

Komal Kumar

List of Publications by Year in descending order

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1307594

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8
docs citations

8
times ranked

176
citing authors

#	ARTICLE	IF	CITATIONS
1	Cellulose conversion to biofuel precursors using conjugated ionic liquid catalyst: An experimental and DFT study. Applied Catalysis A: General, 2021, 610, 117951.	4.3	11
2	Catalytic Conversion of Glucose into Levulinic Acid Using 2-Phenyl-2-Imidazoline Based Ionic Liquid Catalyst. Molecules, 2021, 26, 348.	3.8	13
3	Synthesis of an oxygenated fuel additive from a waste biomass derived aldehyde using a green catalyst: an experimental and DFT study. Sustainable Energy and Fuels, 2020, 4, 2924-2936.	4.9	9
4	2nd generation biomass derived glucose conversion to 5-hydroxymethylfurfural and levulinic acid catalyzed by ionic liquid and transition metal sulfate: Elucidation of kinetics and mechanism. Journal of Cleaner Production, 2020, 256, 120292.	9.3	38
5	Synergistic Bronsted-Lewis Acidity Effect on Upgrading Biomass-Derived Phenolic Compounds: Statistical Optimization of Process Parameters, Kinetic Investigations and DFT Study. ChemistrySelect, 2018, 3, 634-647.	1.5	7
6	Hydrothermal conversion of glucose to levulinic acid using multifunctional ionic liquids: effects of metal ion co-catalysts on the product yield. New Journal of Chemistry, 2018, 42, 228-236.	2.8	33
7	Upgrading of HMF and Biomass-Derived Acids into HMF Esters Using Bifunctional Ionic Liquid Catalysts under Solvent Free Conditions. ChemistrySelect, 2018, 3, 6242-6248.	1.5	22