

# Weiyu Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

284  
citations

1163117

8  
h-index

1281871

11  
g-index

13  
all docs

13  
docs citations

13  
times ranked

366  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | 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         |
| 2  | 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         |
| 3  | 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        |
| 4  | 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         |
| 5  | Recent Advances of Solid-State NMR Spectroscopy for Microporous Materials. <i>Advanced Materials</i> , 2020, 32, e2002879.   | 21.0 | 50        |
| 6  | Tuning Pd-Au Bimetallic Catalysts for Heterogeneous Parahydrogen-Induced Polarization. <i>Journal of Physical Chemistry C</i> , 2018, 122, 1248-1257.  | 3.1  | 13        |
| 7  | 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        |
| 8  | 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        |
| 9  | Direct Detection of Supramolecular Reaction Centers in the Methanol-to-Olefins Conversion over Zeolite H-ZSM-5 by <sup>13</sup> C- <sup>27</sup> Al Solid-State NMR Spectroscopy. <i>Angewandte Chemie</i> , 2016, 128, 2553-2557.                       | 2.8  | 14        |
| 10 | Direct Detection of Supramolecular Reaction Centers in the Methanol-to-Olefins Conversion over Zeolite H-ZSM-5 by <sup>13</sup> C- <sup>27</sup> Al Solid-State NMR Spectroscopy. <i>Angewandte Chemie International Edition</i> , 2016, 55, 2507-2511.  | 2.8  | 67        |
| 11 | Direct Detection of Supramolecular Reaction Centers in the Methanol-to-Olefins Conversion over Zeolite H-ZSM-5 by <sup>13</sup> C- <sup>27</sup> Al Solid-State NMR Spectroscopy (Angew. Chem. 7/2016). <i>Angewandte Chemie</i> , 2016, 128, 2648-2648. | 2.0  | 0         |
| 12 | 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        |