

Lingyan Zhu

List of Publications by Year in descending order

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221
papers

13,091
citations

15466

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30848

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all docs

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docs citations

222
times ranked

11231
citing authors

#	ARTICLE	IF	CITATIONS
1	Significant Reductive Transformation of 6:2 Chlorinated Polyfluorooctane Ether Sulfonate to Form Hydrogen-Substituted Polyfluorooctane Ether Sulfonate and Their Toxicokinetics in Male Sprague-Dawley Rats. <i>Environmental Science & Technology</i> , 2022, 56, 6123-6132.	4.6	19
2	Insights into the lower trophic transfer of silver ions than silver containing nanoparticles along an aquatic food chain. <i>Science of the Total Environment</i> , 2022, 804, 150228.	3.9	14
3	Underlying mechanisms for the impacts of molecular structures and water chemistry on the enrichment of poly/perfluoroalkyl substances in aqueous aerosol. <i>Science of the Total Environment</i> , 2022, 803, 150003.	3.9	5
4	Abundance and characteristics of microplastics in the surface water and sediment of parks in Xi'an city, Northwest China. <i>Science of the Total Environment</i> , 2022, 806, 150953.	3.9	21
5	Graphene oxide enhanced the endocrine disrupting effects of bisphenol A in adult male zebrafish: Integrated deep learning and metabolomics studies. <i>Science of the Total Environment</i> , 2022, 809, 151103.	3.9	8
6	Insights into the sex-dependent reproductive toxicity of 2-ethylhexyl diphenyl phosphate on zebrafish (<i>Danio rerio</i>). <i>Environment International</i> , 2022, 158, 106928.	4.8	24
7	Theoretical and experimental insights into electron-induced efficient defluorination of perfluorooctanoic acid and perfluorooctane sulfonate by mesoporous plasma. <i>Chemical Engineering Journal</i> , 2022, 430, 132922.	6.6	17
8	Theoretical and experimental insights into the mechanisms of C6/C6 PFPIA degradation by dielectric barrier discharge plasma. <i>Journal of Hazardous Materials</i> , 2022, 424, 127522.	6.5	16
9	Three-dimensional spatial distribution of legacy and novel poly/perfluoroalkyl substances in the Tibetan Plateau soil: Implications for transport and sources. <i>Environment International</i> , 2022, 158, 107007.	4.8	17
10	The photodegradation processes and mechanisms of polyvinyl chloride and polyethylene terephthalate microplastic in aquatic environments: Important role of clay minerals. <i>Water Research</i> , 2022, 208, 117879.	5.3	82
11	Insights into the impacts of dissolved organic matter of different origins on bioaccumulation and translocation of per- and polyfluoroalkyl substances (PFASs) in wheat. <i>Environmental Pollution</i> , 2022, 293, 118604.	3.7	12
12	Environmental free radicals efficiently inhibit the conjugative transfer of antibiotic resistance by altering cellular metabolism and plasmid transfer. <i>Water Research</i> , 2022, 209, 117946.	5.3	20
13	Per- and polyfluoroalkyl substances (PFAS) in the Three-North Shelter Forest in northern China: First survey on the effects of forests on the behavior of PFAS. <i>Journal of Hazardous Materials</i> , 2022, 427, 128157.	6.5	15
14	Insights into highly efficient photodegradation of poly/perfluoroalkyl substances by In-MOF/BiOF heterojunctions: Built-in electric field and strong surface adsorption. <i>Applied Catalysis B: Environmental</i> , 2022, 304, 121013.	10.8	32
15	Anaerobic Microbial Dechlorination of 6:2 Chlorinated Polyfluorooctane Ether Sulfonate and the Underlying Mechanisms. <i>Environmental Science & Technology</i> , 2022, 56, 907-916.	4.6	13
16	New insights on metal ions accelerating the aging behavior of polystyrene microplastics: Effects of different excess reactive oxygen species. <i>Science of the Total Environment</i> , 2022, 821, 153457.	3.9	21
17	Transport of silver nanoparticles coated with polyvinylpyrrolidone of various molecular sizes in porous media: Interplay of polymeric coatings and chemically heterogeneous surfaces. <i>Journal of Hazardous Materials</i> , 2022, 429, 128247.	6.5	9
18	Mechanisms Underlying the Impacts of Lipids on the Diverse Bioavailability of Per- and Polyfluoroalkyl Substances in Foods. <i>Environmental Science & Technology</i> , 2022, 56, 3613-3622.	4.6	13

