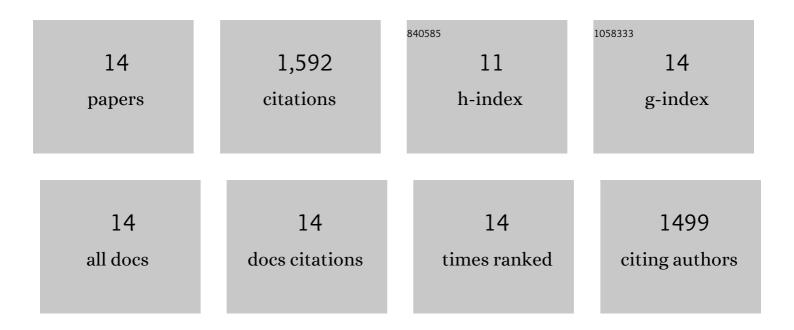
## Jian Wei

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4693512/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Directly converting CO2 into a gasoline fuel. Nature Communications, 2017, 8, 15174.	5.8	652
2	New insights into the effect of sodium on Fe <sub>3</sub> O <sub>4</sub> - based nanocatalysts for CO <sub>2</sub> 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 <sub>2</sub> heterogenous hydrogenation into high-value unsaturated heavy hydrocarbons. Chemical Society Reviews, 2021, 50, 10764-10805.	18.7	161
4	Catalytic Hydrogenation of CO <sub>2</sub> to Isoparaffins over Fe-Based Multifunctional Catalysts. ACS Catalysis, 2018, 8, 9958-9967.	5.5	141
5	Directly converting carbon dioxide to linear $\hat{l}\pm$ -olefins on bio-promoted catalysts. Communications Chemistry, 2018, 1, .	2.0	123
6	Interfacing with Carbonaceous Potassium Promoters Boosts Catalytic CO <sub>2</sub> Hydrogenation of Iron. ACS Catalysis, 2020, 10, 12098-12108.	5.5	101
7	Precisely regulating BrÃ,nsted acid sites to promote the synthesis of light aromatics via CO2 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 CO2 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 CO2 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 CO2 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 CO2 hydrogenation. Journal of Energy Chemistry, 2022, 70, 162-173.	7.1	8