

Yiqing Liu

List of Publications by Year in descending order

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35
papers

2,022
citations

394421

19
h-index

395702

33
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all docs

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docs citations

35
times ranked

1671
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinetics and mechanism investigation on the destruction of oxytetracycline by UV-254 nm activation of persulfate. <i>Journal of Hazardous Materials</i> , 2016, 305, 229-239.	12.4	284
2	Degradation kinetics and mechanism of oxytetracycline by hydroxyl radical-based advanced oxidation processes. <i>Chemical Engineering Journal</i> , 2016, 284, 1317-1327.	12.7	271
3	Significant role of UV and carbonate radical on the degradation of oxytetracycline in UV-AOPs: Kinetics and mechanism. <i>Water Research</i> , 2016, 95, 195-204.	11.3	234
4	Degradation of atrazine by ZnxCu1-xFe2O4 nanomaterial-catalyzed sulfite under UV-vis light irradiation: Green strategy to generate SO4 ^{•-} . <i>Applied Catalysis B: Environmental</i> , 2018, 221, 380-392.	20.2	212
5	Photochemical degradation of oxytetracycline: Influence of pH and role of carbonate radical. <i>Chemical Engineering Journal</i> , 2015, 276, 113-121.	12.7	194
6	Effects of HCO ₃ ⁻ on Degradation of Toxic Contaminants of Emerging Concern by UV/NO ₃ ⁻ . <i>Environmental Science & Technology</i> , 2018, 52, 12697-12707.	10.0	129
7	Effective degradation of sulfamethoxazole with Fe ²⁺ -zeolite/peracetic acid. <i>Separation and Purification Technology</i> , 2020, 233, 115973.	7.9	95
8	The self-catalysis of ferrate (VI) by its reactive byproducts or reductive substances for the degradation of diclofenac: Kinetics, mechanism and transformation products. <i>Separation and Purification Technology</i> , 2018, 192, 412-418.	7.9	72
9	Degradation of diclofenac by Fe(II)-activated bisulfite: Kinetics, mechanism and transformation products. <i>Chemosphere</i> , 2019, 237, 124518.	8.2	64
10	Degradation kinetics and mechanism of diclofenac by UV/peracetic acid. <i>RSC Advances</i> , 2020, 10, 9907-9916.	3.6	62
11	HCO ₃ ⁻ /CO ₃ ²⁻ enhanced degradation of diclofenac by Cu(â€¦)-activated peracetic acid: Efficiency and mechanism. <i>Separation and Purification Technology</i> , 2021, 277, 119434.	7.9	45
12	Removal of diclofenac in water using peracetic acid activated by zero valent copper. <i>Separation and Purification Technology</i> , 2021, 276, 119319.	7.9	44
13	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
14	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
15	Kinetics and pathways of diclofenac degradation by heat-activated persulfate. <i>RSC Advances</i> , 2019, 9, 31370-31377.	3.6	28
16	Phosphate-induced activation of peracetic acid for diclofenac degradation: Kinetics, influence factors and mechanism. <i>Chemosphere</i> , 2022, 287, 132396.	8.2	28
17	Degradation of diclofenac by Fe(II)-activated peracetic acid. <i>Environmental Technology (United Kingdom)</i> 22(2) 147-154	2.2	22
18	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

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19	Sulfamethoxazole degradation by UV-Fe ³⁺ activated hydrogen sulfite. <i>Chemosphere</i> , 2021, 268, 128818.	8.2	20
20	Efficient degradation of cytotoxic contaminants of emerging concern by UV/H ₂ O ₂ . <i>Environmental Science: Water Research and Technology</i> , 2018, 4, 1272-1281.	2.4	19
21	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
22	Kinetics and reaction mechanism of photochemical degradation of diclofenac by UV-activated peroxymonosulfate. <i>RSC Advances</i> , 2021, 11, 6804-6817.	3.6	17
23	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
24	Enhanced degradation of triclosan using UV-Fe ²⁺ /synergistic activation of peracetic acid. <i>Environmental Science: Water Research and Technology</i> , 2021, 7, 630-637.	2.4	12
25	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
26	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
27	A simple Fe ³⁺ /bisulfite system for rapid degradation of sulfamethoxazole. <i>RSC Advances</i> , 2020, 10, 30162-30168.	3.6	6
28	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
29	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
30	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
31	Quantitative assessment on the contribution of direct photolysis and radical oxidation in photochemical degradation of 4-chlorophenol and oxytetracycline. <i>Environmental Science and Pollution Research</i> , 2016, 23, 14307-14315.	5.3	3
32	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, 1072-1080.	1.0	1
33	Treatment of Concentrated Leachate by Coagulation and Fly Ash Absorption. , 2011, , .		1
34	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
35	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