of TiO ₂ by Fluorination for Efficient and Selective CH ₄ Generation from CO ₂ Photoreduction. <i>Nano Letters</i> , 2018, 18, 3384-3390.	4.5	166
56	Mechanism for sulfidation of silver nanoparticles by copper sulfide in water under aerobic conditions. <i>Environmental Science: Nano</i> , 2018, 5, 2819-2829.	2.2	9
57	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
58	Combined Effects of Dust and Dietary Exposure of Occupational Workers and Local Residents to Short- and Medium-Chain Chlorinated Paraffins in a Mega E-Waste Recycling Industrial Park in South China. <i>Environmental Science & Technology</i> , 2018, 52, 11510-11519.	4.6	25
59	Nano-engineered hexagonal PtCuCo nanocrystals with enhanced catalytic activity for ethylene glycol and glycerol electrooxidation. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 93, 477-484.	2.7	14
60	Enhanced electrocatalytic ethanol oxidation reaction in alkaline media over Pt on a 2D BiVO ₄ -modified electrode under visible light irradiation. <i>Catalysis Science and Technology</i> , 2018, 8, 3562-3571.	2.1	30
61	Spatial and temporal trends of short- and medium-chain chlorinated paraffins in sediments off the urbanized coastal zones in China and Japan: A comparison study. <i>Environmental Pollution</i> , 2017, 224, 357-367.	3.7	62
62	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
63	Global distribution of perfluorochemicals (PFCs) in potential human exposure source—A review. <i>Environment International</i> , 2017, 108, 51-62.	4.8	214
64	Tracking Dietary Sources of Short- and Medium-Chain Chlorinated Paraffins in Marine Mammals through a Subtropical Marine Food Web. <i>Environmental Science & Technology</i> , 2017, 51, 9543-9552.	4.6	67
65	Role of Secondary Particle Formation in the Persistence of Silver Nanoparticles in Humic Acid Containing Water under Light Irradiation. <i>Environmental Science & Technology</i> , 2017, 51, 14164-14172.	4.6	37
66	Temporal Trends and Pattern Changes of Short- and Medium-Chain Chlorinated Paraffins in Marine Mammals from the South China Sea over the Past Decade. <i>Environmental Science & Technology</i> , 2015, 49, 11348-11355.	4.6	94
67	Current Levels and Composition Profiles of Emerging Halogenated Flame Retardants and Dehalogenated Products in Sewage Sludge from Municipal Wastewater Treatment Plants in China. <i>Environmental Science & Technology</i> , 2014, 48, 12586-12594.	4.6	72
68	Spatial Distributions and Deposition Chronology of Short Chain Chlorinated Paraffins in Marine Sediments across the Chinese Bohai and Yellow Seas. <i>Environmental Science & Technology</i> , 2013, 47, 11449-11456.	4.6	104
69	Source and Migration of Short-Chain Chlorinated Paraffins in the Coastal East China Sea Using Multiproxies of Marine Organic Geochemistry. <i>Environmental Science & Technology</i> , 2013, 47, 5013-5022.	4.6	49
70	Behavior, Fate, and Mass Loading of Short Chain Chlorinated Paraffins in an Advanced Municipal Sewage Treatment Plant. <i>Environmental Science & Technology</i> , 2013, 47, 732-740.	4.6	75
71	Short Chain Chlorinated Paraffins in Mollusks from Coastal Waters in the Chinese Bohai Sea. <i>Environmental Science & Technology</i> , 2012, 46, 6489-6496.	4.6	100
72	Tris(2,3-dibromopropyl) Isocyanurate, Hexabromocyclododecanes, and Polybrominated Diphenyl Ethers in Mollusks from Chinese Bohai Sea. <i>Environmental Science & Technology</i> , 2012, 46, 7174-7181.	4.6	74

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73	Summer-winter concentrations and gas-particle partitioning of short chain chlorinated paraffins in the atmosphere of an urban setting. <i>Environmental Pollution</i> , 2012, 171, 38-45.	3.7	82
74	Distribution of Short Chain Chlorinated Paraffins in Marine Sediments of the East China Sea: Influencing Factors, Transport and Implications. <i>Environmental Science & Technology</i> , 2012, 46, 9898-9906.	4.6	83
75	Levels and distribution patterns of short chain chlorinated paraffins in sewage sludge of wastewater treatment plants in China. <i>Environmental Pollution</i> , 2012, 160, 88-94.	3.7	79
76	Distribution and Trophic Transfer of Short-Chain Chlorinated Paraffins in an Aquatic Ecosystem Receiving Effluents from a Sewage Treatment Plant. <i>Environmental Science & Technology</i> , 2011, 45, 5529-5535.	4.6	153
77	Spatial and Vertical Distribution of Short Chain Chlorinated Paraffins in Soils from Wastewater Irrigated Farmlands. <i>Environmental Science & Technology</i> , 2011, 45, 2100-2106.	4.6	155