Lingyan Zhu

List of Publications by Year
in descending order

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221 papers	13,091 citations	15495 65 h-index	30894 102 g-index
222 all docs	222 docs citations	222 times ranked	11231 citing authors

#	Article	IF	Citations
1	Biomonitoring of Perfluoroalkyl Acids in Human Urine and Estimates of Biological Half-Life. Environmental Science & Technology, 2013, 47, 10619-10627.	4.6	368
2	Photodegradation of bisphenol A by highly stable palladium-doped mesoporous graphite carbon nitride (Pd/mpg-C3N4) under simulated solar light irradiation. Applied Catalysis B: Environmental, 2013, 142-143, 553-560.	10.8	306
3	Novel Mesoporous Graphite Carbon Nitride/BiOI Heterojunction for Enhancing Photocatalytic Performance Under Visible-Light Irradiation. ACS Applied Materials & Interfaces, 2014, 6, 5083-5093.	4.0	301
4	A mesoporous cationic thorium-organic framework that rapidly traps anionic persistent organic pollutants. Nature Communications, 2017, 8, 1354.	5.8	296
5	Long-term phototransformation of microplastics under simulated sunlight irradiation in aquatic environments: Roles of reactive oxygen species. Water Research, 2020, 173, 115564.	5.3	296
6	Formation of Environmentally Persistent Free Radicals on Microplastics under Light Irradiation. Environmental Science & Technology, 2019, 53, 8177-8186.	4.6	295
7	Synthesis and characterization of a novel MnOx-loaded biochar and its adsorption properties for Cu2+ in aqueous solution. Chemical Engineering Journal, 2014, 242, 36-42.	6.6	277
8	High temperature depended on the ageing mechanism of microplastics under different environmental conditions and its effect on the distribution of organic pollutants. Water Research, 2020, 174, 115634.	5.3	253
9	Degradation and Mineralization of Bisphenol A by Mesoporous Bi₂WO₆ under Simulated Solar Light Irradiation. Environmental Science & Technology, 2010, 44, 6843-6848.	4.6	251
10	Occurrence and partitioning of bisphenol analogues in water and sediment from Liaohe River Basin and Taihu Lake, China. Water Research, 2016, 103, 343-351.	5.3	225
11	Highly active Bi/BiOI composite synthesized by one-step reaction and its capacity to degrade bisphenol A under simulated solar light irradiation. Chemical Engineering Journal, 2013, 233, 305-314.	6.6	219
12	Immobilization of lead and cadmium from aqueous solution and contaminated sediment using nano-hydroxyapatite. Environmental Pollution, 2010, 158, 514-519.	3.7	207
13	Occurrence and partition of perfluorinated compounds in water and sediment from Liao River and Taihu Lake, China. Chemosphere, 2011, 83, 806-814.	4.2	199
14	Biochars derived from various crop straws: Characterization and Cd(II) removal potential. Ecotoxicology and Environmental Safety, 2014, 106, 226-231.	2.9	190
15	Photolytic reaction mechanism and impacts of coexisting substances on photodegradation of bisphenol A by Bi2WO6 inÂwater. Water Research, 2012, 46, 845-853.	5.3	179
16	Health risk assessment of heavy metals in freshwater fish in the central and eastern North China. Ecotoxicology and Environmental Safety, 2018, 157, 343-349.	2.9	161
17	Trophic Magnification and Isomer Fractionation of Perfluoroalkyl Substances in the Food Web of Taihu Lake, China. Environmental Science & Technology, 2014, 48, 2173-2182.	4.6	150
18	Novel MWNTsâ€“Bi2WO6 composites with enhanced simulated solar photoactivity toward adsorbed and free tetracycline in water. Applied Catalysis B: Environmental, 2015, 176-177, 11-19.	10.8	150

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19	Bioaccumulation and biomagnification of emerging bisphenol analogues in aquatic organisms from Taihu Lake, China. Science of the Total Environment, 2017, 598, 814-820.	3.9	150
