

Morteza Golmohammadi

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

563
citations

623734

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839539

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docs citations

18
times ranked

529
citing authors

#	ARTICLE	IF	CITATIONS
1	A Facile Method for the Synthesis of Metal Oxide Nanoparticles in Supercritical Water: Optimized Procedure for Cerium Oxide. <i>Journal of Cluster Science</i> , 2022, 33, 887-893.	3.3	2
2	Biosynthesis of ZnO nanoparticles supported on bentonite and the evaluation of its photocatalytic activity. <i>Materials Research Bulletin</i> , 2022, 149, 111714.	5.2	19
3	Synthesis and characterization of SnO ₂ NPs for photodegradation of eriochrome black-T using response surface methodology. <i>Environmental Science and Pollution Research</i> , 2021, 28, 7123-7133.	5.3	17
4	Facile biosynthesis of SnO ₂ /ZnO nanocomposite using <i>Acroptilon repens</i> flower extract and evaluation of their photocatalytic activity. <i>Ceramics International</i> , 2021, 47, 29303-29308.	4.8	25
5	Green synthesis of SnO ₂ -bentonite nanocomposites for the efficient photodegradation of methylene blue and eriochrome black-T. <i>Materials Chemistry and Physics</i> , 2020, 241, 122416.	4.0	51
6	A green approach to synthesis of ZnO nanoparticles using jujube fruit extract and their application in photocatalytic degradation of organic dyes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 229, 117961.	3.9	123
7	Biosynthesis of tin oxide (SnO ₂) nanoparticles using jujube fruit for photocatalytic degradation of organic dyes. <i>Advanced Powder Technology</i> , 2019, 30, 1551-1557.	4.1	84
8	Decomposition of tributyl phosphate at supercritical water oxidation conditions: Non-catalytic, catalytic, and kinetic reaction studies. <i>Journal of Supercritical Fluids</i> , 2018, 133, 103-113.	3.2	33
9	Catalytic supercritical water destructive oxidation of tributyl phosphate: Study on the effect of operational parameters. <i>Journal of Supercritical Fluids</i> , 2018, 140, 32-40.	3.2	22
10	On the catalysis capability of transition metal oxide nanoparticles in upgrading of heavy petroleum residue by supercritical water. <i>Journal of Supercritical Fluids</i> , 2017, 126, 14-24.	3.2	28
11	A Combined Experimental and Theoretical Approach to Study Temperature and Moisture Dynamic Characteristics of Intermittent Paddy Rice Drying. <i>Chemical Engineering Communications</i> , 2016, 203, 1242-1250.	2.6	9
12	Effect of Polyethylene Glycol (PEG) Powder on Compressibility and Microstructural Properties of Sintered γ -Alumina. <i>Chemical Engineering Communications</i> , 2016, 203, 47-52.	2.6	3
13	Catalytic cracking of heavy petroleum residue in supercritical water: Study on the effect of different metal oxide nanoparticles. <i>Journal of Supercritical Fluids</i> , 2016, 113, 136-143.	3.2	47
14	An investigation into the formation and conversion of metal complexes to metal oxide nanoparticles in supercritical water. <i>Journal of Supercritical Fluids</i> , 2016, 107, 699-706.	3.2	16
15	Energy efficiency investigation of intermittent paddy rice dryer: Modeling and experimental study. <i>Food and Bioproducts Processing</i> , 2015, 94, 275-283.	3.6	34
16	On the Characteristics of Thin-Layer Drying Models for Intermittent Drying of Rough Rice. <i>Chemical Engineering Communications</i> , 2015, 202, 1024-1035.	2.6	17
17	Ag/Amberlyst 15: Novel Adsorbent for Removal of Iodide Compounds From the Acetic Acid Solution. <i>Chemical Engineering Communications</i> , 2015, 202, 993-999.	2.6	3
18	Optimization of Drying and Tempering Periods in a Paddy Rice Dryer. <i>Drying Technology</i> , 2012, 30, 106-113.	3.1	30