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19	Natural biofilm as a potential integrative sample for evaluating the contamination and impacts of PFAS on aquatic ecosystems. <i>Water Research</i> , 2022, 215, 118233.	5.3	28
20	Impacts of photoaging on the interactions between graphene oxide and proteins: Mechanisms and biological effect. <i>Water Research</i> , 2022, 216, 118371.	5.3	10
21	The First Observation of the Formation of Persistent Aminoxyl Radicals and Reactive Nitrogen Species on Photoirradiated Nitrogen-Containing Microplastics. <i>Environmental Science & Technology</i> , 2022, 56, 779-789.	4.6	24
22	Insights into DNA Structures during Antibiotic-Resistance Gene Elimination by Mesoporous Plasma. <i>ACS ES&T Water</i> , 2022, 2, 128-136.	2.3	5
23	Insights into the Competitive Mechanisms of Per- and Polyfluoroalkyl Substances Partition in Liver and Blood. <i>Environmental Science & Technology</i> , 2022, 56, 6192-6200.	4.6	18
24	Quantifying Indirect Contribution from Precursors to Human Body Burden of Legacy PFASs Based on Paired Blood and One-Week Duplicate Diet. <i>Environmental Science & Technology</i> , 2022, 56, 5632-5640.	4.6	17
25	Self-defense mechanisms of microorganisms from the antimicrobial effect of silver nanoparticles: Highlight the role of extracellular polymeric substances. <i>Water Research</i> , 2022, 218, 118452.	5.3	16
26	FT-ICR/MS deciphers formation of unknown macromolecular disinfection byproducts from algal organic matters after plasma oxidation. <i>Water Research</i> , 2022, 218, 118492.	5.3	15
27	Aging significantly increases the interaction between polystyrene nanoplastic and minerals. <i>Water Research</i> , 2022, 219, 118544.	5.3	50
28	Exposed facets mediated interaction of polystyrene nanoplastics (PSNPs) with iron oxides nanocrystal. <i>Journal of Hazardous Materials</i> , 2022, 435, 128994.	6.5	10
29	Precolumn Derivatization High-Performance Liquid Chromatography for Determination of Perfluorocarboxylic Acids in Catalytic Degradation Solutions. <i>International Journal of Analytical Chemistry</i> , 2022, 2022, 1-8.	0.4	1
30	Simulation modelling the structure related bioaccumulation and biomagnification of per- and polyfluoroalkyl substances in aquatic food web. <i>Science of the Total Environment</i> , 2022, 838, 156397.	3.9	10
31	Underlying mechanisms of promoted formation of haloacetic acids disinfection byproducts after indometacin degradation by non-thermal discharge plasma. <i>Water Research</i> , 2022, 220, 118701.	5.3	16
32	Oxygen Limitation Accelerates Regeneration of Active Sites on a MnO ₂ Surface: Promoting Transformation of Organic Matter and Carbon Preservation. <i>Environmental Science & Technology</i> , 2022, 56, 9806-9815.	4.6	11
33	Non-target discovery of emerging PFAS homologues in Dagang Oilfield: Multimedia distribution and profiles in crude oil. <i>Journal of Hazardous Materials</i> , 2022, 437, 129300.	6.5	16
34	Dissolved Organic Matter Promotes the Aging Process of Polystyrene Microplastics under Dark and Ultraviolet Light Conditions: The Crucial Role of Reactive Oxygen Species. <i>Environmental Science & Technology</i> , 2022, 56, 10149-10160.	4.6	82
35	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. <i>Journal of Hazardous Materials</i> , 2021, 404, 124134.	6.5	34
36	Decomposition of highly persistent perfluorooctanoic acid by hollow Bi/BiOI _{1-x} F _x : Synergistic effects of surface plasmon resonance and modified band structures. <i>Journal of Hazardous Materials</i> , 2021, 402, 123459.	6.5	32

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37	Endogenously activated persulfate by non-thermal plasma for Cu(II)-EDTA decomplexation: Synergistic effect and mechanisms. <i>Chemical Engineering Journal</i> , 2021, 406, 126774.	6.6	67
38	Risk assessment for sediment associated heavy metals using sediment quality guidelines modified by sediment properties. <i>Environmental Pollution</i> , 2021, 275, 115844.	3.7	32
39	Co-transport of negatively charged nanoparticles in saturated porous media: Impacts of hydrophobicity and surface O-functional groups. <i>Journal of Hazardous Materials</i> , 2021, 409, 124477.	6.5	21
40	Formation of perfluorocarboxylic acids (PFCAs) during the exposure of earthworms to 6:2 fluorotelomer sulfonic acid (6:2 FTSA). <i>Science of the Total Environment</i> , 2021, 760, 143356.	3.9	12
41	Mechanisms for the impacts of graphene oxide on the developmental toxicity and endocrine disruption induced by bisphenol A on zebrafish larvae. <i>Journal of Hazardous Materials</i> , 2021, 408, 124867.	6.5	12
42	Tissue distribution and bioaccumulation of legacy and emerging per- and polyfluoroalkyl substances (PFASs) in edible fishes from Taihu Lake, China. <i>Environmental Pollution</i> , 2021, 268, 115887.	3.7	44
43	New insights into the facilitated dissolution and sulfidation of silver nanoparticles under simulated sunlight irradiation in aquatic environments by extracellular polymeric substances. <i>Environmental Science: Nano</i> , 2021, 8, 748-757.	2.2	15
44	Identification of sources, characteristics and photochemical transformations of dissolved organic matter with EEM-PARAFAC in the Wei River of China. <i>Frontiers of Environmental Science and Engineering</i> , 2021, 15, 1.	3.3	32
45	Transplacental Behaviors of Organophosphate Tri- and Diesters Based on Paired Human Maternal and Cord Whole Blood: Efficiencies and Impact Factors. <i>Environmental Science & Technology</i> , 2021, 55, 3091-3100.	4.6	31
46	Insights into the underlying mechanisms for integrated inactivation of <i>A. spiroides</i> and depression of disinfection byproducts by plasma oxidation. <i>Water Research</i> , 2021, 196, 117027.	5.3	55
47	Insights into the highly efficient detoxification of the biotoxin patulin in water by discharge plasma oxidation. <i>Chemical Engineering Journal</i> , 2021, 411, 128432.	6.6	19
48	Legacy and emerging per- and poly-fluoroalkyl substances in surface seawater from northwestern Pacific to Southern Ocean: Evidences of current and historical release. <i>Journal of Hazardous Materials</i> , 2021, 411, 125049.	6.5	26
49	Mechanisms for tissue-specific accumulation and phase I/II transformation of 6:2 fluorotelomer phosphate diester in earthworm (<i>M. guillelmi</i>). <i>Environment International</i> , 2021, 151, 106451.	4.8	18
50	Underneath mechanisms into the super effective degradation of PFOA by BiOF nanosheets with tunable oxygen vacancies on exposed (101) facets. <i>Applied Catalysis B: Environmental</i> , 2021, 286, 119911.	10.8	59
51	Excess sludge disintegration by discharge plasma oxidation: Efficiency and underlying mechanisms. <i>Science of the Total Environment</i> , 2021, 774, 145127.	3.9	39
52	Phosphorus Deficiency Promoted Hydrolysis of Organophosphate Esters in Plants: Mechanisms and Transformation Pathways. <i>Environmental Science & Technology</i> , 2021, 55, 9895-9904.	4.6	25
53	New insights into the colloidal stability of graphene oxide in aquatic environment: Interplays of photoaging and proteins. <i>Water Research</i> , 2021, 200, 117213.	5.3	19
54	Greatly enhanced oxidative activity of γ -MnO ₂ to degrade organic pollutants driven by dominantly exposed {111} facets. <i>Journal of Hazardous Materials</i> , 2021, 413, 125285.	6.5	25