20	Transformation of Polycyclic Aromatic Hydrocarbons and Formation of Environmentally Persistent Free Radicals on Modified Montmorillonite: The Role of Surface Metal Ions and Polycyclic Aromatic Hydrocarbon Molecular Properties. Environmental Science & Technology, 2018, 52, 5725-5733.	4.6	148
21	Simultaneous adsorption and degradation of Î³-HCH by nZVI/Cu bimetallic nanoparticles with activated carbon support. Environmental Pollution, 2011, 159, 2507-2514.	3.7	146
22	Comparison of the sorption behaviors and mechanisms of perfluorosulfonates and perfluorocarboxylic acids on three kinds of clay minerals. Chemosphere, 2014, 114, 51-58.	4.2	144
23	Novel Cu(II)â€“EDTA Decomplexation by Discharge Plasma Oxidation and Coupled Cu Removal by Alkaline Precipitation: Underneath Mechanisms. Environmental Science & Technology, 2018, 52, 7884-7891.	4.6	137
24	Biosorption of divalent Pb, Cd and Zn on aragonite and calcite mollusk shells. Environmental Pollution, 2011, 159, 1763-1768.	3.7	134
25	Bioavailability and biomagnification of organophosphate esters in the food web of Taihu Lake, China: Impacts of chemical properties and metabolism. Environment International, 2019, 125, 25-32.	4.8	121
26	Enhanced photocatalytic performance of boron doped Bi2WO6 nanosheets under simulated solar light irradiation. Journal of Hazardous Materials, 2013, 254-255, 185-192.	6.5	120
27	Brominated Flame Retardants in Tree Bark from North America. Environmental Science & Technology, 2006, 40, 3711-3716.	4.6	119
28	Effect of humic acid (HA) on sulfonamide sorption by biochars. Environmental Pollution, 2015, 204, 306-312.	3.7	118
29	Isomer Profiles of Perfluoroalkyl Substances in Water and Soil Surrounding a Chinese Fluorochemical Manufacturing Park. Environmental Science & Technology, 2015, 49, 4946-4954.	4.6	118
30	Partition and source identification of organophosphate esters in the water and sediment of Taihu Lake, China. Journal of Hazardous Materials, 2018, 360, 43-50.	6.5	113
31	Isomeric specific partitioning behaviors of perfluoroalkyl substances in water dissolved phase, suspended particulate matters and sediments in Liao River Basin and Taihu Lake, China. Water Research, 2015, 80, 235-244.	5.3	108
32	Photodegradation of perfluorooctanoic acid by synthesized TiO2â€“MWCNT composites under 365 nm UV irradiation. Chemosphere, 2012, 86, 853-859.	4.2	106
33	Per- and Polyfluoroalkyl Substances (PFASs) in Indoor Air and Dust from Homes and Various Microenvironments in China: Implications for Human Exposure. Environmental Science & Technology, 2018, 52, 3156-3166.	4.6	100
34	In situ preparation of p-n BiOI@Bi5O7I heterojunction for enhanced PFOA photocatalytic degradation under simulated solar light irradiation. Chemical Engineering Journal, 2020, 391, 123530.	6.6	97
35	Brominated Flame Retardants in Serum from the General Population in Northern China. Environmental Science & Technology, 2009, 43, 6963-6968.	4.6	95
36	A green strategy for simultaneous Cu(II)-EDTA decomplexation and Cu precipitation from water by bicarbonate-activated hydrogen peroxide/chemical precipitation. Chemical Engineering Journal, 2019, 370, 1298-1309.	6.6	93

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37	Occurrence, partitioning and bioaccumulation of emerging and legacy per- and polyfluoroalkyl substances in Taihu Lake, China. Science of the Total Environment, 2018, 634, 251-259.	3.9	91
38	Mechanistic understanding of tetracycline sorption on waste tire powder and its chars as affected by Cu2+ and pH. Environmental Pollution, 2013, 178, 264-270.	3.7	90
39	Isomers of perfluorooctanesulfonate and perfluorooctanoate and total perfluoroalkyl acids in human serum from two cities in North China. Environment International, 2013, 53, 9-17.	4.8	90
