

Junzhe Wang

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

219
citations

1307594

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1720034

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docs citations

7
times ranked

88
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective production of γ -valerolactone or 1,4-pentanediol from levulinic acid/esters over Co-based catalyst: Importance of the synergy of hydrogenation sites and acidic sites. <i>Chemical Engineering Journal</i> , 2022, 429, 132433.	12.7	55
2	Selective conversion of levulinic acid to gamma-valerolactone over Ni-based catalysts: Impacts of catalyst formulation on sintering of nickel. <i>Chemical Engineering Science</i> , 2022, 248, 117258.	3.8	12
3	Cu-Based Nanoparticles as Catalysts for Selective Hydrogenation of Biomass-Derived 5-Hydroxymethylfurfural to 1,2-Hexanediol. <i>ACS Applied Nano Materials</i> , 2022, 5, 5882-5894.	5.0	9
4	Synthesis of a Thermally and Hydrothermally Stable Copper-Based Catalyst via Alloying of Cu with Ni and Zn for Catalyzing Conversion of Furfural into Cyclopentanone. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 8763-8777.	6.7	12
5	Selective hydrogenation of furfural and its derivative over bimetallic NiFe-based catalysts: Understanding the synergy between Ni sites and Ni-Fe alloy. <i>Renewable Energy</i> , 2021, 170, 1114-1128.	8.9	47
6	Selective Conversion of Furfural into Diols over Co-Based Catalysts: Importance of the Coordination of Hydrogenation Sites and Basic Sites. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 10393-10406.	3.7	21
7	Importance of Magnesium in Cu-Based Catalysts for Selective Conversion of Biomass-Derived Furan Compounds to Diols. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 5217-5228.	6.7	63