# Jiawei Zhong

List of Publications by Year
in descending order

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|---|---|---|---|
| 15<br>papers | 1,339<br>citations | 687363<br>13<br>h-index | 996975<br>15<br>g-index |
| 15<br>all docs | 15<br>docs citations | 15<br>times ranked | 1614<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Recent advances in catalytic conversion of carbon dioxide to propiolic acids over coinage-metal-based catalysts. Journal of Energy Chemistry, 2021, 59, 572-580. | 12.9 | 15 |
| 2 | Catalysts and shape selective catalysis in the methanol-to-olefin (MTO) reaction. Journal of Catalysis, 2021, 396, 23-31. | 6.2 | 55 |
| 3 | Particle Size Effects in Stoichiometric Methane Combustion: Structureâ€“Activity Relationship of Pd Catalyst Supported on Gamma-Alumina. ACS Catalysis, 2020, 10, 10339-10349. | 11.2 | 84 |
| 4 | Simultaneous Evaluation of Reaction and Diffusion over Molecular Sieves for Shape-Selective Catalysis. ACS Catalysis, 2020, 10, 8727-8735. | 11.2 | 32 |
| 5 | State of the art and perspectives in heterogeneous catalysis of CO<sub>2</sub> hydrogenation to methanol. Chemical Society Reviews, 2020, 49, 1385-1413. | 38.1 | 605 |
| 6 | The template-assisted zinc ion incorporation in SAPO-34 and the enhanced ethylene selectivity in MTO reaction. Journal of Energy Chemistry, 2019, 32, 174-181. | 12.9 | 21 |
| 7 | Tuning the product selectivity of SAPO-18 catalysts in MTO reaction via cavity modification. Chinese Journal of Catalysis, 2019, 40, 477-485. | 14.0 | 14 |
| 8 | Heterogeneous non-mercury catalysts for acetylene hydrochlorination: progress, challenges, and opportunities. Green Chemistry, 2018, 20, 2412-2427. | 9.0 | 80 |
| 9 | Increasing the selectivity to ethylene in the MTO reaction by enhancing diffusion limitation in the shell layer of SAPO-34 catalyst. Chemical Communications, 2018, 54, 3146-3149. | 4.1 | 49 |
| 10 | Enhancing ethylene selectivity in MTO reaction by incorporating metal species in the cavity of SAPO-34 catalysts. Chinese Journal of Catalysis, 2018, 39, 1821-1831. | 14.0 | 29 |
| 11 | Recent advances of the nano-hierarchical SAPO-34 in the methanol-to-olefin (MTO) reaction and other applications. Catalysis Science and Technology, 2017, 7, 4905-4923. | 4.1 | 115 |
| 12 | Protonated and layered transition metal oxides as solid acids for dehydration of biomass-based fructose into 5-hydroxymethylfurfural. Journal of Energy Chemistry, 2017, 26, 147-154. | 12.9 | 21 |
| 13 | Ruthenium complex immobilized on poly(4-vinylpyridine)-functionalized carbon-nanotube for selective aerobic oxidation of 5-hydroxymethylfurfural to 2,5-diformylfuran. RSC Advances, 2015, 5, 5933-5940. | 3.6 | 55 |
| 14 | Oneâ€Step Approach to 2,5â€Diformylfuran from Fructose by Using a Bifunctional and Recyclable Acidic Polyoxometalate Catalyst. ChemPlusChem, 2014, 79, 1448-1454. | 2.8 | 69 |
| 15 | Selective hydrogenation of phenol and related derivatives. Catalysis Science and Technology, 2014, 4, 3555-3569. | 4.1 | 95 |