40	Charge mediated interaction of polystyrene nanoplastic (PSNP) with minerals in aqueous phase. Water Research, 2020, 178, 115861.	5.3	89
41	Occurrence and source apportionment of novel and legacy poly/perfluoroalkyl substances in Hai River basin in China using receptor models and isomeric fingerprints. Water Research, 2020, 168, 115145.	5.3	88
42	Uptake Kinetics, Accumulation, and Long-Distance Transport of Organophosphate Esters in Plants: Impacts of Chemical and Plant Properties. Environmental Science & Technology, 2019, 53, 4940-4947.	4.6	85
43	Probing the aging processes and mechanisms of microplastic under simulated multiple actions generated by discharge plasma. Journal of Hazardous Materials, 2020, 398, 122956.	6.5	85
44	Highly efficient photocatalytic degradation toward perï¬‚uorooctanoic acid by bromine doped BiOI with high exposure of (001) facet. Applied Catalysis B: Environmental, 2020, 268, 118442.	10.8	83
45	Sorption of apolar and polar organic contaminants by waste tire rubber and its chars in single- and bi-solute systems. Environmental Pollution, 2011, 159, 850-857.	3.7	82
46	Distribution and desorption of perfluorinated compounds in fractionated sediments. Chemosphere, 2012, 88, 1390-1397.	4.2	82
47	Mutual impacts of wheat (Triticum aestivum L.) and earthworms (Eisenia fetida) on the bioavailability of perfluoroalkyl substances (PFASs) in soil. Environmental Pollution, 2014, 184, 495-501.	3.7	82
48	Efficient degradation of antibiotics by non-thermal discharge plasma: Highlight the impacts of molecular structures and degradation pathways. Chemical Engineering Journal, 2020, 395, 125091.	6.6	82
49	The photodegradation processes and mechanisms of polyvinyl chloride and polyethylene terephthalate microplastic in aquatic environments: Important role of clay minerals. Water Research, 2022, 208, 117879.	5.3	82
50	Dissolved Organic Matter Promotes the Aging Process of Polystyrene Microplastics under Dark and Ultraviolet Light Conditions: The Crucial Role of Reactive Oxygen Species. Environmental Science & Technology, 2022, 56, 10149-10160.	4.6	82
51	Nontarget Mass Spectrometry Reveals New Perfluoroalkyl Substances in Fish from the Yangtze River and Tangxun Lake, China. Environmental Science & Technology, 2018, 52, 5830-5840.	4.6	81
52	Bioaccumulation of perfluoroalkyl carboxylates (PFCAs) and perfluoroalkane sulfonates (PFSAs) by earthworms (Eisenia fetida) in soil. Environmental Pollution, 2013, 179, 45-52.	3.7	79
53	Highly efficient photocatalysis toward tetracycline under simulated solar-light by Ag+-CDs-Bi2WO6: Synergistic effects of silver ions and carbon dots. Applied Catalysis B: Environmental, 2016, 192, 277-285.	10.8	79
54	Concentration profiles and spatial distribution of perfluoroalkyl substances in an industrial center with condensed fluorochemical facilities. Science of the Total Environment, 2014, 490, 351-359.	3.9	78

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55	In Vivo and in Vitro Isomer-Specific Biotransformation of Perfluorooctane Sulfonamide in Common Carp (Cyprinus carpio). Environmental Science & Technology, 2015, 49, 13817-13824.	4.6	78
56	Comparative study on composition, structure, and adsorption behavior of activated carbons derived from different synthetic waste polymers. Journal of Colloid and Interface Science, 2011, 360, 725-730.	5.0	77
57	Fate of TiO2 nanoparticles entering sewage treatment plants and bioaccumulation in fish in the receiving streams. NanoImpact, 2016, 3-4, 96-103.	2.4	77
58	Impact of low molecular weight organic acids (LMWOAs) on biochar micropores and sorption properties for sulfamethoxazole. Environmental Pollution, 2016, 214, 142-148.	3.7	73
59	Photocatalytic Degradation Efficiency and Mechanism of Microcystin-RR by Mesoporous Bi₂WO₆ under Near Ultraviolet Light. Environmental Science & Technology, 2012, 46, 2345-2351.	4.6	72
