

Yiqing Liu

List of Publications by Year in descending order

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35
papers

2,022
citations

394421

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times ranked

1671
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of bicarbonate on nitrate-induced photosensitive degradation of sulfamethoxazole under UV irradiation. <i>Environmental Technology (United Kingdom)</i> , 2024, 45, 170-179.	2.2	1
2	Phosphate-induced activation of peracetic acid for diclofenac degradation: Kinetics, influence factors and mechanism. <i>Chemosphere</i> , 2022, 287, 132396.	8.2	28
3	Heterogeneous degradation of organic contaminants by peracetic acid activated with FeCo ₂ S ₄ modified g-C ₃ N ₄ : Identification of reactive species and catalytic mechanism. <i>Separation and Purification Technology</i> , 2022, 282, 120082.	7.9	12
4	Hydroxylamine enhanced Cu(II)/peroxydisulfate system for diclofenac degradation: Efficiency, influence factors and mechanism. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107200.	6.7	5
5	Heat-activated peracetic acid for degradation of diclofenac: kinetics, influencing factors and mechanism. <i>Environmental Technology (United Kingdom)</i> , 2022, , 1-9.	2.2	5
6	Efficient degradation of organic contaminants by magnetic cobalt ferrite combined with peracetic acid. <i>Chemical Engineering Research and Design</i> , 2022, 160, 376-384.	5.6	16
7	Cobalt doped graphitic carbon nitride as an effective catalyst for peracetic acid to degrade sulfamethoxazole. <i>RSC Advances</i> , 2022, 12, 13810-13819.	3.6	6
8	Efficient degradation of sulfamethoxazole using peracetic acid activated by zero-valent cobalt. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107783.	6.7	22
9	Boric acid enhanced degradation of organic pollutant by Cu(II)/peroxymonosulfate: Performance and mechanism. <i>Separation and Purification Technology</i> , 2022, 293, 121135.	7.9	9
10	Activated peracetic acid by Mn ₃ O ₄ for sulfamethoxazole degradation: A novel heterogeneous advanced oxidation process. <i>Chemosphere</i> , 2022, 306, 135506.	8.2	19
11	Degradation of diclofenac by Fe(II)-activated peracetic acid. <i>Environmental Technology (United Kingdom)</i> , 2022, 43, 147-154.	2.2	22
12	Sulfamethoxazole degradation by UV-Fe ³⁺ activated hydrogen sulfite. <i>Chemosphere</i> , 2021, 268, 128818.	8.2	20
13	Separation and concentration of o-toluidine and tricyclazole from water with micellar enhanced ultrafiltration based on sodium dodecyl sulfate surfactant. <i>Environmental Technology (United Kingdom)</i> , 2021, 42, 147-154.	1.0	1
14	Enhanced degradation of triclosan using UV-Fe ²⁺ /peroxydisulfate synergistic activation of peracetic acid. <i>Environmental Science: Water Research and Technology</i> , 2021, 7, 630-637.	2.4	12
15	Kinetics and reaction mechanism of photochemical degradation of diclofenac by UV-activated peroxymonosulfate. <i>RSC Advances</i> , 2021, 11, 6804-6817.	3.6	17
16	Solubilization and separation of o-toluidine and tricyclazole in sodium dodecyl sulfate micelles in micellar enhanced ultrafiltration. <i>Environmental Science and Pollution Research</i> , 2021, 28, 42694-42705.	5.3	0
17	Rapid and continuous degradation of diclofenac by Fe(II)-activated persulfate combined with bisulfite. <i>Separation and Purification Technology</i> , 2021, 262, 118335.	7.9	31
18	Degradation of sulfamethoxazole by UV/sulfite in presence of oxygen: Efficiency, influence factors and mechanism. <i>Separation and Purification Technology</i> , 2021, 268, 118709.	7.9	32

#	ARTICLE	IF	CITATIONS
19	Removal of diclofenac in water using peracetic acid activated by zero valent copper. Separation and Purification Technology, 2021, 276, 119319.	7.9	44
20	HCO ₃ ²⁻ /CO ₃ ²⁻ enhanced degradation of diclofenac by Cu(â€¦)-activated peracetic acid: Efficiency and mechanism. Separation and Purification Technology, 2021, 277, 119434.	7.9	45
21	Effective degradation of sulfamethoxazole with Fe ²⁺ -zeolite/peracetic acid. Separation and Purification Technology, 2020, 233, 115973.	7.9	95
22	A simple Fe ³⁺ /bisulfite system for rapid degradation of sulfamethoxazole. RSC Advances, 2020, 10, 30162-30168.	3.6	6
23	Degradation kinetics and mechanism of diclofenac by UV/peracetic acid. RSC Advances, 2020, 10, 9907-9916.	3.6	62
24	Degradation of diclofenac by Fe(II)-activated bisulfite: Kinetics, mechanism and transformation products. Chemosphere, 2019, 237, 124518.	8.2	64
25	Kinetics and pathways of diclofenac degradation by heat-activated persulfate. RSC Advances, 2019, 9, 31370-31377.	3.6	28
26	The self-catalysis of ferrate (VI) by its reactive byproducts or reductive substances for the degradation of diclofenac: Kinetics, mechanism and transformation products. Separation and Purification Technology, 2018, 192, 412-418.	7.9	72
27	Degradation of atrazine by ZnxCu1âˆ™xFe2O4 nanomaterial-catalyzed sulfite under UVâ€“vis light irradiation: Green strategy to generate SO ₄ ²⁻ . Applied Catalysis B: Environmental, 2018, 221, 380-392.	20.2	212
28	Effects of HCO ₃ ⁻ on Degradation of Toxic Contaminants of Emerging Concern by UV/NO ₃ ⁻ . Environmental Science & Technology, 2018, 52, 12697-12707.	10.0	129
29	Efficient degradation of cytotoxic contaminants of emerging concern by UV/H ₂ O ₂ . Environmental Science: Water Research and Technology, 2018, 4, 1272-1281.	2.4	19
30	Quantitative assessment on the contribution of direct photolysis and radical oxidation in photochemical degradation of 4-chlorophenol and oxytetracycline. Environmental Science and Pollution Research, 2016, 23, 14307-14315.	5.3	3
31	Kinetics and mechanism investigation on the destruction of oxytetracycline by UV-254 nm activation of persulfate. Journal of Hazardous Materials, 2016, 305, 229-239.	12.4	284
32	Significant role of UV and carbonate radical on the degradation of oxytetracycline in UV-AOPs: Kinetics and mechanism. Water Research, 2016, 95, 195-204.	11.3	234
33	Degradation kinetics and mechanism of oxytetracycline by hydroxyl radical-based advanced oxidation processes. Chemical Engineering Journal, 2016, 284, 1317-1327.	12.7	271
34	Photochemical degradation of oxytetracycline: Influence of pH and role of carbonate radical. Chemical Engineering Journal, 2015, 276, 113-121.	12.7	194
35	Treatment of Concentrated Leachate by Coagulation and Fly Ash Absorption. , 2011, , .		1