Yongming Ju

List of Publications by Year
in descending order

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19	834	623734	794594
papers	citations	14	19
		h-index	g-index

19	19	19	1104
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rapid detoxification of dioxin and simultaneous stabilization of targeted heavy metals: New insight into a microwave-induced pyrolysis of fly ash. Chemical Engineering Journal, 2022, 429, 131939.	12.7	6
2	Novel strategy for enhanced visible light-responsive photoactivity of ZnFe2O4 with a single-mode microwave combustion process: Primary parameters. Chemical Engineering Journal, 2022, 440, 135551.	12.7	5
3	Synthesis of Ag-Cu co-doping sponge iron-based trimetal for boosting simultaneous degradation of combined pollutants. Journal of Hazardous Materials, 2022, 438, 129413.	12.4	6
4	The influence of a washing pretreatment containing phosphate anions on single-mode microwave-based detoxification of fly ash from municipal solid waste incinerators. Chemical Engineering Journal, 2020, 387, 124053.	12.7	16
5	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. Journal of Hazardous Materials, 2019, 369, 279-289.	12.4	31
6	New insight into the cosolvent effect on the degradation of tetrabromobisphenol A (TBBPA) over millimeter-scale palladised sponge iron (Pd-s-Fe0) particles. Chemical Engineering Journal, 2019, 361, 1423-1436.	12.7	21
7	Synthesis of millimeter-scale sponge Fe/Cu bimetallic particles removing TBBPA and insights of degradation mechanism. Chemical Engineering Journal, 2017, 325, 279-288.	12.7	51
8	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. Journal of Hazardous Materials, 2017, 323, 611-620.	12.4	52
9	Mechanism for the elimination of pollutants from aqueous solutions adopting NiR2O4 (R = Fe, Cr and) Tj ETQq1 1 0.784314 rgBT /Over	7.6	8
10	Environmental application of millimeter-scale sponge iron (s-Fe0) particles (II): The effect of surface copper. Journal of Hazardous Materials, 2015, 287, 325-334.	12.4	25
11	Environmental application of millimetre-scale sponge iron (s-Fe0) particles (III): The effect of surface silver. Journal of Hazardous Materials, 2015, 299, 618-629.	12.4	17
12	Environmental application of millimetre-scale sponge iron (s-Fe0) particles (I): Pretreatment of cationic triphenylmethane dyes. Journal of Hazardous Materials, 2015, 283, 469-479.	12.4	19
13	Could microwave induced catalytic oxidation (MICO) process over CoFe2O4 effectively eliminate brilliant green in aqueous solution?. Journal of Hazardous Materials, 2013, 263, 600-609.	12.4	17
14	Synthesis of surface sulfated BiWO with enhanced photocatalytic performance. Journal of Environmental Sciences, 2012, 24, 2180-2190.	6.1	8
15	Photodegradation of crystal violet in TiO2 suspensions using UVâ€“vis irradiation from two microwave-powered electrodeless discharge lamps (EDL-2): Products, mechanism and feasibility. Journal of Hazardous Materials, 2011, 185, 1489-1498.	12.4	54
16	Microwave induced catalytic degradation of crystal violet in nano-nickel dioxide suspensions. Journal of Hazardous Materials, 2010, 173, 393-400.	12.4	115
17	Microwave photocatalytic degradation of Rhodamine B using TiO2 supported on activated carbon: Mechanism implication. Journal of Environmental Sciences, 2009, 21, 268-272.	6.1	197
18	Microwave-enhanced H2O2-based process for treating aqueous malachite green solutions: Intermediates and degradation mechanism. Journal of Hazardous Materials, 2009, 171, 123-132.	12.4	73

#	Article	IF	Citations
19	Microwave-Assisted Rapid Photocatalytic Degradation of Malachite Green in TiO₂ Suspensions: Mechanism and Pathways. Journal of Physical Chemistry A, 2008, 112, 11172-11177.	2.5	113