

Juying Li

List of Publications by Year in descending order

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75
papers

2,789
citations

172457

29
h-index

189892

50
g-index

78
all docs

78
docs citations

78
times ranked

3030
citing authors

#	ARTICLE	IF	CITATIONS
1	Sources identification and pollution evaluation of heavy metals in the surface sediments of Bortala River, Northwest China. <i>Ecotoxicology and Environmental Safety</i> , 2016, 126, 94-101.	6.0	215
2	Recent development of super-wettable materials and their applications in oil-water separation. <i>Journal of Cleaner Production</i> , 2020, 266, 121624.	9.3	170
3	Toxicity, degradation and metabolic fate of ibuprofen on freshwater diatom <i>Navicula</i> sp.. <i>Journal of Hazardous Materials</i> , 2017, 330, 127-134.	12.4	163
4	Degradation Kinetics and Metabolites of Carbamazepine in Soil. <i>Environmental Science & Technology</i> , 2013, 47, 3678-3684.	10.0	139
5	Biodegradation of naproxen by freshwater algae <i>Cymbella</i> sp. and <i>Scenedesmus quadricauda</i> and the comparative toxicity. <i>Bioresource Technology</i> , 2017, 238, 164-173.	9.6	133
6	Comparative cytotoxicity of halogenated aromatic DBPs and implications of the corresponding developed QSAR model to toxicity mechanisms of those DBPs: Binding interactions between aromatic DBPs and catalase play an important role. <i>Water Research</i> , 2020, 170, 115283.	11.3	94
7	Micro- and nanoplastics in wastewater treatment plants: Occurrence, removal, fate, impacts and remediation technologies – A critical review. <i>Chemical Engineering Journal</i> , 2021, 423, 130205.	12.7	93
8	Degradation and transformation products of acetaminophen in soil. <i>Water Research</i> , 2014, 49, 44-52.	11.3	90
9	Electrochemical mineralization of perfluorooctane sulfonate by novel F and Sb co-doped Ti/SnO ₂ electrode containing Sn-Sb interlayer. <i>Chemical Engineering Journal</i> , 2017, 316, 296-304.	12.7	74
10	Perfluorinated compounds (PFCs) in the atmosphere of Shenzhen, China: Spatial distribution, sources and health risk assessment. <i>Chemosphere</i> , 2015, 138, 511-518.	8.2	69
11	Transformation and removal pathways of four common PPCP/EDCs in soil. <i>Environmental Pollution</i> , 2014, 193, 29-36.	7.5	66
12	Spatial distribution and partition of perfluoroalkyl acids (PFAAs) in rivers of the Pearl River Delta, southern China. <i>Science of the Total Environment</i> , 2015, 524-525, 1-7.	8.0	64
13	Micro- and nanoplastics in the environment: Occurrence, detection, characterization and toxicity – A critical review. <i>Journal of Cleaner Production</i> , 2021, 313, 127863.	9.3	58
14	Biouptake, toxicity and biotransformation of triclosan in diatom <i>Cymbella</i> sp. and the influence of humic acid. <i>Environmental Pollution</i> , 2018, 234, 231-242.	7.5	57
15	The sequestration of aqueous Cr(VI) by zero valent iron-based materials: From synthesis to practical application. <i>Journal of Cleaner Production</i> , 2021, 312, 127678.	9.3	49
16	Decomplexation removal of Ni(II)-citrate complexes through heterogeneous Fenton-like process using novel CuO-CeO ₂ -CoO _x composite nanocatalyst. <i>Journal of Hazardous Materials</i> , 2019, 374, 167-176.	12.4	46
17	Efficient removal of acid orange 7 using a porous adsorbent-supported zero-valent iron as a synergistic catalyst in advanced oxidation process. <i>Chemosphere</i> , 2020, 244, 125522.	8.2	45
18	Nanocapsulation of horseradish peroxidase (HRP) enhances enzymatic performance in removing phenolic compounds. <i>International Journal of Biological Macromolecules</i> , 2020, 150, 814-822.	7.5	45

