

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
g-index

23
all docs

23
docs citations

23
times ranked

945
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | A comprehensive and updated review of studies on the oxidation of cyclohexane to produce ketone-alcohol (KA) oil. <i>Reviews in Chemical Engineering</i> , 2022, 38, 769-797. | 4.4 | 10 |
| 2 | An Updated Comprehensive Literature Review of Phenol Hydrogenation Studies. <i>Catalysis Letters</i> , 2022, 152, 1555-1581. | 2.6 | 7 |
| 3 | Highly photocatalytic active r-GO/Fe ₃ O ₄ nanocomposites development for enhanced photocatalysis application: A facile low-cost preparation and characterization. <i>Ceramics International</i> , 2021, 47, 31973-31982. | 4.8 | 25 |
| 4 | On the calibration and applicability of global solar radiation models based on temperature extremities in India. <i>Environmental Progress and Sustainable Energy</i> , 2020, 39, 13236. | 2.3 | 10 |
| 5 | UV light enabled photocatalytic activity of $\hat{\pm}$ -Fe ₂ O ₃ nanoparticles synthesized via phase transformation. <i>Materials Letters</i> , 2020, 258, 126748. | 2.6 | 50 |
| 6 | A Comprehensive Review Covering Conventional and Structured Catalysis for Methanol to Propylene Conversion. <i>Catalysis Letters</i> , 2019, 149, 3395-3424. | 2.6 | 22 |
| 7 | Polarized Catalytic Polymer Nanofibers. <i>Materials</i> , 2019, 12, 2859. | 2.9 | 6 |
| 8 | Liquid Phase Selective Hydrogenation of Phenol to Cyclohexanone over Electrospun Pd/PVDF-HFP Catalyst. <i>Fibers</i> , 2019, 7, 28. | 4.0 | 8 |
| 9 | Selective Production of Propylene from Methanol over Monolith-Supported Modified ZSM-5 Catalysts. <i>Energy & Fuels</i> , 2019, 33, 1458-1466. | 5.1 | 9 |
| 10 | Pd $\hat{\pm}$ Au nanoparticles supported by TiO ₂ fibers for catalytic NO decomposition by CO. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 33, 91-98. | 5.8 | 62 |
| 11 | CO ₂ Conversion into Methanol Using Granular Silicon Carbide ($\hat{\pm}$ 6H-SiC): A Comparative Evaluation of 355Ånm Laser and Xenon Mercury Broad Band Radiation Sources. <i>Catalysis Letters</i> , 2013, 143, 108-117. | 2.6 | 44 |
| 12 | Disproportionation of Toluene: Enhanced Para-Xylene Selectivity Over Modified HZSM-5. <i>Current Catalysis</i> , 2013, 2, 96-110. | 0.5 | 1 |
| 13 | Pulsed laser-induced photocatalytic reduction of greenhouse gas CO ₂ into methanol: A value-added hydrocarbon product over SiC. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2012, 47, 1571-1576. | 1.7 | 26 |
| 14 | Photodegradation of Rhodamine B over unexcited semiconductor compounds of BiOCl and BiOBr. <i>Journal of Colloid and Interface Science</i> , 2012, 377, 291-298. | 9.4 | 172 |
| 15 | Adsorption and degradation performance of Rhodamine B over BiOBr under monochromatic 532nm pulsed laser exposure. <i>Applied Catalysis A: General</i> , 2011, 397, 192-200. | 4.3 | 95 |
| 16 | Ni-Mo-Titania-Alumina Catalysts with USY Zeolite for Low Pressure Hydrodesulfurization and Hydrocracking. <i>Petroleum Science and Technology</i> , 2009, 27, 984-997. | 1.5 | 19 |
| 17 | Comparison of Activity and Selectivity of SSZ-33 Based Catalyst with other Zeolites in Toluene Disproportionation. <i>Topics in Catalysis</i> , 2009, 52, 140-147. | 2.8 | 26 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | An Appraisal of Hydrocarbons Conversion Reactions During Naphtha Reforming Process. Petroleum Science and Technology, 2007, 25, 1321-1331. | 1.5 | 6 |
| 20 | Resolution and Quantification of Ring Type Aromatics by HPLC Method Usingn-Hexane Elution. Petroleum Science and Technology, 2003, 21, 963-970. | 1.5 | 4 |
| 21 | 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 |
| 22 | A comparison between \hat{I}^2 - and USY-zeolite-based hydrocracking catalysts. Applied Catalysis A: General, 2001, 220, 59-68. | 4.3 | 40 |
| 23 | NONAQUEOUS POTENTIOMETRIC TITRATION AND ELEMENTAL ANALYSIS OF HIGH-BOILING DISTILLATES OF SAUDI ARABIAN CRUDE OILS.. Petroleum Science and Technology, 1988, 6, 663-685. | 0.2 | 2 |