

Weiyu Wang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Direct Detection of Supramolecular Reaction Centers in the Methanol-to-Olefins Conversion over Zeolite H ⁺ ZSM-5 by ¹³ C- ²⁷ Al Solid-State NMR Spectroscopy. <i>Angewandte Chemie International Edition</i> , 2016, 55, 2507-2511.	13.8	67
2	Experimental Evidence on the Formation of Ethene through Carbocations in Methanol Conversion over H ⁺ ZSM-5 Zeolite. <i>Chemistry - A European Journal</i> , 2015, 21, 12061-12068.	3.3	62
3	Recent Advances of Solid-State NMR Spectroscopy for Microporous Materials. <i>Advanced Materials</i> , 2020, 32, e2002879.	21.0	50
4	Dual Active Sites on Molybdenum/ZSM-5 Catalyst for Methane Dehydroaromatization: Insights from Solid-State NMR Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 10709-10715.	13.8	39
5	Facet dependent pairwise addition of hydrogen over Pd nanocrystal catalysts revealed via NMR using para-hydrogen-induced polarization. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 9349-9353.	2.8	16
6	Direct Detection of Supramolecular Reaction Centers in the Methanol-to-Olefins Conversion over Zeolite H ⁺ ZSM-5 by ¹³ C- ²⁷ Al Solid-State NMR Spectroscopy. <i>Angewandte Chemie International Edition</i> , 2016, 128, 2553-2557.	13.8	14
7	Identification of double four-ring units in germanosilicate ITQ-13 zeolite by solid-state NMR spectroscopy. <i>Solid State Nuclear Magnetic Resonance</i> , 2017, 87, 1-9.	2.3	13
8	Tuning Pd-Au Bimetallic Catalysts for Heterogeneous Parahydrogen-Induced Polarization. <i>Journal of Physical Chemistry C</i> , 2018, 122, 1248-1257.	3.1	13
9	Pairwise Stereoselective Hydrogenation of Propyne on Supported Pd-Ag Catalysts Investigated by Parahydrogen-Induced Polarization. <i>Journal of Physical Chemistry C</i> , 2021, 125, 17144-17154.	3.1	6
10	Dual Active Sites on Molybdenum/ZSM-5 Catalyst for Methane Dehydroaromatization: Insights from Solid-State NMR Spectroscopy. <i>Angewandte Chemie</i> , 2021, 133, 10804-10810.	2.0	2
11	Heterogeneous parahydrogen induced polarization on Rh-containing silicalite-1 zeolites: effect of the catalyst structure on signal enhancement. <i>Catalysis Science and Technology</i> , 2022, 12, 4442-4449.	4.1	2
12	Direct Detection of Supramolecular Reaction Centers in the Methanol-to-Olefins Conversion over Zeolite H ⁺ ZSM-5 by ¹³ C- ²⁷ Al Solid-State NMR Spectroscopy (Angew. Chem. 7/2016). <i>Angewandte Chemie</i> , 2016, 128, 2648-2648.	2.0	0