

Zuhair Malaibari

List of Publications by Year in descending order

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28
papers

764
citations

623734

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526287

27
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28
all docs

28
docs citations

28
times ranked

1096
citing authors

#	ARTICLE	IF	CITATIONS
1	Green in-situ incorporation of metals in chabazite (CHA) zeolite. Microporous and Mesoporous Materials, 2021, 326, 111375.	4.4	5
2	An experimental study on stability and thermal conductivity of water/CNTs nanofluids using different surfactants: A comparison study. Journal of Molecular Liquids, 2020, 304, 111025.	4.9	86
3	Effects of metal support interaction on dry reforming of methane over Ni/Al ₂ O ₃ catalysts. Canadian Journal of Chemical Engineering, 2020, 98, 2425-2434.	1.7	12
4	OSDA-free chabazite (CHA) zeolite synthesized in the presence of fluoride for selective methanol-to-olefins. Microporous and Mesoporous Materials, 2019, 274, 277-285.	4.4	31
5	Recent Advances in Heavy Oil Upgrading Using Dispersed Catalysts. Energy & Fuels, 2019, 33, 7917-7949.	5.1	71
6	A Comprehensive Review Covering Conventional and Structured Catalysis for Methanol to Propylene Conversion. Catalysis Letters, 2019, 149, 3395-3424.	2.6	22
7	Catalytic Synthesis of High Aspect Ratio Al ₂ O ₃ Impregnated Carbon Nanotubes Used to Improve Thermophysical Properties of Nanofluids with A Case Study on an Industrial Gasoline-water Heat Exchanger. Materials Express, 2019, 9, 85-98.	0.5	0
8	Novel (Co,Ni)-p-tert-Butylcalix[4]arenes as Dispersed Catalysts for Heavy Oil Upgrading: Synthesis, Characterization, and Performance Evaluation. Energy & Fuels, 2019, 33, 561-573.	5.1	13
9	Microwave-Assisted Hydrothermal Synthesis of CHA Zeolite for Methanol-to-Olefins Reaction. Industrial & Engineering Chemistry Research, 2019, 58, 60-68.	3.7	19
10	Kinetics of the synergy effects in heavy oil upgrading using novel Ni-p-tert-butylcalix[4]arene as a dispersed catalyst with a supported catalyst. Fuel Processing Technology, 2019, 185, 158-168.	7.2	12
11	Selective Production of Propylene from Methanol over Monolith-Supported Modified ZSM-5 Catalysts. Energy & Fuels, 2019, 33, 1458-1466.	5.1	9
12	Surface Characterization of Mild Steel During Atmospheric Corrosion After Being Treated by Sodium Dihydrogen Orthophosphate. Protection of Metals and Physical Chemistry of Surfaces, 2018, 54, 926-933.	1.1	1
13	Effect of MWCNTs surface properties on lipase immobilization and its catalytic activity. Materials Express, 2018, 8, 123-132.	0.5	2
14	Hydrogen Production through Steam Reforming of Diesel over Highly Efficient Promoted Ni/Al ₂ O ₃ Catalysts Containing Lanthanide Series (La, Ce, Eu, Pr, and Gd) Promoters. Energy & Fuels, 2018, 32, 7054-7065.	5.1	27
15	Syngas production from CO ₂ reforming of methane over Ni supported on hierarchical silicalite-1 fabricated by microwave-assisted hydrothermal synthesis. International Journal of Hydrogen Energy, 2018, 43, 13177-13189.	7.1	31
16	Catalytic Synthesis of Substrate-Free, Aligned and Tailored High Aspect Ratio Multiwall Carbon Nanotubes in an Ultrasonic Atomization Head CVD Reactor. Journal of Nanomaterials, 2016, 2016, 1-10.	2.7	6
17	(ⁿ BuCp) ₂ ZrCl ₂ -catalyzed ethylene-4M1P copolymerization: Copolymer backbone structure, melt behavior, and crystallization. AIChE Journal, 2016, 62, 1688-1706.	3.6	9
18	Photovoltaic improvement and charge recombination reduction by aluminum oxide impregnated MWCNTs/TiO ₂ based photoanode for dye-sensitized solar cells. Electrochimica Acta, 2016, 203, 162-170.	5.2	28

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19	Outstanding adsorption performance of high aspect ratio and super-hydrophobic carbon nanotubes for oil removal. <i>Chemosphere</i> , 2016, 164, 142-155.	8.2	79
20	Surface characterization of mild steel exposed to atmosphere after being treated by sodium benzoate and dicyclohexylamine nitrite. <i>Anti-Corrosion Methods and Materials</i> , 2016, 63, 337-346.	1.5	3
21	Electrochemical reduction of CO ₂ to methanol over MWCNTs impregnated with Cu ₂ O. <i>Chemical Engineering Science</i> , 2016, 152, 468-477.	3.8	86
22	Metallocene-catalyzed ethylene-1-octene isomeric copolymerization: A perspective from hydrodynamic boundary layer mass transfer and design of MAO anion. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 60, 92-105.	5.3	4
23	Microwave assisted growth of SAPO-34 on γ -SiC foams for methanol dehydration to dimethyl ether. <i>Chemical Engineering Journal</i> , 2015, 274, 113-122.	12.7	52
24	Effect of interactions between Ni and Mo on catalytic properties of a bimetallic Ni-Mo/Al ₂ O ₃ propane reforming catalyst. <i>Applied Catalysis A: General</i> , 2015, 490, 80-92.	4.3	62
25	Performance characteristics of Mo-Ni/Al ₂ O ₃ catalysts in LPG oxidative steam reforming for hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 10061-10073.	7.1	38
26	Corrosion of inhibitor treated mild steel immersed in distilled water and a simulated salt solution. <i>Anti-Corrosion Methods and Materials</i> , 2013, 60, 227-233.	1.5	7
27	Hydrogen production by methane cracking using Ni-supported catalysts in a fluidized bed. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 10690-10701.	7.1	43
28	Investigation of atmospheric corrosion of mild steel after treatment by several inhibitor solutions. <i>Corrosion Engineering Science and Technology</i> , 2007, 42, 112-118.	1.4	6