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19	Experimental and modeling study on ignition delay of ammonia/methane fuels. <i>International Journal of Energy Research</i> , 2020, 44, 6939-6949.	4.5	43
20	Enhanced photocatalytic hydrogen evolution under visible light irradiation by p-type MoS ₂ /n-type Ni ₂ P doped g-C ₃ N ₄ . <i>Applied Surface Science</i> , 2020, 504, 144448.	6.1	42
21	Degradation of Carbendazim in Soil: Effect of Sewage Sludge-Derived Biochars. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 3703-3710.	5.2	42
22	Occurrence and removal of bisphenol analogues in wastewater treatment plants and activated sludge bioreactor. <i>Science of the Total Environment</i> , 2021, 758, 143606.	8.0	42
23	Microplastics altered contaminant behavior and toxicity in natural waters. <i>Journal of Hazardous Materials</i> , 2022, 425, 127908.	12.4	42
24	Comprehensive Insights into the Interactions of Two Emerging Bromophenolic DBPs with Human Serum Albumin by Multispectroscopy and Molecular Docking. <i>ACS Omega</i> , 2019, 4, 563-572.	3.5	40
25	Occurrence, Distribution, and Accumulation of Pesticides in Exterior Residential Areas. <i>Environmental Science & Technology</i> , 2016, 50, 12592-12601.	10.0	36
26	Biological removal of pharmaceuticals by <i>Navicula</i> sp. and biotransformation of bezafibrate. <i>Chemosphere</i> , 2020, 240, 124949.	8.2	35
27	Dynamics of microbial community in the bioreactor for bisphenol S removal. <i>Science of the Total Environment</i> , 2019, 662, 15-21.	8.0	34
28	Spatial pattern analysis reveals multiple sources of organophosphorus flame retardants in coastal waters. <i>Journal of Hazardous Materials</i> , 2021, 417, 125882.	12.4	34
29	Stereoisomeric Isolation and Stereoselective Fate of Insecticide Paichongding in Flooded Paddy Soils. <i>Environmental Science & Technology</i> , 2013, 47, 12768-12774.	10.0	34
30	Biodegradation of triclosan in diatom <i>Navicula</i> sp.: Kinetics, transformation products, toxicity evaluation and the effects of pH and potassium permanganate. <i>Journal of Hazardous Materials</i> , 2018, 344, 200-209.	12.4	32
31	Causes and mechanisms on the toxicity of layered double hydroxide (LDH) to green algae <i>Scenedesmus quadricauda</i> . <i>Science of the Total Environment</i> , 2018, 635, 1004-1011.	8.0	30
32	Enantioselective Uptake and Translocation of a Novel Chiral Neonicotinoid Insecticide Cycloxaprid in <i>Brassica campestris</i> subsp. <i>chinensis</i> . <i>Chirality</i> , 2013, 25, 686-691.	2.6	27
33	Effective degradation of carbamazepine using a novel electro-peroxone process involving simultaneous electrochemical generation of ozone and hydrogen peroxide. <i>Electrochemistry Communications</i> , 2018, 86, 26-29.	4.7	27
34	Enhanced photoelectrocatalytic degradation of bisphenol A and simultaneous production of hydrogen peroxide in saline wastewater treatment. <i>Chemosphere</i> , 2019, 222, 141-148.	8.2	27
35	Stereoselective uptake and distribution of the chiral neonicotinoid insecticide, Paichongding, in Chinese pak choi (<i>Brassica campestris</i> ssp. <i>chinensis</i>). <i>Journal of Hazardous Materials</i> , 2013, 262, 862-869.	12.4	26
36	Influence of organic amendment on fate of acetaminophen and sulfamethoxazole in soil. <i>Environmental Pollution</i> , 2015, 206, 543-550.	7.5	23

