

Jian Wei

List of Publications by Year in descending order

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14
papers

1,592
citations

840585

11
h-index

1058333

14
g-index

14
all docs

14
docs citations

14
times ranked

1499
citing authors

#	ARTICLE	IF	CITATIONS
1	Directly converting CO ₂ into a gasoline fuel. Nature Communications, 2017, 8, 15174.	5.8	652
2	New insights into the effect of sodium on Fe ₃ O ₄ -based nanocatalysts for CO ₂ hydrogenation to light olefins. Catalysis Science and Technology, 2016, 6, 4786-4793.	2.1	198
3	Towards the development of the emerging process of CO ₂ heterogenous hydrogenation into high-value unsaturated heavy hydrocarbons. Chemical Society Reviews, 2021, 50, 10764-10805.	18.7	161
4	Catalytic Hydrogenation of CO ₂ to Isoparaffins over Fe-Based Multifunctional Catalysts. ACS Catalysis, 2018, 8, 9958-9967.	5.5	141
5	Directly converting carbon dioxide to linear $\hat{\pm}$ -olefins on bio-promoted catalysts. Communications Chemistry, 2018, 1, .	2.0	123
6	Interfacing with Carbonaceous Potassium Promoters Boosts Catalytic CO ₂ Hydrogenation of Iron. ACS Catalysis, 2020, 10, 12098-12108.	5.5	101
7	Precisely regulating Brønsted acid sites to promote the synthesis of light aromatics via CO ₂ hydrogenation. Applied Catalysis B: Environmental, 2021, 283, 119648.	10.8	79
8	Monometallic iron catalysts with synergistic Na and S for higher alcohols synthesis via CO ₂ hydrogenation. Applied Catalysis B: Environmental, 2021, 298, 120556.	10.8	55
9	Highly stable Sr and Na co-decorated Fe catalyst for high-valued olefin synthesis from CO ₂ hydrogenation. Applied Catalysis B: Environmental, 2022, 316, 121640.	10.8	24
10	Isoparaffin-rich gasoline synthesis from DME over Ni-modified HZSM-5. Catalysis Science and Technology, 2016, 6, 8089-8097.	2.1	15
11	Structure sensitivity of iron oxide catalyst for CO ₂ hydrogenation. Catalysis Today, 2021, 371, 134-141.	2.2	13
12	Fischer-Tropsch synthesis over iron catalysts with corncob-derived promoters. Journal of Energy Chemistry, 2017, 26, 632-638.	7.1	11
13	Highly selective production of long-chain aldehydes, ketones or alcohols via syngas at a mild condition. Applied Catalysis B: Environmental, 2022, 307, 121155.	10.8	11
14	Sputtering FeCu nanoalloys as active sites for alkane formation in CO ₂ hydrogenation. Journal of Energy Chemistry, 2022, 70, 162-173.	7.1	8