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55	Occurrence and sources of per- and polyfluoroalkyl substances in the ice-melting lakes of Larsemann Hills, East Antarctica. <i>Science of the Total Environment</i> , 2021, 781, 146747.	3.9	9
56	Distribution and sources of ordinary monomeric and emerging oligomeric organophosphorus flame retardants in Haihe Basin, China. <i>Science of the Total Environment</i> , 2021, 785, 147274.	3.9	21
57	Insights into the transport of pristine and photoaged graphene oxide-hematite nanohybrids in saturated porous media: Impacts of XDLVO interactions and surface roughness. <i>Journal of Hazardous Materials</i> , 2021, 419, 126488.	6.5	15
58	Plasma induced efficient removal of antibiotic-resistant <i>Escherichia coli</i> and antibiotic resistance genes, and inhibition of gene transfer by conjugation. <i>Journal of Hazardous Materials</i> , 2021, 419, 126465.	6.5	23
59	Insights into the impacts of bioturbation by multiple benthic organisms on the bioavailability and toxic effects of perfluorooctane sulfonate in sediment. <i>Journal of Hazardous Materials</i> , 2021, 420, 126675.	6.5	4
60	Inhibited conjugative transfer of antibiotic resistance genes in antibiotic resistant bacteria by surface plasma. <i>Water Research</i> , 2021, 204, 117630.	5.3	31
61	New insights into the enhanced transport of uncoated and polyvinylpyrrolidone-coated silver nanoparticles in saturated porous media by dissolved black carbons. <i>Chemosphere</i> , 2021, 283, 131159.	4.2	5
62	Highly effective photocatalytic decomplexation of Cu-EDTA by MIL-53(Fe): Highlight the important roles of Fe. <i>Chemical Engineering Journal</i> , 2021, 424, 130515.	6.6	33
63	External and internal human exposure to PFOA and HFPOs around a mega fluorochemical industrial park, China: Differences and implications. <i>Environment International</i> , 2021, 157, 106824.	4.8	32
64	The fate of heavy metals in excess sludge during disintegration by discharge plasma. <i>Separation and Purification Technology</i> , 2021, 277, 119433.	3.9	12
65	Simultaneous removal of antibiotic-resistant bacteria and its resistance genes in water by plasma oxidation: Highlights the effects of inorganic ions. <i>Separation and Purification Technology</i> , 2021, 278, 119672.	3.9	6
66	Enhanced nonradical catalytic oxidation by encapsulating cobalt into nitrogen doped graphene: highlight on interfacial interactions. <i>Journal of Materials Chemistry A</i> , 2021, 9, 7198-7207.	5.2	25
67	Liver-Based Probabilistic Risk Assessment of Exposure to Organophosphate Esters via Dust Ingestion Using a Physiologically Based Toxicokinetic (PBTK) Model. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12469.	1.2	2
68	First Report on In Vivo Pharmacokinetics and Biotransformation of Chlorinated Polyfluoroalkyl Ether Sulfonates in Rainbow Trout. <i>Environmental Science & Technology</i> , 2020, 54, 345-354.	4.6	32
69	Insights into Uptake, Translocation, and Transformation Mechanisms of Perfluorophosphinates and Perfluorophosphonates in Wheat (<i>Triticum aestivum</i> L.). <i>Environmental Science & Technology</i> , 2020, 54, 276-285.	4.6	35
70	Occurrence and source apportionment of novel and legacy poly/perfluoroalkyl substances in Hai River basin in China using receptor models and isomeric fingerprints. <i>Water Research</i> , 2020, 168, 115145.	5.3	88
71	Lateral size dependent colloidal stability of graphene oxide in water: impacts of protein properties and water chemistry. <i>Environmental Science: Nano</i> , 2020, 7, 634-644.	2.2	13
72	Decomplexation of Cu(II)-natural organic matter complex by non-thermal plasma oxidation: Process and mechanisms. <i>Journal of Hazardous Materials</i> , 2020, 389, 121828.	6.5	18

