Lixi Zeng

List of Publications by Year
in descending order

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77	3,710	94381	138417
papers	citations	37 h-index	58 g-index

78	78	78	2834
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Global distribution of perfluorochemicals (PFCs) in potential human exposure sourceâ€“A review. Environment International, 2017, 108, 51-62.	4.8	214
2	Modulation of the Reduction Potential of TiO_{2â€“x} by Fluorination for Efficient and Selective CH₄ Generation from CO₂ Photoreduction. Nano Letters, 2018, 18, 3384-3390.	4.5	166
3	Spatial and Vertical Distribution of Short Chain Chlorinated Paraffins in Soils from Wastewater Irrigated Farmlands. Environmental Science & Technology, 2011, 45, 2100-2106.	4.6	155
4	Distribution and Trophic Transfer of Short-Chain Chlorinated Paraffins in an Aquatic Ecosystem Receiving Effluents from a Sewage Treatment Plant. Environmental Science & Technology, 2011, 45, 5529-5535.	4.6	153
5	In situ photoreduction of structural Fe(III) in a metalâ€“organic framework for peroxydisulfate activation and efficient removal of antibiotics in real wastewater. Journal of Hazardous Materials, 2020, 388, 121996.	6.5	121
6	Organophosphate Triesters and Diester Degradation Products in Municipal Sludge from Wastewater Treatment Plants in China: Spatial Patterns and Ecological Implications. Environmental Science & Technology, 2017, 51, 13614-13623.	4.6	112
7	Spatial Distributions and Deposition Chronology of Short Chain Chlorinated Paraffins in Marine Sediments across the Chinese Bohai and Yellow Seas. Environmental Science & Technology, 2013, 47, 11449-11456.	4.6	104
8	Heterogeneous Photocatalytic Activation of Persulfate for the Removal of Organic Contaminants in Water: A Critical Review. ACS ES&T Engineering, 2022, 2, 527-546.	3.7	101
9	Short Chain Chlorinated Paraffins in Mollusks from Coastal Waters in the Chinese Bohai Sea. Environmental Science & Technology, 2012, 46, 6489-6496.	4.6	100
10	Temporal Trends and Pattern Changes of Short- and Medium-Chain Chlorinated Paraffins in Marine Mammals from the South China Sea over the Past Decade. Environmental Science & Technology, 2015, 49, 11348-11355.	4.6	94
11	New insight into the substituents affecting the peroxydisulfate nonradical oxidation of sulfonamides in water. Water Research, 2020, 171, 115374.	5.3	88
12	Complexes of Fe(III)-organic pollutants that directly activate Fenton-like processes under visible light. Applied Catalysis B: Environmental, 2021, 283, 119663.	10.8	87
13	Distribution of Short Chain Chlorinated Paraffins in Marine Sediments of the East China Sea: Influencing Factors, Transport and Implications. Environmental Science & Technology, 2012, 46, 9898-9906.	4.6	83
14	Summerâ€“winter concentrations and gas-particle partitioning of short chain chlorinated paraffins in the atmosphere of an urban setting. Environmental Pollution, 2012, 171, 38-45.	3.7	82
15	Levels and distribution patterns of short chain chlorinated paraffins in sewage sludge of wastewater treatment plants in China. Environmental Pollution, 2012, 160, 88-94.	3.7	79
16	Behavior, Fate, and Mass Loading of Short Chain Chlorinated Paraffins in an Advanced Municipal Sewage Treatment Plant. Environmental Science & Technology, 2013, 47, 732-740.	4.6	75
17	Tris(2,3-dibromopropyl) Isocyanurate, Hexabromocyclododecanes, and Polybrominated Diphenyl Ethers in Mollusks from Chinese Bohai Sea. Environmental Science & Technology, 2012, 46, 7174-7181.	4.6	74
18	Current Levels and Composition Profiles of Emerging Halogenated Flame Retardants and Dehalogenated Products in Sewage Sludge from Municipal Wastewater Treatment Plants in China. Environmental Science & Technology, 2014, 48, 12586-12594.	4.6	72