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37	Effective mineralization of anti-epilepsy drug carbamazepine in aqueous solution by simultaneously electro-generated H ₂ O ₂ /O ₃ process. <i>Electrochimica Acta</i> , 2018, 290, 203-210.	5.2	22
38	Identification, Formation, and Predicted Toxicity of Halogenated DBPs Derived from Tannic Acid and Its Biodegradation Products. <i>Environmental Science & Technology</i> , 2019, 53, 13019-13030.	10.0	22
39	Convenient one-step fabrication and morphology evolution of thin-shelled honeycomb-like structured g-C ₃ N ₄ to significantly enhance photocatalytic hydrogen evolution. <i>Applied Surface Science</i> , 2020, 506, 145004.	6.1	22
40	Toxicity and biotransformation of bisphenol S in freshwater green alga <i>Chlorella vulgaris</i> . <i>Science of the Total Environment</i> , 2020, 747, 141144.	8.0	22
41	Soil Microbial Effects on the Stereoselective Mineralization, Extractable Residue, Bound Residue, and Metabolism of a Novel Chiral Cis Neonicotinoid, Paichongding. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 7689-7695.	5.2	21
42	Pesticides on residential outdoor surfaces: environmental impacts and aquatic toxicity. <i>Pest Management Science</i> , 2016, 72, 1411-1420.	3.4	21
43	Occurrence and Partition of Perfluorinated Compounds (PFCs) in Water and Sediment from the Songhua River, China. <i>Archives of Environmental Contamination and Toxicology</i> , 2018, 74, 492-501.	4.1	21
44	Algal toxicity, accumulation and metabolic pathways of galaxolide. <i>Journal of Hazardous Materials</i> , 2020, 384, 121360.	12.4	20
45	Synthesis of Rice Husk-Derived Magnetic Biochar Through Liquefaction to Adsorb Anionic and Cationic Dyes from Aqueous Solutions. <i>Arabian Journal for Science and Engineering</i> , 2021, 46, 233-246.	3.0	20
46	Perfluoroalkyl acids (PFAAs) in sediments from rivers of the Pearl River Delta, southern China. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 213.	2.7	19
47	Synthesis and chiral purification of ¹⁴ C-labeled novel neonicotinoids, paichongding. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2011, 54, 775-779.	1.0	18
48	Perfluorinated Compounds (PFCs) in Soil of the Pearl River Delta, China: Spatial Distribution, Sources, and Ecological Risk Assessment. <i>Archives of Environmental Contamination and Toxicology</i> , 2020, 78, 182-189.	4.1	18
49	Tissue distribution, excretion, and metabolism of 2,6-di-tert-butyl-hydroxytoluene in mice. <i>Science of the Total Environment</i> , 2020, 739, 139862.	8.0	18
50	Sorption of diclofenac by polystyrene microplastics: Kinetics, isotherms and particle size effects. <i>Chemosphere</i> , 2022, 290, 133311.	8.2	18
51	Radiosynthesis of tritium-labeled novel nitromethylene neonicotinoids compounds with NaB ³ H ₄ . <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2011, 54, 256-259.	1.0	17
52	Toxic effects and metabolic fate of carbamazepine in diatom <i>Navicula</i> sp. as influenced by humic acid and nitrogen species. <i>Journal of Hazardous Materials</i> , 2019, 378, 120763.	12.4	16
53	Adsorption-desorption behavior of carbendazim by sewage sludge-derived biochar and its possible mechanism. <i>RSC Advances</i> , 2019, 9, 35209-35216.	3.6	16
54	Uptake and translocation of ¹⁴ C-Carbamazepine in soil-plant systems. <i>Environmental Pollution</i> , 2018, 243, 1352-1359.	7.5	15

