

Lijuan Feng

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,287
citations

361296

20
h-index

377752

34
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45
all docs

45
docs citations

45
times ranked

1148
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical activation of peroxymonosulfate (PMS) by carbon cloth anode for sulfamethoxazole degradation. <i>Chemosphere</i> , 2022, 287, 132094.	4.2	48
2	Oxidation of pyrazolone pharmaceuticals by peracetic acid: Kinetics, mechanism and genetic toxicity variations. <i>Chemosphere</i> , 2022, 291, 132947.	4.2	12
3	Enhanced photocatalytic performance of visible-light-driven CuOx/TiO2-x for degradation of gaseous formaldehyde: Roles of oxygen vacancies and nano copper oxides. <i>Chemosphere</i> , 2022, 291, 133007.	4.2	22
4	Enhanced performance and mechanisms of sulfamethoxazole removal in vertical subsurface flow constructed wetland by filling manganese ore as the substrate. <i>Science of the Total Environment</i> , 2022, 812, 152554.	3.9	27
5	Advances and prospects on the aquatic plant coupled with sediment microbial fuel cell system. <i>Environmental Pollution</i> , 2022, 297, 118771.	3.7	17
6	FeO-loaded superfine powdered activated carbon prepared by ball milling for synergistic adsorption and persulfate activation to remove aqueous carbamazepine. <i>Chemosphere</i> , 2022, 293, 133665.	4.2	9
7	Removal efficiencies of natural and synthetic progesterones in hospital wastewater treated by different disinfection processes. <i>Frontiers of Environmental Science and Engineering</i> , 2022, 16, 1.	3.3	8
8	A new and systematic review on the efficiency and mechanism of different techniques for OPRs removal from aqueous environments. <i>Journal of Hazardous Materials</i> , 2022, 431, 128517.	6.5	13
9	Effects and mechanisms of aged polystyrene microplastics on the photodegradation of sulfamethoxazole in water under simulated sunlight. <i>Journal of Hazardous Materials</i> , 2022, 433, 128813.	6.5	32
10	Reaction kinetics of dissolved black carbon with hydroxyl radical, sulfate radical and reactive chlorine radicals. <i>Science of the Total Environment</i> , 2022, 828, 153984.	3.9	13
11	Enhancement effects of dissolved organic matter leached from sewage sludge on microbial reduction and immobilization of Cr(VI) by <i>Geobacter sulfurreducens</i> . <i>Science of the Total Environment</i> , 2022, 835, 155301.	3.9	14
12	Occurrence and migration of microplastics and plasticizers in different wastewater and sludge treatment units in municipal wastewater treatment plant. <i>Frontiers of Environmental Science and Engineering</i> , 2022, 16, .	3.3	8
13	A review: Application of allelochemicals in water ecological restoration” algal inhibition. <i>Chemosphere</i> , 2021, 267, 128869.	4.2	54
14	Rapid electrochemical reduction of a typical chlorinated organophosphorus flame retardant on copper foam: degradation kinetics and mechanisms. <i>Chemosphere</i> , 2021, 264, 128515.	4.2	13
15	Modeling genome-wide by environment interactions through omnigenic interactome networks. <i>Cell Reports</i> , 2021, 35, 109114.	2.9	20
16	Ammonia capture from human urine to harvest liquid N-P compound fertilizer by a submerged hollow fiber membrane contactor: Performance and fertilizer analysis. <i>Science of the Total Environment</i> , 2021, 768, 144478.	3.9	15
17	A critical review on bismuth oxyhalide based photocatalysis for pharmaceutical active compounds degradation: Modifications, reactive sites, and challenges. <i>Journal of Hazardous Materials</i> , 2021, 412, 125186.	6.5	100
18	Inhibitory effects of antioxidant moieties in humic substances on phototransformation of chlortetracycline mediated by the algae extracellular organic matter. <i>Science of the Total Environment</i> , 2021, 798, 149001.	3.9	5