60	Distribution characteristics and mechanism of microplastics mediated by soil physicochemical properties. Science of the Total Environment, 2020, 726, 138389.	3.9	72
61	Enhanced cytotoxicity of photoaged phenol-formaldehyde resins microplastics: Combined effects of environmentally persistent free radicals, reactive oxygen species, and conjugated carbonyls. Environment International, 2020, 145, 106137.	4.8	71
62	Toxicities and risk assessment of heavy metals in sediments of Taihu Lake, China, based on sediment quality guidelines. Journal of Environmental Sciences, 2017, 62, 31-38.	3.2	70
63	Estimating renal and hepatic clearance rates of organophosphate esters in humans: Impacts of intrinsic metabolism and binding affinity with plasma proteins. Environment International, 2020, 134, 105321.	4.8	70
64	Characterization of photocatalyst Bi3.84W0.16O6.24 and its photodegradation on bisphenol A under simulated solar light irradiation. Applied Catalysis B: Environmental, 2011, 105, 229-236.	10.8	67
65	Perfluoroalkyl acids (PFAAs) with isomer analysis in the commercial PFOS and PFOA products in China. Chemosphere, 2015, 127, 180-187.	4.2	67
66	Concentration Dependent Effects of Bovine Serum Albumin on Graphene Oxide Colloidal Stability in Aquatic Environment. Environmental Science & Technology, 2018, 52, 7212-7219.	4.6	67
67	Endogenously activated persulfate by non-thermal plasma for Cu(II)-EDTA decomplexation: Synergistic effect and mechanisms. Chemical Engineering Journal, 2021, 406, 126774.	6.6	67
68	Sediment quality guidelines: challenges and opportunities for improving sediment management. Environmental Science and Pollution Research, 2014, 21, 17-27.	2.7	66
69	Exposure to phthalates in patients with diabetes and its association with oxidative stress, adiponectin, and inflammatory cytokines. Environment International, 2017, 109, 53-63.	4.8	66
70	Photodegradation of seven bisphenol analogues by Bi5O7I/UiO-67 heterojunction: Relationship between the chemical structures and removal efficiency. Applied Catalysis B: Environmental, 2020, 277, 119222.	10.8	66
71	Solvothermal synthesis of I-deficient BiOI thin film with distinct photocatalytic activity and durability under simulated sunlight. Applied Catalysis B: Environmental, 2017, 219, 249-258.	10.8	64
72	Potential sources and sediment-pore water partitioning behaviors of emerging per/polyfluoroalkyl substances in the South Yellow Sea. Journal of Hazardous Materials, 2020, 389, 122124.	6.5	63

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73	Promoted catalytic transformation of polycyclic aromatic hydrocarbons by MnO2 polymorphs: Synergistic effects of Mn3+ and oxygen vacancies. Applied Catalysis B: Environmental, 2020, 272, 119030.	10.8	63
74	Evidences for replacing legacy per- and polyfluoroalkyl substances with emerging ones in Fen and Wei River basins in central and western China. Journal of Hazardous Materials, 2019, 377, 78-87.	6.5	62
75	Probing mechanisms for bioaccumulation of perfluoroalkyl acids in carp (Cyprinus carpio): Impacts of protein binding affinities and elimination pathways. Science of the Total Environment, 2019, 647, 992-999.	3.9	61
76	Serum levels of perfluoroalkyl acids (PFAAs) with isomer analysis and their associations with medical parameters in Chinese pregnant women. Environment International, 2014, 64, 40-47.	4.8	60
77	Mechanisms for light-driven evolution of environmentally persistent free radicals and photolytic degradation of PAHs on Fe(III)-montmorillonite surface. Journal of Hazardous Materials, 2019, 362, 92-98.	6.5	60
78	Bioaccumulation and bioavailability of polybrominated diphynel ethers (PBDEs) in soil. Environmental Pollution, 2010, 158, 2387-2392.	3.7	59