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55	Toxicity and Metabolic Fate of the Fungicide Carbendazim in the Typical Freshwater Diatom <i>Navicula</i> Species. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 6683-6690.	5.2	15
56	Transformation of ¹⁴ C-pyrimidinyloxybenzoic herbicide ZJ0273 in aerobic soils. <i>Science of the Total Environment</i> , 2010, 408, 2239-2244.	8.0	13
57	Stereoselective Degradation and Transformation Products of a Novel Chiral Insecticide, Paichongding, in Flooded Paddy Soil. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 7423-7430.	5.2	13
58	Toxic effect of fluorene-9-bisphenol to green algae <i>Chlorella vulgaris</i> and its metabolic fate. <i>Ecotoxicology and Environmental Safety</i> , 2021, 216, 112158.	6.0	12
59	Influence of multi-walled carbon nanotubes on the toxicity and removal of carbamazepine in diatom <i>Navicula</i> sp.. <i>Science of the Total Environment</i> , 2019, 697, 134104.	8.0	11
60	Influence of Soil Factors on the Stereoselective Fate of a Novel Chiral Insecticide, Paichongding, in Flooded Paddy Soils. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 8109-8117.	5.2	9
61	Spatial Distribution of Perfluorinated Compounds in Atmosphere of the Pearl River Delta, China. <i>Archives of Environmental Contamination and Toxicology</i> , 2019, 77, 180-187.	4.1	9
62	Biological responses of alga <i>Euglena gracilis</i> to triclosan and galaxolide and the regulation of humic acid. <i>Chemosphere</i> , 2022, 307, 135667.	8.2	9
63	Assessment of hexachlorocyclohexane biodegradation in contaminated soil by compound-specific stable isotope analysis. <i>Environmental Pollution</i> , 2019, 254, 113008.	7.5	8
64	Highly efficient degradation of 2,2,4,4-tetrabromodiphenyl ether through combining surfactant-assisted Zn0 reduction with subsequent Fenton oxidation. <i>Journal of Hazardous Materials</i> , 2020, 385, 121551.	12.4	8
65	Species and formation characteristics of halogenated DBPs in chloramination of tannic acid after biodegradation. <i>Science of the Total Environment</i> , 2021, 781, 146690.	8.0	8
66	Highly enhanced dephosphorylation of phytic acid via pre-complexation of PA-Fe ²⁺ in the Fenton system: High activity, wide pH range and ferryl-based mechanism. <i>Chemical Engineering Journal</i> , 2021, 426, 130894.	12.7	7
67	3-Dimensional membrane capsules: Synthesis modulations for the remediation of environmental pollutants – A critical review. <i>Critical Reviews in Environmental Science and Technology</i> , 2022, 52, 1092-1153.	12.8	6
68	Comparative study on the toxicity and removal of bisphenol S in two typical freshwater algae. <i>Environmental Science and Pollution Research</i> , 2021, 28, 36861-36869.	5.3	6
69	Phytotransformation and Metabolic Pathways of ¹⁴ C-Carbamazepine in Carrot and Celery. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 3362-3371.	5.2	5
70	Combined toxicity of arsenite and dimethylarsenic acid on the freshwater diatom <i>Nitzschia palea</i> . <i>Ecotoxicology</i> , 2017, 26, 202-210.	2.4	4
71	Passive sampling hydrophilic and hydrophobic bisphenol analogues using hydrophilic-lipophilic balance sorbent-embedded cellulose acetate membrane in surface waters. <i>Science of the Total Environment</i> , 2022, 839, 156239.	8.0	4
72	Bisphenol S degradation in soil and the dynamics of microbial community associated with degradation. <i>Science of the Total Environment</i> , 2022, 846, 157451.	8.0	4

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73	Biosolids inhibit uptake and translocation of ¹⁴ C-carbamazepine by edible vegetables in soil. <i>Environmental Science and Pollution Research</i> , 2020, 27, 8323-8333.	5.3	3
74	Accumulation and passive sampling of bisphenol analogues using triolein-embedded cellulose acetate membrane in waters. <i>Science of the Total Environment</i> , 2021, 798, 148985.	8.0	2
75	Spatial heterogeneity of soil nutrients and salinization risk assessment of a small-scale farmland in Ebinur Basin in northwest China. <i>Acta Ecologica Sinica</i> , 2017, 37, .	0.1	0