

Mi Lu

List of Publications by Year in descending order

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11
papers

423
citations

1163117

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1281871

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666
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Efficient Hydrogen Storage System Based on Ammonium Bicarbonate/Formate Redox Equilibrium over Palladium Nanocatalysts. <i>ChemSusChem</i> , 2015, 8, 813-816.	6.8	125
2	Biomass characterization of Agave and Opuntia as potential biofuel feedstocks. <i>Biomass and Bioenergy</i> , 2015, 76, 43-53.	5.7	97
3	High yield production of formate by hydrogenating CO ₂ derived ammonium carbamate/carbonate at room temperature. <i>Green Chemistry</i> , 2015, 17, 2769-2773.	9.0	81
4	Highly efficient conversion of terpenoid biomass to jet-fuel range cycloalkanes in a biphasic tandem catalytic process. <i>Green Chemistry</i> , 2017, 19, 3566-3573.	9.0	33
5	Simultaneously Converting Carbonate/Bicarbonate and Biomass to Value-added Carboxylic Acid Salts by Aqueous-phase Hydrogen Transfer. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 195-203.	6.7	26
6	Renewable energy storage <i>via</i> efficient reversible hydrogenation of piperidine captured CO ₂ . <i>Green Chemistry</i> , 2018, 20, 4292-4298.	9.0	21
7	Surface-Engineered Inorganic Nanoporous Membranes for Vapor and Pervaporative Separations of Water/Ethanol Mixtures. <i>Membranes</i> , 2018, 8, 95.	3.0	11
8	Novel porous ceramic tube-supported polymer layer membranes for acetic acid/water separation by pervaporation dewatering. <i>Separation and Purification Technology</i> , 2020, 236, 116312.	7.9	10
9	Selective adsorption removal of carbonyl molecular foulants from real fast pyrolysis bio-oils. <i>Biomass and Bioenergy</i> , 2020, 136, 105522.	5.7	10
10	Acetic Acid/Propionic Acid Conversion on Metal Doped Molybdenum Carbide Catalyst Beads for Catalytic Hot Gas Filtration. <i>Catalysts</i> , 2018, 8, 643.	3.5	8
11	Computational and Experimental Study for the Denitrification of Biomass-Derived Hydrothermal Liquefaction Oil. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 13406-13413.	6.7	1