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73	Highly efficient photocatalytic degradation toward perfluorooctanoic acid by bromine doped BiOI with high exposure of (001) facet. <i>Applied Catalysis B: Environmental</i> , 2020, 268, 118442.	10.8	83
74	In situ preparation of p-n BiOI@Bi ₅ O ₇ I heterojunction for enhanced PFOA photocatalytic degradation under simulated solar light irradiation. <i>Chemical Engineering Journal</i> , 2020, 391, 123530.	6.6	97
75	Estimating renal and hepatic clearance rates of organophosphate esters in humans: Impacts of intrinsic metabolism and binding affinity with plasma proteins. <i>Environment International</i> , 2020, 134, 105321.	4.8	70
76	Enhanced cytotoxicity of photoaged phenol-formaldehyde resins microplastics: Combined effects of environmentally persistent free radicals, reactive oxygen species, and conjugated carbonyls. <i>Environment International</i> , 2020, 145, 106137.	4.8	71
77	Cellulase modified waste biomass to remove sulfamethazine from aqueous solutions. <i>Science of the Total Environment</i> , 2020, 731, 138806.	3.9	10
78	Metabolomics Reveals Antioxidant Stress Responses of Wheat (<i>Triticum aestivum</i> L.) Exposed to Chlorinated Organophosphate Esters. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 6520-6529.	2.4	28
79	Photodegradation of seven bisphenol analogues by Bi ₅ O ₇ I/UiO-67 heterojunction: Relationship between the chemical structures and removal efficiency. <i>Applied Catalysis B: Environmental</i> , 2020, 277, 119222.	10.8	66
80	Probing Mechanisms for the Tissue-Specific Distribution and Biotransformation of Perfluoroalkyl Phosphinic Acids in Common Carp (<i>Cyprinus carpio</i>). <i>Environmental Science & Technology</i> , 2020, 54, 4932-4941.	4.6	28
81	Bioavailability and Bioaccumulation of 6:2 Fluorotelomer Sulfonate, 6:2 Chlorinated Polyfluoroalkyl Ether Sulfonates, and Perfluorophosphinates in a Soil-Plant System. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 4325-4334.	2.4	18
82	High temperature depended on the ageing mechanism of microplastics under different environmental conditions and its effect on the distribution of organic pollutants. <i>Water Research</i> , 2020, 174, 115634.	5.3	253
83	Toxicokinetics and bioaccumulation characteristics of bisphenol analogues in common carp (<i>Cyprinus carpio</i>). <i>Ecotoxicology and Environmental Safety</i> , 2020, 191, 110183.	2.9	22
84	Potential sources and sediment-pore water partitioning behaviors of emerging per/polyfluoroalkyl substances in the South Yellow Sea. <i>Journal of Hazardous Materials</i> , 2020, 389, 122124.	6.5	63
85	Long-term phototransformation of microplastics under simulated sunlight irradiation in aquatic environments: Roles of reactive oxygen species. <i>Water Research</i> , 2020, 173, 115564.	5.3	296
86	Charge mediated interaction of polystyrene nanoplastic (PSNP) with minerals in aqueous phase. <i>Water Research</i> , 2020, 178, 115861.	5.3	89
87	Bioaccumulation kinetics and tissue distribution of silver nanoparticles in zebrafish: The mechanisms and influence of natural organic matter. <i>Ecotoxicology and Environmental Safety</i> , 2020, 194, 110454.	2.9	36
88	Promoted catalytic transformation of polycyclic aromatic hydrocarbons by MnO ₂ polymorphs: Synergistic effects of Mn ³⁺ and oxygen vacancies. <i>Applied Catalysis B: Environmental</i> , 2020, 272, 119030.	10.8	63
89	Efficient degradation of antibiotics by non-thermal discharge plasma: Highlight the impacts of molecular structures and degradation pathways. <i>Chemical Engineering Journal</i> , 2020, 395, 125091.	6.6	82
90	Distribution characteristics and mechanism of microplastics mediated by soil physicochemical properties. <i>Science of the Total Environment</i> , 2020, 726, 138389.	3.9	72

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91	Impacts of Proteins on Dissolution and Sulfidation of Silver Nanowires in an Aquatic Environment: Importance of Surface Charges. <i>Environmental Science & Technology</i> , 2020, 54, 5560-5568.	4.6	19
92	Thyroid-Disrupting Effects of 6:2 and 8:2 Polyfluoroalkyl Phosphate Diester (diPAPs) at Environmentally Relevant Concentrations from Integrated <i>In Silico</i> and <i>In Vivo</i> Studies. <i>Environmental Science and Technology Letters</i> , 2020, 7, 330-336.	3.9	13
93	Estimation of internal human daily intakes of organophosphate esters using one-compartment toxicokinetic model in the whole blood from Hebei Province, China. <i>Environmental Research</i> , 2020, 186, 109493.	3.7	11
94	Probing the aging processes and mechanisms of microplastic under simulated multiple actions generated by discharge plasma. <i>Journal of Hazardous Materials</i> , 2020, 398, 122956.	6.5	85
95	Probing mechanisms for bioaccumulation of perfluoroalkyl acids in carp (<i>Cyprinus carpio</i>): Impacts of protein binding affinities and elimination pathways. <i>Science of the Total Environment</i> , 2019, 647, 992-999.	3.9	61
96	Species dependent accumulation and transformation of 8:2 polyfluoroalkyl phosphate esters in sediment by three benthic organisms. <i>Environment International</i> , 2019, 133, 105171.	4.8	14
97	Impacts of sulfidation of silver nanowires on the degradation of bisphenol A in water. <i>Ecotoxicology and Environmental Safety</i> , 2019, 185, 109739.	2.9	2
98	Probing the hepatotoxicity mechanisms of novel chlorinated polyfluoroalkyl sulfonates to zebrafish larvae: Implication of structural specificity. <i>Environment International</i> , 2019, 133, 105262.	4.8	27
99	Stronger estrogenic and antiandrogenic effects on zebrafish larvae displayed by 6:2 polyfluoroalkyl phosphate diester than the 8:2 congener at environmentally relevant concentrations. <i>Science of the Total Environment</i> , 2019, 695, 133907.	3.9	14
100	Graphene oxide mitigates endocrine disruption effects of bisphenol A on zebrafish at an early development stage. <i>Science of the Total Environment</i> , 2019, 697, 134158.	3.9	13
101	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. <i>Ecotoxicology and Environmental Safety</i> , 2019, 184, 109627.	2.9	22
102	Mechanisms for Highly Efficient Mineralization of Bisphenol A by Heterostructured $\text{Ag}_2\text{WO}_4/\text{Ag}_3\text{PO}_4$ under Simulated Solar Light. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 4177-4185.	3.2	42
103	Bioavailability and biomagnification of organophosphate esters in the food web of Taihu Lake, China: Impacts of chemical properties and metabolism. <i>Environment International</i> , 2019, 125, 25-32.	4.8	121
104	Evidences for replacing legacy per- and polyfluoroalkyl substances with emerging ones in Fen and Wei River basins in central and western China. <i>Journal of Hazardous Materials</i> , 2019, 377, 78-87.	6.5	62
105	Fate of 6:2 fluorotelomer sulfonic acid in pumpkin (<i>Cucurbita maxima</i> L.) based on hydroponic culture: Uptake, translocation and biotransformation. <i>Environmental Pollution</i> , 2019, 252, 804-812.	3.7	28
106	Formation of Environmentally Persistent Free Radicals on Microplastics under Light Irradiation. <i>Environmental Science & Technology</i> , 2019, 53, 8177-8186.	4.6	295
107	Thyroid endocrine disruption effects of perfluoroalkyl phosphinic acids on zebrafish at early development. <i>Science of the Total Environment</i> , 2019, 676, 290-297.	3.9	39
108	Co-transport of graphene oxide and titanium dioxide nanoparticles in saturated quartz sand: Influences of solution pH and metal ions. <i>Environmental Pollution</i> , 2019, 251, 723-730.	3.7	30

