

# Maryam Haghighi

## List of Publications by Year in descending order

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Version: 2024-02-01

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