

Guoming Gao

List of Publications by Year in descending order

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8
papers

91
citations

1684188
5
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1872680
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all docs

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docs citations

8
times ranked

107
citing authors

#	ARTICLE	IF	CITATIONS
1	Synergetic effects of hydrogenation and acidic sites in phosphorus-modified nickel catalysts for the selective conversion of furfural to cyclopentanone. <i>Catalysis Science and Technology</i> , 2021, 11, 575-593.	4.1	25
2	Hydrogen-bonded frameworks crystals-assisted synthesis of flower-like carbon materials with penetrable meso/macropores from heavy fraction of bio-oil for Zn-ion hybrid supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2021, 600, 681-690.	9.4	22
3	Sulfated Zirconia with Different Crystal Phases for the Production of Ethyl Levulinate and 5-Hydroxymethylfurfural. <i>Energy Technology</i> , 2020, 8, 1900951.	3.8	15
4	Crystal facet-dependent activity of h-WO ₃ for selective conversion of furfuryl alcohol to ethyl levulinate. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 26923-26934.	2.8	12
5	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
6	Hydrogenation of biomass derivatives over Ni/clay catalyst: significant impacts of the treatment of clay with NaOH on the reaction network. <i>Journal of Chemical Technology and Biotechnology</i> , 2021, 96, 2569-2578.	3.2	3
7	Carbon materials derived from polymerization of bio-oil as a catalyst for the reduction of nitrobenzene. <i>Sustainable Energy and Fuels</i> , 0, , .	4.9	2
8	Hydrothermal treatment of furfural and sugar monomers and oligomers: a model-compound approach to probe the cross-polymerization reactions in heating bio-oil. <i>Biomass Conversion and Biorefinery</i> , 2024, 14, 4729-4742.	4.6	0