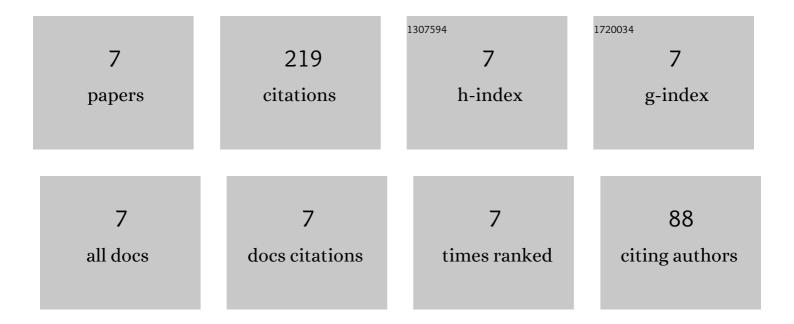
Junzhe Wang

List of Publications by Year in descending order

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LUNZHE WANC

#	Article	IF	CITATIONS
1	Selective production of Î ³ -valerolactone or 1,4-pentanediol from levulinic acid/esters over Co-based catalyst: Importance of the synergy of hydrogenation sites and acidic sites. Chemical Engineering Journal, 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. Chemical Engineering Science, 2022, 248, 117258.	3.8	12
3	Cu-Based Nanoparticles as Catalysts for Selective Hydrogenation of Biomass-Derived 5-Hydroxymethylfurfural to 1,2-Hexanediol. ACS Applied Nano Materials, 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. ACS Sustainable Chemistry and Engineering, 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. Renewable Energy, 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. Industrial & Engineering Chemistry Research, 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. ACS Sustainable Chemistry and Engineering, 2020, 8, 5217-5228.	6.7	63