

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