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109	Aggregation of oxidized multi-walled carbon nanotubes: Interplay of nanomaterial surface O-functional groups and solution chemistry factors. <i>Environmental Pollution</i> , 2019, 251, 921-929.	3.7	19
110	Uptake Kinetics, Accumulation, and Long-Distance Transport of Organophosphate Esters in Plants: Impacts of Chemical and Plant Properties. <i>Environmental Science & Technology</i> , 2019, 53, 4940-4947.	4.6	85
111	A green strategy for simultaneous Cu(II)-EDTA decomplexation and Cu precipitation from water by bicarbonate-activated hydrogen peroxide/chemical precipitation. <i>Chemical Engineering Journal</i> , 2019, 370, 1298-1309.	6.6	93
112	Identification and quantification of perfluorooctane sulfonamide isomers by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2019, 1594, 65-71.	1.8	5
113	Occurrence and trophic transfer of nanoparticulate Ag and Ti in the natural aquatic food web of Taihu Lake, China. <i>Environmental Science: Nano</i> , 2019, 6, 3431-3441.	2.2	34
114	Spatiotemporal distribution and isomer profiles of perfluoroalkyl acids in airborne particulate matter in Chengdu City, China. <i>Science of the Total Environment</i> , 2019, 689, 1235-1243.	3.9	16
115	Mechanisms for light-driven evolution of environmentally persistent free radicals and photolytic degradation of PAHs on Fe(III)-montmorillonite surface. <i>Journal of Hazardous Materials</i> , 2019, 362, 92-98.	6.5	60
116	Glass fiber supported BiOI thin-film fixed-bed photocatalytic reactor for water decontamination under solar light irradiation. <i>Journal of Environmental Sciences</i> , 2019, 80, 277-286.	3.2	28
117	Transport and retention of reduced graphene oxide materials in saturated porous media: Synergistic effects of enhanced attachment and particle aggregation. <i>Environmental Pollution</i> , 2019, 247, 383-391.	3.7	26
118	Biotransformation and bioconcentration of 6:2 and 8:2 polyfluoroalkyl phosphate diesters in common carp (<i>Cyprinus carpio</i>): Underestimated ecological risks. <i>Science of the Total Environment</i> , 2019, 656, 201-208.	3.9	37
119	The distribution of per- and poly-fluoroalkyl substances in the global marine water. <i>Chinese Science Bulletin</i> , 2019, 64, 911-922.	0.4	5
120	The combined effects of graphene oxide and bisphenol A on oxidative damage in early development of zebrafish. <i>Chinese Science Bulletin</i> , 2019, 64, 2199-2206.	0.4	4
121	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. <i>Environmental Science & Technology</i> , 2018, 52, 5725-5733.	4.6	148
122	Nontarget Mass Spectrometry Reveals New Perfluoroalkyl Substances in Fish from the Yangtze River and Tangxun Lake, China. <i>Environmental Science & Technology</i> , 2018, 52, 5830-5840.	4.6	81
123	Impacts of titanium dioxide nanoparticles on transformation of silver nanoparticles in aquatic environments. <i>Environmental Science: Nano</i> , 2018, 5, 1191-1199.	2.2	18
124	Health risk assessment of heavy metals in freshwater fish in the central and eastern North China. <i>Ecotoxicology and Environmental Safety</i> , 2018, 157, 343-349.	2.9	161
125	Occurrence, partitioning and bioaccumulation of emerging and legacy per- and polyfluoroalkyl substances in Taihu Lake, China. <i>Science of the Total Environment</i> , 2018, 634, 251-259.	3.9	91
126	Per- and Polyfluoroalkyl Substances (PFASs) in Indoor Air and Dust from Homes and Various Microenvironments in China: Implications for Human Exposure. <i>Environmental Science & Technology</i> , 2018, 52, 3156-3166.	4.6	100

