Maryam Haghighi

List of Publications by Year
in descending order

12 papers	167 citations	1307594 7 h-index	1281871 11 g-index
12 all docs	12 docs citations	12 times ranked	190 citing authors

#	Article	IF	Citations
1	Insights to the oxidative desulfurization process of fossil fuels over organic and inorganic heterogeneous catalysts: advantages and issues. Environmental Science and Pollution Research, 2020, 27, 39923-39945.	5.3	38
2	ZnO nanorods: Efficient and reusable catalysts for the synthesis of substituted imidazoles in water. Journal of Taibah University for Science, 2015, 9, 570-578.	2.5	32
3	Nano TiO2/SiO2: An efficient and reusable catalyst for the synthesis of oxindole derivatives. Journal of Saudi Chemical Society, 2016, 20, 101-106.	5.2	28
4	Exergy analysis and optimization of a high temperature proton exchange membrane fuel cell using genetic algorithm. Case Studies in Thermal Engineering, 2016, 8, 207-217.	5.7	27
5	Oxidative desulfurization of dibenzothiophenes over metallic and bimetallic supported ZSM-11 catalysts: xLa/yMo-ZSM-11 as an efficient bimetallic catalyst. Inorganic Chemistry Communication, 2019, 106, 61-69.	3.9	11
6	Estimation of effective thermal conductivity enhancement using foam in heat exchangers based on a new analytical model. Brazilian Journal of Chemical Engineering, 2010, 27, 127-135.	1.3	8
7	A new approach to modeling the effective thermal conductivity of ceramics porous media using a generalized self-consistent method. Heat and Mass Transfer, 2017, 53, 321-330.	2.1	8
8	Nano MgBi2O4: A Novel Green Catalyst for the One-step Cascade Condensation of Arylamines, Acetone and Isatins in Water. Journal of Chemical Sciences, 2016, 128, 1805-1811.	1.5	6
9	Preparation, characterization, and catalytic application of metallic nanocrystalline MgAl2O4 in the synthesis of 3-hydroxy-3-indolyl-indolin-2-ones, symmetrical and unsymmetrical 3,3â€²-bis(indolyl)indolin-2-ones, and 3,3â€²-bis(indolyl)methanes. Arabian Journal of Chemistry, 2019, 12, 3776-3784.	4.9	6
10	Au-O-MWCNTs and TiO2-O-MWCNTs as Efficient Nanocarriers for Dexamethasone: Adsorption Isotherms and Kinetic Studies. International Journal of Chemical Engineering, 2021, 2021, 1-19.	2.4	2
11	Silica Coating of Metal-Loaded H-ZSM-22 to Form the Core-Shell Nanostructures: Characterization, Textural Properties, and Catalytic Potency in the Esterification of Oleic Acid. International Journal of Chemical Engineering, 2021, 2021, 1-16.	2.4	1
12	Enhanced catalytic cracking of tetradecane over nano-structure porous ZSM-5 and ZSM-11 catalysts. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2021, 263, 114894.	3.5	0