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19	Recent progress on the removal of antibiotic pollutants using photocatalytic oxidation process. Critical Reviews in Environmental Science and Technology, 2022, 52, 1401-1448.	6.6	72
20	Insight into the effects of hydroxyl groups on the rates and pathways of tetracycline antibiotics degradation in the carbon black activated peroxydisulfate oxidation process. Journal of Hazardous Materials, 2021, 412, 125256.	6.5	70
21	Tracking Dietary Sources of Short- and Medium-Chain Chlorinated Paraffins in Marine Mammals through a Subtropical Marine Food Web. Environmental Science & Technology, 2017, 51, 9543-9552.	4.6	67
22	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. Environmental Pollution, 2017, 224, 357-367.	3.7	62
23	Identification of Environmental Liquid-Crystal Monomers: A Class of New Persistent Organic Pollutantsâ€"Fluorinated Biphenyls and Analoguesâ€"Emitted from E-Waste Dismantling. Environmental Science & Technology, 2021, 55, 5984-5992.	4.6	57
24	Piezo-enhanced charge carrier separation over plasmonic Au-BiOBr for piezo-photocatalytic carbamazepine removal. Applied Catalysis B: Environmental, 2022, 311, 121369.	10.8	57
25	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. Environmental Science & Technology, 2020, 54, 12001-12012.	4.6	53
26	Source and Migration of Short-Chain Chlorinated Paraffins in the Coastal East China Sea Using Multiproxies of Marine Organic Geochemistry. Environmental Science & Technology, 2013, 47, 5013-5022.	4.6	49
27	Consolidated 3D Co3Mn-layered double hydroxide aerogel for photo-assisted peroxymonosulfate activation in metronidazole degradation. Chemical Engineering Journal, 2021, 423, 130172.	6.6	48
28	Femtosecond time-resolved diffuse reflectance study on facet engineered chargeâ€carrier dynamics in Ag3PO4 for antibiotics photodegradation. Applied Catalysis B: Environmental, 2021, 281, 119479.	10.8	42
29	Comprehensive Identification of Liquid Crystal Monomersâ€"Biphenyls, Cyanobiphenyls, Fluorinated Biphenyls, and their Analoguesâ€"in Waste LCD Panels and the First Estimate of their Global Release into the Environment. Environmental Science & Technology, 2021, 55, 12424-12436.	4.6	42
30	Dual function of graphene oxide for assisted exfoliation of black phosphorus and electron shuttle in promoting visible and near-infrared photocatalytic H2 evolution. Applied Catalysis B: Environmental, 2019, 256, 117864.	10.8	41
31	Occurrence and Maternal Transfer of Multiple Bisphenols, Including an Emerging Derivative with Unexpectedly High Concentrations, in the Human Maternalâ€"Fetalâ€"Placental Unit. Environmental Science & Technology, 2020, 54, 3476-3486.	4.6	41
32	Visible light-enhanced electrocatalytic alcohol oxidation based on two dimensional Pt-BiOBr nanocomposite. Journal of Colloid and Interface Science, 2018, 524, 195-203.	5.0	40
33	Prevalence, Biotransformation, and Maternal Transfer of Synthetic Phenolic Antioxidants in Pregnant Women from South China. Environmental Science & Technology, 2019, 53, 13959-13969.	4.6	40
34	Photo-electrochemical detection of dopamine in human urine and calf serum based on MIL-101 (Cr)/carbon black. Mikrochimica Acta, 2020, 187, 526.	2.5	40
35	Insight into combining visible-light photocatalysis with transformation of dual metal ions for enhancing peroxymonosulfate activation over dibismuth copper oxide. Chemical Engineering Journal, 2020, 390, 124582.	6.6	40
36	Role of Secondary Particle Formation in the Persistence of Silver Nanoparticles in Humic Acid Containing Water under Light Irradiation. Environmental Science & Technology, 2017, 51, 14164-14172.	4.6	37

