

# Huiqiu Wang

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Efficient ORR electrocatalytic activity of peanut shell-based graphitic carbon microstructures. <i>Journal of Materials Chemistry A</i> , 2018, 6, 12018-12028.	10.3	81
2	A single-molecule van der Waals compass. <i>Nature</i> , 2021, 592, 541-544.	27.8	75
3	In situ imaging of the sorption-induced subcell topological flexibility of a rigid zeolite framework. <i>Science</i> , 2022, 376, 491-496.	12.6	62
4	Atomic imaging of zeolite-confined single molecules by electron microscopy. <i>Nature</i> , 2022, 607, 703-707.	27.8	49
5	Insight into the Effects of Water on the Ethene to Aromatics Reaction with HZSM-5. <i>ACS Catalysis</i> , 2020, 10, 5288-5298.	11.2	39
6	Resolving atomic SAPO-34/18 intergrowth architectures for methanol conversion by identifying light atoms and bonds. <i>Nature Communications</i> , 2021, 12, 2212.	12.8	33
7	Temperature-dependent secondary conversion of primary products from methanol aromatization in a two-stage fluidized bed. <i>Fuel</i> , 2020, 267, 117204.	6.4	13
8	High-performance room-temperature NO <sub>2</sub> sensors based on microstructures self-assembled from n-type phthalocyanines: Effect of fluorineâ€™hydrogen bonding and metalâ€™ligand coordination on morphology and sensing performance. <i>Organic Electronics</i> , 2017, 50, 389-396.	2.6	11
9	Decentralized methanol feed in a two-stage fluidized bed for process intensification of methanol to aromatics. <i>Chemical Engineering and Processing: Process Intensification</i> , 2020, 154, 108049.	3.6	9
10	Modulating inherent lewis acidity at the intergrowth interface of mortise-tenon zeolite catalyst. <i>Nature Communications</i> , 2022, 13, .	12.8	9
11	Enhanced production of aromatics from propane with a temperature-shifting two-stage fluidized bed reactor. <i>RSC Advances</i> , 2019, 9, 26532-26536.	3.6	7