

Mohammad A Ali

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

660
citations

759233

12
h-index

642732

23
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23
all docs

23
docs citations

23
times ranked

945
citing authors

#	ARTICLE	IF	CITATIONS
1	Photodegradation of Rhodamine B over unexcited semiconductor compounds of BiOCl and BiOBr. Journal of Colloid and Interface Science, 2012, 377, 291-298.	9.4	172
2	Adsorption and degradation performance of Rhodamine B over BiOBr under monochromatic 532nm pulsed laser exposure. Applied Catalysis A: General, 2011, 397, 192-200.	4.3	95
3	Pd@Au nanoparticles supported by TiO ₂ fibers for catalytic NO decomposition by CO. Journal of Industrial and Engineering Chemistry, 2016, 33, 91-98.	5.8	62
4	UV light enabled photocatalytic activity of γ -Fe ₂ O ₃ nanoparticles synthesized via phase transformation. Materials Letters, 2020, 258, 126748.	2.6	50
5	CO ₂ Conversion into Methanol Using Granular Silicon Carbide (γ -SiC): A Comparative Evaluation of 355Ånm Laser and Xenon Mercury Broad Band Radiation Sources. Catalysis Letters, 2013, 143, 108-117.	2.6	44
6	A comparison between γ - and USY-zeolite-based hydrocracking catalysts. Applied Catalysis A: General, 2001, 220, 59-68.	4.3	40
7	Comparison of Activity and Selectivity of SSZ-33 Based Catalyst with other Zeolites in Toluene Disproportionation. Topics in Catalysis, 2009, 52, 140-147.	2.8	26
8	Pulsed laser-induced photocatalytic reduction of greenhouse gas CO ₂ into methanol: A value-added hydrocarbon product over SiC. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2012, 47, 1571-1576.	1.7	26
9	Highly photocatalytic active r-GO/Fe ₃ O ₄ nanocomposites development for enhanced photocatalysis application: A facile low-cost preparation and characterization. Ceramics International, 2021, 47, 31973-31982.	4.8	25
10	A Comprehensive Review Covering Conventional and Structured Catalysis for Methanol to Propylene Conversion. Catalysis Letters, 2019, 149, 3395-3424.	2.6	22
11	Ni-Mo-Titania-Alumina Catalysts with USY Zeolite for Low Pressure Hydrodesulfurization and Hydrocracking. Petroleum Science and Technology, 2009, 27, 984-997.	1.5	19
12	HYDROCARBON GROUP TYPES ANALYSIS OF PETROLEUM PRODUCTS: A COMPARATIVE EVALUATION OF HPLC AND TLC ANALYTICAL PERFORMANCE. Petroleum Science and Technology, 2002, 20, 751-762.	1.5	15
13	On the calibration and applicability of global solar radiation models based on temperature extremities in India. Environmental Progress and Sustainable Energy, 2020, 39, 13236.	2.3	10
14	A comprehensive and updated review of studies on the oxidation of cyclohexane to produce ketone-alcohol (KA) oil. Reviews in Chemical Engineering, 2022, 38, 769-797.	4.4	10
15	Selective Production of Propylene from Methanol over Monolith-Supported Modified ZSM-5 Catalysts. Energy & Fuels, 2019, 33, 1458-1466.	5.1	9
16	Liquid Phase Selective Hydrogenation of Phenol to Cyclohexanone over Electrospun Pd/PVDF-HFP Catalyst. Fibers, 2019, 7, 28.	4.0	8
17	An Updated Comprehensive Literature Review of Phenol Hydrogenation Studies. Catalysis Letters, 2022, 152, 1555-1581.	2.6	7
18	An Appraisal of Hydrocarbons Conversion Reactions During Naphtha Reforming Process. Petroleum Science and Technology, 2007, 25, 1321-1331.	1.5	6

#	ARTICLE	IF	CITATIONS
19	Polarized Catalytic Polymer Nanofibers. <i>Materials</i> , 2019, 12, 2859.	2.9	6
20	Resolution and Quantification of Ring Type Aromatics by HPLC Method Using n-Hexane Elution. <i>Petroleum Science and Technology</i> , 2003, 21, 963-970.	1.5	4
21	NONAQUEOUS POTENTIOMETRIC TITRATION AND ELEMENTAL ANALYSIS OF HIGH-BOILING DISTILLATES OF SAUDI ARABIAN CRUDE OILS.. <i>Petroleum Science and Technology</i> , 1988, 6, 663-685.	0.2	2
22	Comparative Evaluation of Nanoporous Hydrocracking Catalysts in Fixed-Bed and Swing-Batch Reaction Systems. <i>Petroleum Science and Technology</i> , 2007, 25, 1333-1345.	1.5	1
23	Disproportionation of Toluene: Enhanced Para-Xylene Selectivity Over Modified HZSM-5. <i>Current Catalysis</i> , 2013, 2, 96-110.	0.5	1