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37	Co-occurrence of and Infant Exposure to Multiple Common and Unusual Phenolic Antioxidants in Human Breast Milk. Environmental Science and Technology Letters, 2020, 7, 206-212.	3.9	37
38	Release and Gasâ€"Particle Partitioning Behavior of Liquid Crystal Monomers during the Dismantling of Waste Liquid Crystal Display Panels in E-Waste Recycling Facilities. Environmental Science & Technology, 2022, 56, 3106-3116.	4.6	35
39	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. Journal of Hazardous Materials, 2021, 413, 125322.	6.5	34
40	Photo-assisted simultaneous electrochemical detection of multiple heavy metal ions with a metal-free carbon black anchored graphitic carbon nitride sensor. Analytica Chimica Acta, 2021, 1183, 338951.	2.6	32
41	Size-dependent distribution and inhalation exposure characteristics of particle-bound chlorinated paraffins in indoor air in Guangzhou, China. Environment International, 2018, 121, 675-682.	4.8	30
42	Enhanced electrocatalytic ethanol oxidation reaction in alkaline media over Pt on a 2D BiVO₄-modified electrode under visible light irradiation. Catalysis Science and Technology, 2018, 8, 3562-3571.	2.1	30
43	Enhanced photo-assisted ethanol electro-oxidation activity by using broadband visible light absorption of a graphitic C₃N₄/BiOI carrier. Sustainable Energy and Fuels, 2019, 3, 439-449.	2.5	30
44	Polybrominated diphenyl ethers and organophosphate esters flame retardants in play mats from China and the exposure risks for children. Environment International, 2020, 135, 105348.	4.8	30
45	Enhanced formic acid electrooxidation reaction enabled by 3D PtCo nanodendrites electrocatalyst. Journal of Alloys and Compounds, 2019, 774, 274-281.	2.8	29
46	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. Environmental Science & Technology, 2018, 52, 11510-11519.	4.6	25
47	Organophosphate Diesters in Urban River Sediment from South China: Call for More Research on Their Occurrence and Fate in Field Environment. ACS ES&T Water, 2021, 1, 871-880.	2.3	25
48	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. Environmental Science & Technology, 2021, 55, 11859-11873.	4.6	25
49	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. Environment International, 2020, 136, 105462.	4.8	24
50	Surfactant assisted Cr-metal organic framework for the detection of bisphenol A in dust from E-waste recycling area. Analytica Chimica Acta, 2021, 1146, 174-183.	2.6	23
51	E-Waste Recycling Emits Large Quantities of Emerging Aromatic Amines and Organophosphites: A Poorly Recognized Source for Another Two Classes of Synthetic Antioxidants. Environmental Science and Technology Letters, 2022, 9, 625-631.	3.9	23
52	Occurrence of two novel triazine-based flame retardants in an E-waste recycling area in South China: Implication for human exposure. Science of the Total Environment, 2019, 683, 249-257.	3.9	21
53	Chlorinated paraffins in infant foods from the Chinese market and estimated dietary intake by infants. Journal of Hazardous Materials, 2021, 411, 125073.	6.5	21
54	Occurrence and Distribution of Photoinitiator Additives in Paired Maternal and Cord Plasma in a South China Population. Environmental Science & Technology, 2019, 53, 10969-10977.	4.6	20

