

Yongming Ju

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

834
citations

623734

14
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

1104
citing authors

#	ARTICLE	IF	CITATIONS
1	Microwave photocatalytic degradation of Rhodamine B using TiO ₂ supported on activated carbon: Mechanism implication. <i>Journal of Environmental Sciences</i> , 2009, 21, 268-272.	6.1	197
2	Microwave induced catalytic degradation of crystal violet in nano-nickel dioxide suspensions. <i>Journal of Hazardous Materials</i> , 2010, 173, 393-400.	12.4	115
3	Microwave-Assisted Rapid Photocatalytic Degradation of Malachite Green in TiO ₂ Suspensions: Mechanism and Pathways. <i>Journal of Physical Chemistry A</i> , 2008, 112, 11172-11177.	2.5	113
4	Microwave-enhanced H ₂ O ₂ -based process for treating aqueous malachite green solutions: Intermediates and degradation mechanism. <i>Journal of Hazardous Materials</i> , 2009, 171, 123-132.	12.4	73
5	Photodegradation of crystal violet in TiO ₂ suspensions using UV-vis irradiation from two microwave-powered electrodeless discharge lamps (EDL-2): Products, mechanism and feasibility. <i>Journal of Hazardous Materials</i> , 2011, 185, 1489-1498.	12.4	54
6	Environmental application of millimetre-scale sponge iron (s-Fe ₀) particles (IV): New insights into visible light photo-Fenton-like process with optimum dosage of H ₂ O ₂ and RhB photosensitizers. <i>Journal of Hazardous Materials</i> , 2017, 323, 611-620.	12.4	52
7	Synthesis of millimeter-scale sponge Fe/Cu bimetallic particles removing TBBPA and insights of degradation mechanism. <i>Chemical Engineering Journal</i> , 2017, 325, 279-288.	12.7	51
8	Detoxification of municipal solid waste incinerator (MSWI) fly ash by single-mode microwave (MW) irradiation: Addition of urea on the degradation of Dioxin and mechanism. <i>Journal of Hazardous Materials</i> , 2019, 369, 279-289.	12.4	31
9	Environmental application of millimeter-scale sponge iron (s-Fe ₀) particles (II): The effect of surface copper. <i>Journal of Hazardous Materials</i> , 2015, 287, 325-334.	12.4	25
10	New insight into the cosolvent effect on the degradation of tetrabromobisphenol A (TBBPA) over millimeter-scale palladised sponge iron (Pd-s-Fe ₀) particles. <i>Chemical Engineering Journal</i> , 2019, 361, 1423-1436.	12.7	21
11	Environmental application of millimetre-scale sponge iron (s-Fe ₀) particles (I): Pretreatment of cationic triphenylmethane dyes. <i>Journal of Hazardous Materials</i> , 2015, 283, 469-479.	12.4	19
12	Could microwave induced catalytic oxidation (MICO) process over CoFe ₂ O ₄ effectively eliminate brilliant green in aqueous solution?. <i>Journal of Hazardous Materials</i> , 2013, 263, 600-609.	12.4	17
13	Environmental application of millimetre-scale sponge iron (s-Fe ₀) particles (III): The effect of surface silver. <i>Journal of Hazardous Materials</i> , 2015, 299, 618-629.	12.4	17
14	The influence of a washing pretreatment containing phosphate anions on single-mode microwave-based detoxification of fly ash from municipal solid waste incinerators. <i>Chemical Engineering Journal</i> , 2020, 387, 124053.	12.7	16
15	Synthesis of surface sulfated BiWO ₆ with enhanced photocatalytic performance. <i>Journal of Environmental Sciences</i> , 2012, 24, 2180-2190.	6.1	8
16	Mechanism for the elimination of pollutants from aqueous solutions adopting NiR ₂ O ₄ (R = Fe, Cr and) Tj ETQq0 0 0 rrgBT /Overlock 10 T	7.9	7
17	Rapid detoxification of dioxin and simultaneous stabilization of targeted heavy metals: New insight into a microwave-induced pyrolysis of fly ash. <i>Chemical Engineering Journal</i> , 2022, 429, 131939.	12.7	6
18	Synthesis of Ag-Cu co-doping sponge iron-based trimetal for boosting simultaneous degradation of combined pollutants. <i>Journal of Hazardous Materials</i> , 2022, 438, 129413.	12.4	6

#	ARTICLE	IF	CITATIONS
19	Novel strategy for enhanced visible light-responsive photoactivity of ZnFe ₂ O ₄ with a single-mode microwave combustion process: Primary parameters. <i>Chemical Engineering Journal</i> , 2022, 440, 135551.	12.7	5