79	Isomerâ€“Specific Distribution of Perfluoroalkyl Substances in Blood. Environmental Science & Technology, 2016, 50, 7808-7815.	4.6	59
80	Underneath mechanisms into the super effective degradation of PFOA by BiOF nanosheets with tunable oxygen vacancies on exposed (101) facets. Applied Catalysis B: Environmental, 2021, 286, 119911.	10.8	59
81	Riverine inputs and source tracing of perfluoroalkyl substances (PFASs) in Taihu Lake, China. Science of the Total Environment, 2018, 612, 18-25.	3.9	58
82	Impacts of daily intakes on the isomeric profiles of perfluoroalkyl substances (PFASs) in human serum. Environment International, 2016, 89-90, 62-70.	4.8	57
83	Insights into the underlying mechanisms for integrated inactivation of A. spiroides and depression of disinfection byproducts by plasma oxidation. Water Research, 2021, 196, 117027.	5.3	55
84	Comparative sorption and desorption behaviors of PFHxS and PFOS on sequentially extracted humic substances. Journal of Environmental Sciences, 2014, 26, 2517-2525.	3.2	53
85	Effective degradation of tetracycline by mesoporous Bi2WO6 under visible light irradiation. Frontiers of Environmental Science and Engineering, 2016, 10, 211-218.	3.3	53
86	Simultaneously determination of bisphenol A and its alternatives in sediment by ultrasound-assisted and solid phase extractions followed by derivatization using GC-MS. Chemosphere, 2017, 169, 709-715.	4.2	53
87	Aging significantly increases the interaction between polystyrene nanoplastic and minerals. Water Research, 2022, 219, 118544.	5.3	50
88	Distribution of polybrominated diphenyl ethers in breast milk from North China: Implication of exposure pathways. Chemosphere, 2009, 74, 1429-1434.	4.2	49
89	Distribution of perfluoroalkyl substances (PFASs) with isomer analysis among the tissues of aquatic organisms in Taihu Lake, China. Environmental Pollution, 2014, 193, 224-232.	3.7	48
90	Uptake, translocation and biotransformation of N-ethyl perfluorooctanesulfonamide (N-EtFOSA) by hydroponically grown plants. Environmental Pollution, 2018, 235, 404-410.	3.7	47

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91	Bioaccumulation and distribution of perfloroalkyl acids in seafood products from Bohai Bay, China. Environmental Toxicology and Chemistry, 2012, 31, 1972-1979.	2.2	46
92	Perfluoroalkyl acids and the isomers of perfluorooctanesulfonate and perfluorooctanoate in the sera of 50 new couples in Tianjin, China. Environment International, 2014, 68, 185-191.	4.8	44
93	Tissue distribution and bioaccumulation of legacy and emerging per-and polyfluoroalkyl substances (PFASs) in edible fishes from Taihu Lake, China. Environmental Pollution, 2021, 268, 115887.	3.7	44
94	Mechanisms for Highly Efficient Mineralization of Bisphenol A by Heterostructured Ag₂WO₄/Ag₃PO₄ under Simulated Solar Light. ACS Sustainable Chemistry and Engineering, 2019, 7, 4177-4185.	3.2	42
95	Facilitated Bioaccumulation of Perfluorooctanesulfonate in Common Carp (Cyprinus carpio) by Graphene Oxide and Remission Mechanism of Fulvic Acid. Environmental Science & Technology, 2016, 50, 11627-11636.	4.6	40
96	Impacts of Morphology, Natural Organic Matter, Cations, and Ionic Strength on Sulfidation of Silver Nanowires. Environmental Science & Technology, 2016, 50, 13283-13290.	4.6	39
97	Thyroid endocrine disruption effects of perfluoroalkyl phosphinic acids on zebrafish at early development. Science of the Total Environment, 2019, 676, 290-297.	3.9	39
98	Excess sludge disintegration by discharge plasma oxidation: Efficiency and underlying mechanisms. Science of the Total Environment, 2021, 774, 145127.	3.9	39
99	Preparation of magnetic composite photocatalyst Bi2WO6/CoFe2O4by two-step hydrothermal method and itsphotocatalytic degradation of bisphenol A. Catalysis Communications, 2013, 37, 92-95.	1.6	38
