Yiming Hu

List of Publications by Citations

23 papers	1,253 citations	13 h-index	25 g-index
25 ext. papers	1,700 ext. citations	14.9 avg, IF	4.95 L-index

#	Paper	IF	Citations
23	Synthesis of Ultrafine and Highly Dispersed Metal Nanoparticles Confined in a Thioether-Containing Covalent Organic Framework and Their Catalytic Applications. *Journal of the American Chemical Society*, **2017**, 139, 17082-17088	16.4	358
22	Tessellated multiporous two-dimensional covalent organic frameworks. *Nature Reviews Chemistry*, **2017**, 1,	34.6	240
21	Crystalline Lithium Imidazolate Covalent Organic Frameworks with High Li-Ion Conductivity. *Journal of the American Chemical Society*, **2019**, 141, 7518-7525	16.4	165
20	Highly Fluoro-Substituted Covalent Organic Framework and Its Application in Lithium-Sulfur Batteries. *ACS Applied Materials & Interfaces*, **2018**, 10, 42233-42240	9.5	87
19	Cage-templated synthesis of highly stable palladium nanoparticles and their catalytic activities in Suzuki-Miyaura coupling. *Chemical Science*, **2018**, 9, 676-680	9.4	79
18	Covalent organic framework-supported Fe□iO2 nanoparticles as ambient-light-active photocatalysts. *Journal of Materials Chemistry A*, **2019**, 7, 16364-16371	13	56
17	Phosphine-Based Covalent Organic Framework for the Controlled Synthesis of Broad-Scope Ultrafine Nanoparticles. *Small*, **2020**, 16, e1906005	11	47
16	A Truxenone-based Covalent Organic Framework as an All-Solid-State Lithium-Ion Battery Cathode with High Capacity. *Angewandte Chemie - International Edition*, **2020**, 59, 20385-20389	16.4	45
15	Confined growth of ordered organic frameworks at an interface. *Chemical Society Reviews*, **2020**, 49, 4637-4666	58.5	39
14	Covalent organic framework-supported platinum nanoparticles as efficient electrocatalysts for water reduction. *Nanoscale*, **2020**, 12, 2596-2602	7.7	27
13	Covalent organic framework based lithium-ion battery: Fundamental, design and characterization. *EnergyChem*, **2021**, 3, 100048	36.9	25
12	Single crystals of mechanically entwined helical covalent polymers. *Nature Chemistry*, **2021**, 13, 660-665	17.6	20
11	Desymmetrized Vertex Design toward a Molecular Cage with Unusual Topology. *Angewandte Chemie - International Edition*, **2020**, 59, 20846-20851	16.4	17
10	Highly C2/C1-Selective Covalent Organic Frameworks Substituted with Azo Groups. *ACS Applied Materials & Interfaces*, **2020**, 12, 51517-51522	9.5	11
9	Production and closed-loop recycling of biomass-based malleable materials. *Science China Materials* , **2020**, 63, 2071-2078	7.1	9
8	Highly active alkyne metathesis catalysts operating under open air condition. *Nature Communications*, **2021**, 12, 1136	17.4	9
7	Synthesis of □graphyne using dynamic covalent chemistry		6

List of Publications

6	Desymmetrized Vertex Design toward a Molecular Cage with Unusual Topology. *Angewandte Chemie*, **2020**, 132, 21032-21037	3.6	4
5	A pillar[5]arene-based covalent organic framework with pre-encoded selective host-guest recognition. *Chemical Science*, **2021**, 12, 13316-13320	9.4	3
4	Helical Covalent Polymers with Unidirectional Ion Channels as Single Lithium-Ion Conducting Electrolytes. *CCS Chemistry*,2762-2770	7.2	3
3	Crystalline, Few-layer 2D Materials via Surfactant-monolayer-assisted Interfacial Synthesis. *Chemical Research in Chinese Universities*, **2019**, 35, 955-956	2.2	1
2	A Truxenone-based Covalent Organic Framework as an All-Solid-State Lithium-Ion Battery Cathode with High Capacity. *Angewandte Chemie*, **2020**, 132, 20565-20569	3.6	1
1	Broad-Scope Ultrafine Nanoparticles: Phosphine-Based Covalent Organic Framework for the Controlled Synthesis of Broad-Scope Ultrafine Nanoparticles (Small 8/2020). *Small*, **2020**, 16, 2070042	11	