Morteza Golmohammadi

List of Publications by Year
in descending order

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18	563	623734	839539
papers	citations	14 h-index	18 g-index

18	18	18	529
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A green approach to synthesis of ZnO nanoparticles using jujube fruit extract and their application in photocatalytic degradation of organic dyes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 229, 117961.	3.9	123
2	Biosynthesis of tin oxide (SnO2) nanoparticles using jujube fruit for photocatalytic degradation of organic dyes. Advanced Powder Technology, 2019, 30, 1551-1557.	4.1	84
3	Green synthesis of SnO2-bentonite nanocomposites for the efficient photodegradation of methylene blue and eriochrome black-T. Materials Chemistry and Physics, 2020, 241, 122416.	4.0	51
4	Catalytic cracking of heavy petroleum residue in supercritical water: Study on the effect of different metal oxide nanoparticles. Journal of Supercritical Fluids, 2016, 113, 136-143.	3.2	47
5	Energy efficiency investigation of intermittent paddy rice dryer: Modeling and experimental study. Food and Bioproducts Processing, 2015, 94, 275-283.	3.6	34
6	Decomposition of tributhyl phosphate at supercritical water oxidation conditions: Non-catalytic, catalytic, and kinetic reaction studies. Journal of Supercritical Fluids, 2018, 133, 103-113.	3.2	33
7	Optimization of Dryingâ€“Tempering Periods in a Paddy Rice Dryer. Drying Technology, 2012, 30, 106-113.	3.1	30
8	On the catalysis capability of transition metal oxide nanoparticles in upgrading of heavy petroleum residue by supercritical water. Journal of Supercritical Fluids, 2017, 126, 14-24.	3.2	28
9	Facile biosynthesis of SnO2/ZnO nanocomposite using Acroptilon repens flower extract and evaluation of their photocatalytic activity. Ceramics International, 2021, 47, 29303-29308.	4.8	25
10	Catalytic supercritical water destructive oxidation of tributyl phosphate: Study on the effect of operational parameters. Journal of Supercritical Fluids, 2018, 140, 32-40.	3.2	22
11	Biosynthesis of ZnO nanoparticles supported on bentonite and the evaluation of its photocatalytic activity. Materials Research Bulletin, 2022, 149, 111714.	5.2	19
12	On the Characteristics of Thin-Layer Drying Models for Intermittent Drying of Rough Rice. Chemical Engineering Communications, 2015, 202, 1024-1035.	2.6	17
13	Synthesis and characterization of SnO2 NPs for photodegradation of eriochrome black-T using response surface methodology. Environmental Science and Pollution Research, 2021, 28, 7123-7133.	5.3	17
14	An investigation into the formation and conversion of metal complexes to metal oxide nanoparticles in supercritical water. Journal of Supercritical Fluids, 2016, 107, 699-706.	3.2	16
15	A Combined Experimental and Theoretical Approach to Study Temperature and Moisture Dynamic Characteristics of Intermittent Paddy Rice Drying. Chemical Engineering Communications, 2016, 203, 1242-1250.	2.6	9
16	Ag/Amberlyst 15: Novel Adsorbent for Removal of Iodide Compounds From the Acetic Acid Solution. Chemical Engineering Communications, 2015, 202, 993-999.	2.6	3
17	Effect of Polyethylene Glycol (PEG) Powder on Compressibility and Microstructural Properties of Sintered Î±-Alumina. Chemical Engineering Communications, 2016, 203, 47-52.	2.6	3
18	A Facile Method for the Synthesis of Metal Oxide Nanoparticles in Supercritical Water: Optimized Procedure for Cerium Oxide. Journal of Cluster Science, 2022, 33, 887-893.	3.3	2