100	Behaviors of N-ethyl perfluorooctane sulfonamide ethanol (N-EtFOSE) in a soil-earthworm system: Transformation and bioaccumulation. Science of the Total Environment, 2016, 554-555, 186-191.	3.9	38
101	Uptake and metabolism of 10:2 fluorotelomer alcohol in soil-earthworm (Eisenia fetida) and soil-wheat (Triticum aestivum L.) systems. Environmental Pollution, 2017, 220, 124-131.	3.7	38
102	Highly Efficient Degradation toward Tylosin in the Aqueous Solution by Carbon Spheres/g-C₃N₄ Composites under Simulated Sunlight Irradiation. ACS Sustainable Chemistry and Engineering, 2018, 6, 12776-12786.	3.2	38
103	Sequestration and bioavailability of perfluoroalkyl acids (PFAAs) in soils: Implications for their underestimated risk. Science of the Total Environment, 2016, 572, 169-176.	3.9	37
104	Different biotransformation behaviors of perfluorooctane sulfonamide in wheat (Triticum aestivum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	6.5	37
105	Biotransformation and bioconcentration of 6:2 and 8:2 polyfluoroalkyl phosphate diesters in common carp (Cyprinus carpio): Underestimated ecological risks. Science of the Total Environment, 2019, 656, 201-208.	3.9	37
106	Bioaccumulation and Metabolism of Polybrominated Diphenyl Ethers in Carp (Cyprinus carpio) in a Water/Sediment Microcosm: Important Role of Particulate Matter Exposure. Environmental Science & Technology, 2012, 46, 2951-2958.	4.6	36
107	Removal of Cd2+ from contaminated water by nano-sized aragonite mollusk shell and the competition of coexisting metal ions. Journal of Colloid and Interface Science, 2012, 367, 378-382.	5.0	36
108	Bioaccumulation kinetics and tissue distribution of silver nanoparticles in zebrafish: The mechanisms and influence of natural organic matter. Ecotoxicology and Environmental Safety, 2020, 194, 110454.	2.9	36

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109	The study of distribution and fate of nitrobenzene in a water/sediment microcosm. Chemosphere, 2007, 69, 1579-1585.	4.2	35
110	Bioaccumulation and distribution of polybrominated diphenyl ethers in marine species from Bohai Bay, China. Environmental Toxicology and Chemistry, 2010, 29, 2278-2285.	2.2	35
111	Insights into Uptake, Translocation, and Transformation Mechanisms of Perfluorophosphinates and Perfluorophosphonates in Wheat (Triticum aestivum L.). Environmental Science & Technology, 2020, 54, 276-285.	4.6	35
112	Enhanced cytotoxicity of pentachlorophenol by perfluorooctane sulfonate or perfluorooctanoic acid in HepG2 cells. Chemosphere, 2013, 93, 2101-2107.	4.2	34
113	Occurrence and trophic transfer of nanoparticulate Ag and Ti in the natural aquatic food web of Taihu Lake, China. Environmental Science: Nano, 2019, 6, 3431-3441.	2.2	34
114	First report on the sources, vertical distribution and human health risks of legacy and novel per- and polyfluoroalkyl substances in groundwater from the Loess Plateau, China. Journal of Hazardous Materials, 2021, 404, 124134.	6.5	34
115	Occurrence, fluxes and sources of perfluoroalkyl substances with isomer analysis in the snow of northern China. Journal of Hazardous Materials, 2015, 299, 639-646.	6.5	33
116	Highly effective photocatalytic decomplexation of Cu-EDTA by MIL-53(Fe): Highlight the important roles of Fe. Chemical Engineering Journal, 2021, 424, 130515.	6.6	33
117	Effects of humic acids with different polarities on the photocatalytic activity of nano-TiO2 at environment relevant concentration. Water Research, 2017, 122, 78-85.	5.3	32
118	Isomer-Specific Transplacental Efficiencies of Perfluoroalkyl Substances in Human Whole Blood. Environmental Science and Technology Letters, 2017, 4, 391-398.	3.9	32