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55	Occurrence of Multiple Bisphenol S Derivatives in Breast Milk from Chinese Lactating Women and Implications for Exposure in Breast-fed Infants. Environmental Science and Technology Letters, 2021, 8, 176-182.	3.9	19
56	Molecular structure on the detoxification of fluorinated liquid crystal monomers with reactive oxidation species in the photocatalytic process. Environmental Science and Ecotechnology, 2022, 9, 100141.	6.7	19
57	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. Journal of Chromatography A, 2019, 1603, 199-207.	1.8	18
58	Blood partitioning and whole-blood-based maternal transfer assessment of chlorinated paraffins in mother-infant pairs from South China. Environment International, 2020, 142, 105871.	4.8	15
59	Benzotriazoles and benzothiazoles prevail in indoor dust from an E-waste dismantling area in South China: Elevated concentrations and implication for human exposure. Science of the Total Environment, 2020, 723, 137979.	3.9	15
60	Trace analysis of multiple synthetic phenolic antioxidants in foods by liquid chromatographyâ€“tandem mass spectrometry with complementary use of electrospray ionization and atmospheric pressure chemical ionization. Food Chemistry, 2022, 375, 131663.	4.2	15
61	Nano-engineered hexagonal PtCuCo nanocrystals with enhanced catalytic activity for ethylene glycol and glycerol electrooxidation. Journal of the Taiwan Institute of Chemical Engineers, 2018, 93, 477-484.	2.7	14
62	Beyond Classic Phthalates: Occurrence of Multiple Emerging Phthalate Alternatives and Their Metabolites in Human Milk and Implications for Combined Exposure in Infants. Environmental Science and Technology Letters, 2021, 8, 705-712.	3.9	14
63	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. Journal of Hazardous Materials, 2022, 432, 128652.	6.5	14
64	Polybrominated diphenyl ethers and alternative halogenated flame retardants in mollusks from the Chinese Bohai Sea: Levels and interspecific differences. Marine Pollution Bulletin, 2019, 142, 551-558.	2.3	13
65	Occurrence, distribution and seasonal variation of chlorinated paraffins in coral communities from South China Sea. Journal of Hazardous Materials, 2021, 402, 123529.	6.5	13
66	One-pot fabrication of Nitrogen-doped graphene supported binary palladium-sliver nanocapsules enable efficient ethylene glycol electrocatalysis. Journal of Colloid and Interface Science, 2019, 535, 392-399.	5.0	11
67	Occurrence and Nationwide Distribution of Multiple Novel Bisphenol S Analogues in Municipal Sewage Sludge across China. Environmental Science and Technology Letters, 2021, 8, 766-772.	3.9	11
68	Hair and nails as noninvasive bioindicators of human exposure to chlorinated paraffins: Contamination patterns and potential influencing factors. Science of the Total Environment, 2021, 798, 149257.	3.9	11
69	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. Environmental Science & Technology, 2022, 56, 4210-4220.	4.6	11
70	Altitude-dependent accumulation of short chain chlorinated paraffins in fish from alpine lakes and Lhasa river on the Tibetan Plateau. Environmental Pollution, 2019, 250, 594-600.	3.7	10
71	Mechanism for sulfidation of silver nanoparticles by copper sulfide in water under aerobic conditions. Environmental Science: Nano, 2018, 5, 2819-2829.	2.2	9
72	Improved LCâ€“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. Environmental Science and Technology Letters, 2021, 8, 256-262.	3.9	9

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73	Spatial distribution, homologue patterns and ecological risks of chlorinated paraffins in mangrove sediments along the South China Coast. Environmental Pollution, 2022, 294, 118623.	3.7	8
74	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. Environmental Science and Technology Letters, 2022, 9, 42-49.	3.9	7
75	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. Journal of Chromatography A, 2021, 1643, 462079.	1.8	5
76	Identification of Fluorescent Brighteners as Another Emerging Class of Abundant, Ubiquitous Pollutants in the Indoor Environment. Environmental Science & Technology, 2022, 56, 10131-10140.	4.6	3
77	Response to Comment on â€œAssociations of Prenatal Exposure to Per- and Polyfluoroalkyl Substances with the Neonatal Birth Size and Hormones in the Growth Hormone/Insulin-Like Growth Factor Axisâ€: What Is the Origin of PFHxS Found in the Human Body?. Environmental Science & Technology, 2022, 56, 5285-5286.	4.6	0