

Chang Liu

List of Publications by Year in descending order

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11
papers

171
citations

1307594
7
h-index

1281871
11
g-index

11
all docs

11
docs citations

11
times ranked

220
citing authors

#	ARTICLE	IF	CITATIONS
1	Gallium nitride catalyzed the direct hydrogenation of carbon dioxide to dimethyl ether as primary product. Nature Communications, 2021, 12, 2305.	12.8	45
2	Impact of potassium content on the structure of molybdenum nanophases in alumina supported catalysts and their performance in carbon monoxide hydrogenation. Applied Catalysis A: General, 2015, 504, 565-575.	4.3	28
3	Balancing free and confined metallic Ni for an active and stable catalyst—A case study of CO methanation over Ni/NiO/Al ₂ O ₃ . Journal of Energy Chemistry, 2020, 50, 73-84.	12.9	19
4	Potassium promotion effects in carbon nanotube supported molybdenum sulfide catalysts for carbon monoxide hydrogenation. Catalysis Today, 2016, 261, 137-145.	4.4	16
5	Acid activated montmorillonite for gas-phase catalytic dehydration of monoethanolamine. Applied Clay Science, 2019, 168, 116-124.	5.2	15
6	Catalytic Oxidative Dehydrogenation of n-Butane on Gallium Nitride-Containing Titanosilicate Catalyst. Canadian Journal of Chemical Engineering, 2019, 97, 3115-3124.	1.7	13
7	Amorphous silica-alumina composite with regulated acidity for efficient production of hydrogen via steam reforming of dimethyl ether. Catalysis Today, 2020, 351, 68-74.	4.4	11
8	Direct Synthesis of the Reduced Co ₂ /SiO ₂ As an Efficient Catalyst for Fischer-Tropsch Synthesis. Industrial & Engineering Chemistry Research, 2018, 57, 1137-1145.	3.7	7
9	Flame-spray-pyrolysis amorphous alumina-silica for tailoring the product distribution of Fischer-Tropsch synthesis. Catalysis Today, 2020, 339, 40-47.	4.4	6
10	Elucidating the layer-number impact of MoS ₂ on the adsorption and hydrogenation of CO. Journal of Catalysis, 2021, 404, 258-272.	6.2	6
11	The Active Nature of Crystal MoS ₂ for Converting Sulfur-Containing Syngas. ChemCatChem, 2019, 11, 1112-1122.	3.7	5