119	First Report on In Vivo Pharmacokinetics and Biotransformation of Chlorinated Polyfluoroalkyl Ether Sulfonates in Rainbow Trout. Environmental Science & Technology, 2020, 54, 345-354.	4.6	32
120	Decomposition of highly persistent perfluorooctanoic acid by hollow Bi/BiOI1-xFx: Synergistic effects of surface plasmon resonance and modified band structures. Journal of Hazardous Materials, 2021, 402, 123459.	6.5	32
121	Risk assessment for sediment associated heavy metals using sediment quality guidelines modified by sediment properties. Environmental Pollution, 2021, 275, 115844.	3.7	32
122	Identification of sources, characteristics and photochemical transformations of dissolved organic matter with EEM-PARAFAC in the Wei River of China. Frontiers of Environmental Science and Engineering, 2021, 15, 1.	3.3	32
123	External and internal human exposure to PFOA and HFPOs around a mega fluorochemical industrial park, China: Differences and implications. Environment International, 2021, 157, 106824.	4.8	32
124	Insights into highly efficient photodegradation of poly/perfluoroalkyl substances by In-MOF/BiOF heterojunctions: Built-in electric field and strong surface adsorption. Applied Catalysis B: Environmental, 2022, 304, 121013.	10.8	32
125	Transplacental Behaviors of Organophosphate Tri- and Diesters Based on Paired Human Maternal and Cord Whole Blood: Efficiencies and Impact Factors. Environmental Science & Technology, 2021, 55, 3091-3100.	4.6	31
126	Inhibited conjugative transfer of antibiotic resistance genes in antibiotic resistant bacteria by surface plasma. Water Research, 2021, 204, 117630.	5.3	31

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127	Co-transport of graphene oxide and titanium dioxide nanoparticles in saturated quartz sand: Influences of solution pH and metal ions. Environmental Pollution, 2019, 251, 723-730.	3.7	30
128	Highly active magnetic bismuth tungstate/magnetite composite under visible light irradiation in the presence of hydrogen peroxide. Journal of Colloid and Interface Science, 2015, 444, 123-131.	5.0	29
129	Bioaccumulation of perfluoroalkyl acids including the isomers of perfluorooctane sulfonate in carp (Cyprinus carpio) in a sediment/water microcosm. Environmental Toxicology and Chemistry, 2016, 35, 3005-3013.	2.2	29
130	Predicting the bioavailability of sediment-associated polybrominated diphenyl ethers using a 45-d sequential Tenax extraction. Chemosphere, 2011, 85, 424-431.	4.2	28
131	Perfluoroalkyl Acids Including Isomers in Tree Barks from a Chinese Fluorochemical Manufacturing Park: Implication for Airborne Transportation. Environmental Science & Technology, 2018, 52, 2016-2024.	4.6	28
132	Fate of 6:2 fluorotelomer sulfonic acid in pumpkin (Cucurbita maximaÂL.) based on hydroponic culture: Uptake, translocation andÂbiotransformation. Environmental Pollution, 2019, 252, 804-812.	3.7	28
133	Glass fiber supported BiOI thin-film fixed-bed photocatalytic reactor for water decontamination under solar light irradiation. Journal of Environmental Sciences, 2019, 80, 277-286.	3.2	28
134	Metabolomics Reveals Antioxidant Stress Responses of Wheat (Triticum aestivum L.) Exposed to Chlorinated Organophosphate Esters. Journal of Agricultural and Food Chemistry, 2020, 68, 6520-6529.	2.4	28
135	Probing Mechanisms for the Tissue-Specific Distribution and Biotransformation of Perfluoroalkyl Phosphinic Acids in Common Carp (Cyprinus carpio). Environmental Science & Technology, 2020, 54, 4932-4941.	4.6	28
136	Natural biofilm as a potential integrative sample for evaluating the contamination and impacts of PFAS on aquatic ecosystems. Water Research, 2022, 215, 118233.	5.3	28