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127	Perfluoroalkyl Acids Including Isomers in Tree Barks from a Chinese Fluorochemical Manufacturing Park: Implication for Airborne Transportation. <i>Environmental Science & Technology</i> , 2018, 52, 2016-2024.	4.6	28
128	Uptake, translocation and biotransformation of N-ethyl perfluorooctanesulfonamide (N-EtFOSA) by hydroponically grown plants. <i>Environmental Pollution</i> , 2018, 235, 404-410.	3.7	47
129	Riverine inputs and source tracing of perfluoroalkyl substances (PFASs) in Taihu Lake, China. <i>Science of the Total Environment</i> , 2018, 612, 18-25.	3.9	58
130	Different biotransformation behaviors of perfluorooctane sulfonamide in wheat (<i>Triticum aestivum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	6.5	37
131	Impacts of surfactants on dissolution and sulfidation of silver nanowires in aquatic environments. <i>Environmental Science: Nano</i> , 2018, 5, 2452-2460.	2.2	11
132	Antagonistic Estrogenic Effects Displayed by Bisphenol AF and Perfluorooctanoic Acid on Zebrafish (<i>Danio rerio</i>) at an Early Developmental Stage. <i>Environmental Science and Technology Letters</i> , 2018, 5, 655-661.	3.9	16
133	Depletion of double-layer coated nano-TiO ₂ and generation of reactive oxygen species in the presence of ethanol under simulated solar irradiation. <i>NanoImpact</i> , 2018, 11, 164-169.	2.4	1
134	Highly Efficient Degradation toward Tylosin in the Aqueous Solution by Carbon Spheres/g-C ₃ N ₄ Composites under Simulated Sunlight Irradiation. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 12776-12786.	3.2	38
135	Uptake, elimination and biotransformation of N-ethyl perfluorooctane sulfonamide (N-EtFOSA) by the earthworms (<i>Eisenia fetida</i>) after in vivo and in vitro exposure. <i>Environmental Pollution</i> , 2018, 241, 19-25.	3.7	18
136	Novel Cu(II)-EDTA Decomplexation by Discharge Plasma Oxidation and Coupled Cu Removal by Alkaline Precipitation: Underneath Mechanisms. <i>Environmental Science & Technology</i> , 2018, 52, 7884-7891.	4.6	137
137	Partition and source identification of organophosphate esters in the water and sediment of Taihu Lake, China. <i>Journal of Hazardous Materials</i> , 2018, 360, 43-50.	6.5	113
138	Measuring log K _{ow} coefficients of neutral species of perfluoroalkyl carboxylic acids using reversed-phase high-performance liquid chromatography. <i>Environmental Pollution</i> , 2018, 242, 1283-1290.	3.7	16
139	Concentration Dependent Effects of Bovine Serum Albumin on Graphene Oxide Colloidal Stability in Aquatic Environment. <i>Environmental Science & Technology</i> , 2018, 52, 7212-7219.	4.6	67
140	Simultaneously determination of bisphenol A and its alternatives in sediment by ultrasound-assisted and solid phase extractions followed by derivatization using GC-MS. <i>Chemosphere</i> , 2017, 169, 709-715.	4.2	53
141	Bioaccumulation and biomagnification of emerging bisphenol analogues in aquatic organisms from Taihu Lake, China. <i>Science of the Total Environment</i> , 2017, 598, 814-820.	3.9	150
142	Effects of humic acids with different polarities on the photocatalytic activity of nano-TiO ₂ at environment relevant concentration. <i>Water Research</i> , 2017, 122, 78-85.	5.3	32
143	Uptake and metabolism of 10:2 fluorotelomer alcohol in soil-earthworm (<i>Eisenia fetida</i>) and soil-wheat (<i>Triticum aestivum</i> L.) systems. <i>Environmental Pollution</i> , 2017, 220, 124-131.	3.7	38
144	Exposure to phthalates in patients with diabetes and its association with oxidative stress, adiponectin, and inflammatory cytokines. <i>Environment International</i> , 2017, 109, 53-63.	4.8	66

