Ke Gong

List of Publications by Year
in descending order

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11 papers	358 citations	1039880 9 h-index	1281743 11 g-index
11 all docs	11 docs citations	11 times ranked	394 citing authors

#	Article	IF	Citations
1	An in situ stretching instrument combined with low field nuclear magnetic resonance (NMR): Rheo-Spin NMR. Review of Scientific Instruments, 2022, 93, 033905.	0.6	5
2	Oxygenate-based routes regulate syngas conversion over oxideâ€“zeolite bifunctional catalysts. Nature Catalysis, 2022, 5, 594-604.	16.1	22
3	Acidity and Local Confinement Effect in Mordenite Probed by Solid-State NMR Spectroscopy. Journal of Physical Chemistry Letters, 2021, 12, 2413-2422.	2.1	17
4	The Role of Organic and Inorganic Structure-Directing Agents in Selective Al Substitution of Zeolite. Journal of Physical Chemistry Letters, 2021, 12, 9398-9406.	2.1	16
5	High-value utilization of mask and heavy fraction of bio-oil: From hazardous waste to biochar, bio-oil, and graphene films. Journal of Hazardous Materials, 2021, 420, 126570.	6.5	23
6	Câ^'C Bond Formation in Syngas Conversion over Zinc Sites Grafted on ZSMâ€5 Zeolite. Angewandte Chemie - International Edition, 2020, 59, 6529-6534.	7.2	34
7	Câ^'C Bond Formation in Syngas Conversion over Zinc Sites Grafted on ZSMâ€5 Zeolite. Angewandte Chemie, 2020, 132, 6591-6596.	1.6	5
8	Insights into the Site-Selective Adsorption of Methanol and Water in Mordenite Zeolite by ¹²⁹Xe NMR Spectroscopy. Journal of Physical Chemistry C, 2019, 123, 17368-17374.	1.5	9
9	Shapeâ€Selective Zeolites Promote Ethylene Formation from Syngas via a Ketene Intermediate. Angewandte Chemie - International Edition, 2018, 57, 4692-4696.	7.2	185
10	Shapeâ€Selective Zeolites Promote Ethylene Formation from Syngas via a Ketene Intermediate. Angewandte Chemie, 2018, 130, 4782-4786.	1.6	27
11	The role of water in methane adsorption and diffusion within nanoporous silica investigated by hyperpolarized 129Xe and 1H PFG NMR spectroscopy. Nano Research, 2018, 11, 360-369.	5.8	15