137	Probing the hepatotoxicity mechanisms of novel chlorinated polyfluoroalkyl sulfonates to zebrafish larvae: Implication of structural specificity. Environment International, 2019, 133, 105262.	4.8	27
138	Environmentally relevant impacts of nano-TiO2 on abiotic degradation of bisphenol A under sunlight irradiation. Environmental Pollution, 2016, 216, 166-172.	3.7	26
139	TiO2 particles in seafood and surimi products: Attention should be paid to their exposure and uptake through foods. Chemosphere, 2017, 188, 541-547.	4.2	26
140	Transport and retention of reduced graphene oxide materials in saturated porous media: Synergistic effects of enhanced attachment and particle aggregation. Environmental Pollution, 2019, 247, 383-391.	3.7	26
141	Legacy and emerging per- and poly-fluoroalkyl substances in surface seawater from northwestern Pacific to Southern Ocean: Evidences of current and historical release. Journal of Hazardous Materials, 2021, 411, 125049.	6.5	26
142	Phosphorus Deficiency Promoted Hydrolysis of Organophosphate Esters in Plants: Mechanisms and Transformation Pathways. Environmental Science & Technology, 2021, 55, 9895-9904.	4.6	25
143	Greatly enhanced oxidative activity of Î´-MnO2 to degrade organic pollutants driven by dominantly exposed {â^'111} facets. Journal of Hazardous Materials, 2021, 413, 125285.	6.5	25
144	Enhanced nonradical catalytic oxidation by encapsulating cobalt into nitrogen doped graphene: highlight on interfacial interactions. Journal of Materials Chemistry A, 2021, 9, 7198-7207.	5.2	25

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145	Facilitated bioaccumulation of perfluorooctanesulfonate in zebrafish by nano-TiO2 in two crystalline phases. Environmental Pollution, 2015, 206, 644-651.	3.7	24
146	Insights into the sex-dependent reproductive toxicity of 2-ethylhexyl diphenyl phosphate on zebrafish (Danio rerio). Environment International, 2022, 158, 106928.	4.8	24
147	The First Observation of the Formation of Persistent Aminoxyl Radicals and Reactive Nitrogen Species on Photoirradiated Nitrogen-Containing Microplastics. Environmental Science & Technology, 2022, 56, 779-789.	4.6	24
148	Plasma induced efficient removal of antibiotic-resistant Escherichia coli and antibiotic resistance genes, and inhibition of gene transfer by conjugation. Journal of Hazardous Materials, 2021, 419, 126465.	6.5	23
149	Application of diffusive gradients in thin films (DGT) and simultaneously extracted metals (SEM) for evaluating bioavailability of metal contaminants in the sediments of Taihu Lake, China. Ecotoxicology and Environmental Safety, 2019, 184, 109627.	2.9	22
150	Toxicokinetics and bioaccumulation characteristics of bisphenol analogues in common carp (Cyprinus carpio). Ecotoxicology and Environmental Safety, 2020, 191, 110183.	2.9	22
151	Effects of nano-TiO₂on perfluorooctanesulfonate bioaccumulation in fishes living in different water layers: Implications for enhanced risk of perfluorooctanesulfonate. Nanotoxicology, 2016, 10, 471-479.	1.6	21
152	Co-transport of negatively charged nanoparticles in saturated porous media: Impacts of hydrophobicity and surface O-functional groups. Journal of Hazardous Materials, 2021, 409, 124477.	6.5	21
153	Distribution and sources of ordinary monomeric and emerging oligomeric organophosphorus flame retardants in Haihe Basin, China. Science of the Total Environment, 2021, 785, 147274.	3.9	21
154	Abundance and characteristics of microplastics in the surface water and sediment of parks in Xi'an city, Northwest China. Science of the Total Environment, 2022, 806, 150953.	3.9	21
155	New insights on metal ions accelerating the aging behavior of polystyrene microplastics: Effects of different excess reactive oxygen species. Science of the Total Environment, 2022, 821, 153457.	3.9	21
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