

Rabya Aslam

List of Publications by Year in descending order

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papers

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687363
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22
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389
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental Measurement and Correlations of High Pressure Density Data for potential Liquid Organic Hydrogen Carriers. <i>International Journal of Thermophysics</i> , 2021, 42, 1.	2.1	1
2	Conversion of poultry-fat waste to a sustainable feedstock for biodiesel production via microbubble injection of reagent vapor. <i>Journal of Cleaner Production</i> , 2021, 311, 127525.	9.3	17
3	Correction to "Thermophysical Studies of Dibenzyltoluene and Its Partially and Fully Hydrogenated Derivatives". <i>Journal of Chemical & Engineering Data</i> , 2021, 66, 858-858.	1.9	0
4	Water Removal from LOHC Systems. <i>Hydrogen</i> , 2020, 1, 1-10.	3.4	1
5	An exclusive kinetic model for the methylcyclohexane dehydrogenation over alumina-supported Pt catalysts. <i>International Journal of Chemical Kinetics</i> , 2020, 52, 415-449.	1.6	11
6	Densities and Thermal Expansion Coefficients of Pure Methylcyclohexane, 1-Methylcyclohexene, 4-Methylcyclohexene, 1-Methyl-1,4-cyclohexadiene, and Toluene and Binary Mixtures of Methylcyclohexane and Toluene at 283.15 K to 358.15 K and 1 atm. <i>International Journal of Thermophysics</i> , 2020, 41, 1.	2.1	3
7	Composite zeolite beta catalysts for catalytic hydrocracking of plastic waste to liquid fuels. <i>Materials for Renewable and Sustainable Energy</i> , 2020, 9, 1.	3.6	26
8	Recent Progress in Textile-Based Flexible Supercapacitor. <i>Frontiers in Materials</i> , 2020, 7, .	2.4	31
9	Simulation Study to Investigate the Effects of Operational Conditions on Methylcyclohexane Dehydrogenation for Hydrogen Production. <i>Energies</i> , 2020, 13, 206.	3.1	23
10	Integration of hydrogenation and dehydrogenation system for hydrogen storage and electricity generation – simulation study. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 20213-20222.	7.1	25
11	Biodiesel production intensification through microbubble mediated esterification. <i>Fuel</i> , 2019, 253, 25-31.	6.4	27
12	Thermophysical Studies of Dibenzyltoluene and Its Partially and Fully Hydrogenated Derivatives. <i>Journal of Chemical & Engineering Data</i> , 2018, 63, 4580-4587.	1.9	36
13	Experimental assessment of the degree of hydrogen loading for the dibenzyl toluene based LOHC system. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 22097-22103.	7.1	72
14	Hydrogenation of the liquid organic hydrogen carrier compound dibenzyltoluene – reaction pathway determination by ¹ H NMR spectroscopy. <i>Reaction Chemistry and Engineering</i> , 2016, 1, 313-320.	3.7	87
15	A comparative study of LHHW and ER kinetic models for NO oxidation over Co ₃ O ₄ catalyst. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 2871-2877.	6.7	9
16	Measurement of Hydrogen Solubility in Potential Liquid Organic Hydrogen Carriers. <i>Journal of Chemical & Engineering Data</i> , 2016, 61, 643-649.	1.9	46
17	Development of a liquid chromatographic method for the separation of a liquid organic hydrogen carrier mixture. <i>Separation and Purification Technology</i> , 2016, 163, 140-144.	7.9	17
18	Separation of Aeruginosin-865 from Cultivated Soil Cyanobacterium (<i>Nostoc</i> sp.) by Centrifugal Partition Chromatography combined with Gel Permeation Chromatography. <i>Natural Product Communications</i> , 2015, 10, 1934578X1501001.	0.5	1

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19	Experimental Study of Solubility of Water in Liquid Organic Hydrogen Carriers. Journal of Chemical & Engineering Data, 2015, 60, 1997-2002.	1.9	13
20	Dehydrogenation-hydrogenation of methylcyclohexane-toluene system on 1.0 wt% Pt/zeolite beta catalyst. Progress in Reaction Kinetics and Mechanism, 2015, 40, 353-366.	2.1	18
21	Dehydrogenation of Methylcyclohexane for On-Board Hydrogen Use: Initial Rate Kinetics Over 1.0 wt% Pt/ γ -Al ₂ O ₃ . Arabian Journal for Science and Engineering, 2014, 39, 615-620.	1.1	7
22	Poly(vinyl alcohol): An Economical Substitute to Calcium Lignosulphonate for PVC/PET Separation by Froth Flotation. Asian Journal of Chemistry, 2013, 25, 7509-7512.	0.3	3