

Lihua Zhang

List of Publications by Year in descending order

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papers

300
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933447

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all docs

16
docs citations

16
times ranked

314
citing authors

#	ARTICLE	IF	CITATIONS
1	Tuning Optoelectrical Properties of ZnO Nanorods with Excitonic Defects via Submerged Illumination. Nano Letters, 2017, 17, 2088-2093.	9.1	51
2	Formation of CuO nano-flowered surfaces via submerged photo-synthesis of crystallites and their antimicrobial activity. Scientific Reports, 2017, 7, 1063.	3.3	49
3	Thermoelectric Properties of Combustion-Synthesized Lanthanum-Doped Strontium Titanate. Materials Transactions, 2007, 48, 1079-1083.	1.2	31
4	Thermoelectric Properties of Combustion Synthesized and Spark Plasma Sintered $\text{Sr}_{1-x}\text{R}_x\text{TiO}_{3.5}$ ($\text{R} = \text{Y, La, Sm, Gd, Dy, O}$). Materials Transactions, 2007, 48, 2088-2093.		
5	Solution Plasma-Synthesized Black TiO_2 Nanoparticles for Solar-Driven Thermal Water Evaporation. ACS Applied Nano Materials, 2021, 4, 3940-3948.	5.0	25
6	Photochemistry and the role of light during the submerged photosynthesis of zinc oxide nanorods. Scientific Reports, 2018, 8, 177.	3.3	19
7	Design of Cascaded Oxide Thermoelectric Generator. Materials Transactions, 2008, 49, 1675-1680.	1.2	18
8	Facile synthesis of $\text{ZnFe}_2\text{O}_4/\text{SnO}_2$ composites for efficient photocatalytic degradation of methylene blue. Materials Chemistry and Physics, 2021, 262, 124273.	4.0	18
9	Molten salt-assisted shape modification of CaFe_2O_4 nanorods for highly efficient photocatalytic degradation of methylene blue. Optical Materials, 2021, 119, 111295.	3.6	16
10	Galvanic-submerged photosynthesis of crystallites: Fabrication of ZnO nanorods@ Cu-surface. Applied Surface Science, 2019, 489, 313-320.	6.1	12
11	Zero-Waste Progress for the Synthesis of High-Purity α -Sialon Ceramics from Secondary Aluminum Dross. Advanced Engineering Materials, 2021, 23, 2001298.	3.5	10
12	The origin of opto-functional enhancement in ZnO/CuO nanoforest structure fabricated by submerged photosynthesis. Applied Materials Today, 2022, 26, 101359.	4.3	8
13	Fabrication of Iron Oxide Nanoparticles via Submerged Photosynthesis and the Morphologies under Different Light Sources. ISIJ International, 2019, 59, 2352-2358.	1.4	5
14	Photo- & radio-chromic iron-doped tungstic acids fabricated via submerged photosynthesis. Optical Materials, 2022, 124, 111966.	3.6	5
15	Visualization of aquaionic splitting via iron corrosion. Scientific Reports, 2020, 10, 1726.	3.3	4
16	Fabrication of color-toned micro/nanopattern surface by submerged photosynthesis method. Microelectronic Engineering, 2022, 256, 111727.	2.4	0