Miao Yang

List of Publications by Year
in descending order

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16	351	933447 10	940533 16
papers	citations	h-index	g-index

16	16	16	433
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Catalytic decomposition of hydrogen peroxide on transition metal and lanthanide oxides. Journal of Molecular Catalysis A, 2013, 379, 178-184.	4.8	100
2	Degradation Mechanism of Methylene Blue by H₂O₂ and Synthesized Carbon Nanodots/Graphitic Carbon Nitride/Fe(II) Composite. Journal of Physical Chemistry C, 2019, 123, 26921-26931.	3.1	37
3	Kinetics and mechanisms of reactions between H2O2and copper and copper oxides. Dalton Transactions, 2015, 44, 16045-16051.	3.3	35
4	Kinetic and Mechanistic Study of Rhodamine B Degradation by H2O2 and Cu/Al2O3/g-C3N4 Composite. Catalysts, 2020, 10, 317.	3.5	33
5	Evaluation of the O₂ and pH Effects on Probes for Surface Bound Hydroxyl Radicals. Journal of Physical Chemistry C, 2014, 118, 7971-7979.	3.1	27
6	Kinetics and Mechanism of the Reaction between H₂O₂ and Tungsten Powder in Water. Journal of Physical Chemistry C, 2015, 119, 22560-22569.	3.1	22
7	Effect of pH on the Catalytic Degradation of Rhodamine B by Synthesized CDs/g-C₃N₄/Cu_xO Composites. ACS Omega, 2021, 6, 8119-8130.	3.5	22
8	Kinetic and Mechanistic Study on Catalytic Decomposition of Hydrogen Peroxide on Carbon-Nanodots/Graphitic Carbon Nitride Composite. Catalysts, 2018, 8, 445.	3.5	19
9	Surface reactivity of hydroxyl radicals formed upon catalytic decomposition of H2O2 on ZrO2. Journal of Molecular Catalysis A, 2015, 400, 49-55.	4.8	17
10	Hydroxyl radical production in aerobic aqueous solution containing metallic tungsten. Catalysis Communications, 2015, 71, 93-96.	3.3	11
11	Inhibition of radiation induced dissolution of UO2 by sulfide â€“ A comparison with the hydrogen effect. Journal of Nuclear Materials, 2013, 434, 38-42.	2.7	8
12	Effects of Different Ions and Temperature on Corrosion Behavior of Pure Iron in Anoxic Simulated Groundwater. Materials, 2020, 13, 2713.	2.9	8
13	Heterogeneous irradiation system: enhanced degradation of methylene blue by electron beam irradiation combined with graphite carbon nitride/carbon nanodots. Environmental Science and Pollution Research, 2022, 29, 58762-58772.	5.3	5
14	Effects of Corrosion Products Deposited on 304 Stainless Steel on Reduction of Se (IV/VI) in Simulated Groundwater. Materials, 2022, 15, 2705.	2.9	3
15	Exploring the limitations of the Hantzsch method used for quantification of hydroxyl radicals in systems of relevance for interfacial radiation chemistry. Radiation Physics and Chemistry, 2017, 130, 1-4.	2.8	2
16	Degradation of Organic Dyes Using the Ionizing Irradiation Process in the Presence of the CN/CD₃/Fe₆ Composite: Mechanistic Studies. ACS Omega, 2022, 7, 21418-21432.	3.5	2