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145	Isomer-Specific Transplacental Efficiencies of Perfluoroalkyl Substances in Human Whole Blood. <i>Environmental Science and Technology Letters</i> , 2017, 4, 391-398.	3.9	32
146	TiO ₂ particles in seafood and surimi products: Attention should be paid to their exposure and uptake through foods. <i>Chemosphere</i> , 2017, 188, 541-547.	4.2	26
147	Solvothermal synthesis of I-deficient BiOI thin film with distinct photocatalytic activity and durability under simulated sunlight. <i>Applied Catalysis B: Environmental</i> , 2017, 219, 249-258.	10.8	64
148	Toxicities and risk assessment of heavy metals in sediments of Taihu Lake, China, based on sediment quality guidelines. <i>Journal of Environmental Sciences</i> , 2017, 62, 31-38.	3.2	70
149	A mesoporous cationic thorium-organic framework that rapidly traps anionic persistent organic pollutants. <i>Nature Communications</i> , 2017, 8, 1354.	5.8	296
150	Bioaccumulation of perfluoroalkyl acids including the isomers of perfluorooctane sulfonate in carp (<i>Cyprinus carpio</i>) in a sediment/water microcosm. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 3005-3013.	2.2	29
151	Highly efficient photocatalysis toward tetracycline under simulated solar-light by Ag ⁺ -CDs-Bi ₂ WO ₆ : Synergistic effects of silver ions and carbon dots. <i>Applied Catalysis B: Environmental</i> , 2016, 192, 277-285.	10.8	79
152	Impact of low molecular weight organic acids (LMWOAs) on biochar micropores and sorption properties for sulfamethoxazole. <i>Environmental Pollution</i> , 2016, 214, 142-148.	3.7	73
153	Behaviors of N-ethyl perfluorooctane sulfonamide ethanol (N-EtFOSE) in a soil-earthworm system: Transformation and bioaccumulation. <i>Science of the Total Environment</i> , 2016, 554-555, 186-191.	3.9	38
154	Fate of TiO ₂ nanoparticles entering sewage treatment plants and bioaccumulation in fish in the receiving streams. <i>NanoImpact</i> , 2016, 3-4, 96-103.	2.4	77
155	Sequestration and bioavailability of perfluoroalkyl acids (PFAAs) in soils: Implications for their underestimated risk. <i>Science of the Total Environment</i> , 2016, 572, 169-176.	3.9	37
156	Facilitated Bioaccumulation of Perfluorooctanesulfonate in Common Carp (<i>Cyprinus carpio</i>) by Graphene Oxide and Remission Mechanism of Fulvic Acid. <i>Environmental Science & Technology</i> , 2016, 50, 11627-11636.	4.6	40
157	Occurrence and partitioning of bisphenol analogues in water and sediment from Liaohe River Basin and Taihu Lake, China. <i>Water Research</i> , 2016, 103, 343-351.	5.3	225
158	Impacts of Morphology, Natural Organic Matter, Cations, and Ionic Strength on Sulfidation of Silver Nanowires. <i>Environmental Science & Technology</i> , 2016, 50, 13283-13290.	4.6	39
159	Environmentally relevant impacts of nano-TiO ₂ on abiotic degradation of bisphenol A under sunlight irradiation. <i>Environmental Pollution</i> , 2016, 216, 166-172.	3.7	26
160	Isomer-Specific Distribution of Perfluoroalkyl Substances in Blood. <i>Environmental Science & Technology</i> , 2016, 50, 7808-7815.	4.6	59
161	Effective degradation of tetracycline by mesoporous Bi ₂ WO ₆ under visible light irradiation. <i>Frontiers of Environmental Science and Engineering</i> , 2016, 10, 211-218.	3.3	53
162	Impacts of daily intakes on the isomeric profiles of perfluoroalkyl substances (PFASs) in human serum. <i>Environment International</i> , 2016, 89-90, 62-70.	4.8	57

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163	Effects of nano-TiO ₂ on perfluorooctanesulfonate bioaccumulation in fishes living in different water layers: Implications for enhanced risk of perfluorooctanesulfonate. <i>Nanotoxicology</i> , 2016, 10, 471-479.	1.6	21
164	Isomeric specific partitioning behaviors of perfluoroalkyl substances in water dissolved phase, suspended particulate matters and sediments in Liao River Basin and Taihu Lake, China. <i>Water Research</i> , 2015, 80, 235-244.	5.3	108
165	Highly active magnetic bismuth tungstate/magnetite composite under visible light irradiation in the presence of hydrogen peroxide. <i>Journal of Colloid and Interface Science</i> , 2015, 444, 123-131.	5.0	29
166	Effect of humic acid (HA) on sulfonamide sorption by biochars. <i>Environmental Pollution</i> , 2015, 204, 306-312.	3.7	118
167	Perfluoroalkyl acids (PFAAs) with isomer analysis in the commercial PFOS and PFOA products in China. <i>Chemosphere</i> , 2015, 127, 180-187.	4.2	67
168	<i>In Vivo</i> and <i>In Vitro</i> Isomer-Specific Biotransformation of Perfluorooctane Sulfonamide in Common Carp (<i>Cyprinus carpio</i>). <i>Environmental Science & Technology</i> , 2015, 49, 13817-13824.	4.6	78
169	Isomer Profiles of Perfluoroalkyl Substances in Water and Soil Surrounding a Chinese Fluorochemical Manufacturing Park. <i>Environmental Science & Technology</i> , 2015, 49, 4946-4954.	4.6	118
170	Novel MWNTs@Bi ₂ WO ₆ composites with enhanced simulated solar photoactivity toward adsorbed and free tetracycline in water. <i>Applied Catalysis B: Environmental</i> , 2015, 176-177, 11-19.	10.8	150
171	Occurrence, fluxes and sources of perfluoroalkyl substances with isomer analysis in the snow of northern China. <i>Journal of Hazardous Materials</i> , 2015, 299, 639-646.	6.5	33
172	Facilitated bioaccumulation of perfluorooctanesulfonate in zebrafish by nano-TiO ₂ in two crystalline phases. <i>Environmental Pollution</i> , 2015, 206, 644-651.	3.7	24
173	Comparative sorption and desorption behaviors of PFHxS and PFOS on sequentially extracted humic substances. <i>Journal of Environmental Sciences</i> , 2014, 26, 2517-2525.	3.2	53
174	Distribution of perfluoroalkyl substances (PFASs) with isomer analysis among the tissues of aquatic organisms in Taihu Lake, China. <i>Environmental Pollution</i> , 2014, 193, 224-232.	3.7	48
175	Perfluoroalkyl acids and the isomers of perfluorooctanesulfonate and perfluorooctanoate in the sera of 50 new couples in Tianjin, China. <i>Environment International</i> , 2014, 68, 185-191.	4.8	44
176	Sediment quality guidelines: challenges and opportunities for improving sediment management. <i>Environmental Science and Pollution Research</i> , 2014, 21, 17-27.	2.7	66
177	Synthesis and characterization of a novel MnOx-loaded biochar and its adsorption properties for Cu ²⁺ in aqueous solution. <i>Chemical Engineering Journal</i> , 2014, 242, 36-42.	6.6	277
178	Trophic Magnification and Isomer Fractionation of Perfluoroalkyl Substances in the Food Web of Taihu Lake, China. <i>Environmental Science & Technology</i> , 2014, 48, 2173-2182.	4.6	150
179	Novel Mesoporous Graphite Carbon Nitride/BiOI Heterojunction for Enhancing Photocatalytic Performance Under Visible-Light Irradiation. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 5083-5093.	4.0	301
180	Comparison of the sorption behaviors and mechanisms of perfluorosulfonates and perfluorocarboxylic acids on three kinds of clay minerals. <i>Chemosphere</i> , 2014, 114, 51-58.	4.2	144