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19	The design of multi-stage open-loop hollow fiber membrane contactor and its application in ammonia capture from hydrolyzed human urine. <i>Water Research</i> , 2021, 207, 117811.	5.3	17
20	FunGraph: A statistical protocol to reconstruct omnigenic multilayer interactome networks for complex traits. <i>STAR Protocols</i> , 2021, 2, 100985.	0.5	5
21	Degradation behaviors of Isopropylphenazone and Aminopyrine and their genetic toxicity variations during UV/chloramine treatment. <i>Water Research</i> , 2020, 170, 115339.	5.3	36
22	Sorption of aromatic organophosphate flame retardants on thermally and hydrothermally produced biochars. <i>Frontiers of Environmental Science and Engineering</i> , 2020, 14, 1.	3.3	14
23	Electrochemical simultaneous denitrification and removal of phosphorus from the effluent of a municipal wastewater treatment plant using cheap metal electrodes. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 1095-1105.	1.2	22
24	Rapid and selective adsorption of a typical aromatic organophosphorus flame retardant on MIL-101-based metal-organic frameworks. <i>RSC Advances</i> , 2020, 10, 2198-2208.	1.7	23
25	Solvothermal synthesis of multiwall carbon nanotubes/BiOI photocatalysts for the efficient degradation of antipyrine under visible light. <i>Environmental Research</i> , 2020, 185, 109468.	3.7	32
26	Photosensitization mechanism of algogenic extracellular organic matters (EOMs) in the photo-transformation of chlortetracycline: Role of chemical constituents and structure. <i>Water Research</i> , 2019, 164, 114940.	5.3	40
27	Dissolved black carbon enhanced the aquatic photo-transformation of chlortetracycline via triplet excited-state species: The role of chemical composition. <i>Environmental Research</i> , 2019, 179, 108855.	3.7	29
28	Degradation of naproxen in chlorination and UV/chlorine processes: kinetics and degradation products. <i>Environmental Science and Pollution Research</i> , 2019, 26, 34301-34310.	2.7	11
29	Effects of water matrices on the degradation of naproxen by reactive radicals in the UV/peracetic acid process. <i>Water Research</i> , 2019, 150, 153-161.	5.3	204
30	Effects of pyrolysis temperature and addition proportions of corncob on the distribution of products and potential energy recovery during the preparation of sludge activated carbon. <i>Chemosphere</i> , 2019, 221, 175-183.	4.2	28
31	<i>Chlorella vulgaris</i> enhance the photodegradation of chlortetracycline in aqueous solution via extracellular organic matters (EOMs): Role of triplet state EOMs. <i>Water Research</i> , 2019, 149, 35-41.	5.3	77
32	Dissipation of polycyclic aromatic hydrocarbons (PAHs) in soil amended with sewage sludge and sludge compost. <i>Environmental Science and Pollution Research</i> , 2019, 26, 34127-34136.	2.7	11
33	Degradation of clofibric acid in UV/chlorine disinfection process: kinetics, reactive species contribution and pathways. <i>Royal Society Open Science</i> , 2018, 5, 171372.	1.1	21
34	Performance and fouling mechanism of direct contact membrane distillation (DCMD) treating fermentation wastewater with high organic concentrations. <i>Journal of Environmental Sciences</i> , 2018, 65, 253-261.	3.2	38
35	Characterization of ferromagnetic sludge-based activated carbon and its application in catalytic ozonation of p-chlorobenzoic acid. <i>Environmental Science and Pollution Research</i> , 2018, 25, 5086-5094.	2.7	16
36	Kinetics and pathways of Bezafibrate degradation in UV/chlorine process. <i>Environmental Science and Pollution Research</i> , 2018, 25, 672-682.	2.7	23

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37	Comparison of varying operating parameters on heavy metals ecological risk during anaerobic co-digestion of chicken manure and corn stover. <i>Bioresource Technology</i> , 2018, 247, 660-668.	4.8	50
38	Transformation of aminopyrine in the presence of free available chlorine: Kinetics, products, and reaction pathways. <i>Chemosphere</i> , 2017, 171, 625-634.	4.2	15
39	Effects of polyethylene glycol on the structure and filtration performance of thin-film PA-Psf composite forward osmosis membranes. <i>Separation Science and Technology</i> , 2016, 51, 862-873.	1.3	20
40	Effects of 1-methyl-2-pyrrolidinone (NMP) on polyamide-polysulfone TFC membrane pore morphology and ICP and membrane performance in forward osmosis. <i>Desalination and Water Treatment</i> , 2016, 57, 7637-7649.	1.0	1
41	Removal of five selected pharmaceuticals by coagulation in the presence of dissolved humic acids and kaolin. <i>Desalination and Water Treatment</i> , 2015, 54, 1134-1140.	1.0	12
42	Co-production of activated carbon, fuel-gas, and oil from the pyrolysis of corncob mixtures with wet and dried sewage sludge. <i>Waste Management and Research</i> , 2014, 32, 519-526.	2.2	4
43	Contribution of sludge adsorption and biodegradation to the removal of five pharmaceuticals in a submerged membrane bioreactor. <i>Biochemical Engineering Journal</i> , 2014, 88, 101-107.	1.8	30
44	Construction of a technique plan repository and evaluation system based on AHP group decision-making for emergency treatment and disposal in chemical pollution accidents. <i>Journal of Hazardous Materials</i> , 2014, 276, 200-206.	6.5	70
45	Formation of aldehyde during ozonation of taste and odour compounds in water. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2013, 62, 120-128.	0.6	8