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181	Mutual impacts of wheat (<i>Triticum aestivum</i> L.) and earthworms (<i>Eisenia fetida</i>) on the bioavailability of perfluoroalkyl substances (PFASs) in soil. <i>Environmental Pollution</i> , 2014, 184, 495-501.	3.7	82
182	Serum levels of perfluoroalkyl acids (PFAAs) with isomer analysis and their associations with medical parameters in Chinese pregnant women. <i>Environment International</i> , 2014, 64, 40-47.	4.8	60
183	Biochars derived from various crop straws: Characterization and Cd(II) removal potential. <i>Ecotoxicology and Environmental Safety</i> , 2014, 106, 226-231.	2.9	190
184	Concentration profiles and spatial distribution of perfluoroalkyl substances in an industrial center with condensed fluorochemical facilities. <i>Science of the Total Environment</i> , 2014, 490, 351-359.	3.9	78
185	Enhanced photocatalytic performance of boron doped Bi ₂ WO ₆ nanosheets under simulated solar light irradiation. <i>Journal of Hazardous Materials</i> , 2013, 254-255, 185-192.	6.5	120
186	Preparation of magnetic composite photocatalyst Bi ₂ WO ₆ /CoFe ₂ O ₄ by two-step hydrothermal method and its photocatalytic degradation of bisphenol A. <i>Catalysis Communications</i> , 2013, 37, 92-95.	1.6	38
187	Mechanistic understanding of tetracycline sorption on waste tire powder and its chars as affected by Cu ²⁺ and pH. <i>Environmental Pollution</i> , 2013, 178, 264-270.	3.7	90
188	Highly active Bi/BiOI composite synthesized by one-step reaction and its capacity to degrade bisphenol A under simulated solar light irradiation. <i>Chemical Engineering Journal</i> , 2013, 233, 305-314.	6.6	219
189	Enhanced cytotoxicity of pentachlorophenol by perfluorooctane sulfonate or perfluorooctanoic acid in HepG2 cells. <i>Chemosphere</i> , 2013, 93, 2101-2107.	4.2	34
190	Photodegradation of bisphenol A by highly stable palladium-doped mesoporous graphite carbon nitride (Pd/mpg-C ₃ N ₄) under simulated solar light irradiation. <i>Applied Catalysis B: Environmental</i> , 2013, 142-143, 553-560.	10.8	306
191	Bioaccumulation of perfluoroalkyl carboxylates (PFCAs) and perfluoroalkane sulfonates (PFASs) by earthworms (<i>Eisenia fetida</i>) in soil. <i>Environmental Pollution</i> , 2013, 179, 45-52.	3.7	79
192	Isomers of perfluorooctanesulfonate and perfluorooctanoate and total perfluoroalkyl acids in human serum from two cities in North China. <i>Environment International</i> , 2013, 53, 9-17.	4.8	90
193	Biomonitoring of Perfluoroalkyl Acids in Human Urine and Estimates of Biological Half-Life. <i>Environmental Science & Technology</i> , 2013, 47, 10619-10627.	4.6	368
194	Photocatalytic Degradation Efficiency and Mechanism of Microcystin-RR by Mesoporous Bi ₂ WO ₆ under Near Ultraviolet Light. <i>Environmental Science & Technology</i> , 2012, 46, 2345-2351.	4.6	72
195	Photolytic reaction mechanism and impacts of coexisting substances on photodegradation of bisphenol A by Bi ₂ WO ₆ in water. <i>Water Research</i> , 2012, 46, 845-853.	5.3	179
196	Bioaccumulation and Metabolism of Polybrominated Diphenyl Ethers in Carp (<i>Cyprinus carpio</i>) in a Water/Sediment Microcosm: Important Role of Particulate Matter Exposure. <i>Environmental Science & Technology</i> , 2012, 46, 2951-2958.	4.6	36
197	Bioaccumulation and distribution of perfluoroalkyl acids in seafood products from Bohai Bay, China. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 1972-1979.	2.2	46
198	Photodegradation of perfluorooctanoic acid by synthesized TiO ₂ @MWCNT composites under 365 nm UV irradiation. <i>Chemosphere</i> , 2012, 86, 853-859.	4.2	106

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217	Distribution of polybrominated diphenyl ethers in breast milk from North China: Implication of exposure pathways. <i>Chemosphere</i> , 2009, 74, 1429-1434.	4.2	49
218	Quantitative analysis of polybrominated diphenyl ethers in earthworms and soil by gas chromatography coupled to ion-trap tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 394-400.	0.7	20
219	The study of distribution and fate of nitrobenzene in a water/sediment microcosm. <i>Chemosphere</i> , 2007, 69, 1579-1585.	4.2	35
220	Brominated Flame Retardants in Tree Bark from North America. <i>Environmental Science & Technology</i> , 2006, 40, 3711-3716.	4.6	119
221	Quantitative Estimation of Relative Contributions of Direct and Indirect Exposures to Perfluorooctane Sulfonate in Organisms Using the Isomer Profiling Technique. <i>ACS ES&T Water</i> , 0, , .	2.3	1