

Yiming Hu

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

2,227
citations

471509

17
h-index

677142

22
g-index

25
all docs

25
docs citations

25
times ranked

2678
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances and challenges in user-friendly alkyne metathesis catalysts. Trends in Chemistry, 2022, 4, 540-553.	8.5	8
2	Synthesis of Γ^3 -graphyne using dynamic covalent chemistry. , 2022, 1, 449-454.		106
3	Covalent organic framework based lithium-ion battery: Fundamental, design and characterization. EnergyChem, 2021, 3, 100048.	19.1	94
4	A pillar[5]arene-based covalent organic framework with pre-encoded selective host-guest recognition. Chemical Science, 2021, 12, 13316-13320.	7.4	32
5	Highly active alkyne metathesis catalysts operating under open air condition. Nature Communications, 2021, 12, 1136.	12.8	28
6	Single crystals of mechanically entwined helical covalent polymers. Nature Chemistry, 2021, 13, 660-665.	13.6	82
7	Helical Covalent Polymers with Unidirectional Ion Channels as Single Lithium-Ion Conducting Electrolytes. CCS Chemistry, 2021, 3, 2762-2770.	7.8	23
8	Covalent organic framework-supported platinum nanoparticles as efficient electrocatalysts for water reduction. Nanoscale, 2020, 12, 2596-2602.	5.6	41
9	Desymmetrized Vertex Design toward a Molecular Cage with Unusual Topology. Angewandte Chemie - International Edition, 2020, 59, 20846-20851.	13.8	44
10	A Truxenone-based Covalent Organic Framework as an All-Solid-State Lithium-Ion Battery Cathode with High Capacity. Angewandte Chemie, 2020, 132, 20565-20569.	2.0	5
11	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.	13.8	110
12	Desymmetrized Vertex Design toward a Molecular Cage with Unusual Topology. Angewandte Chemie, 2020, 132, 21032-21037.	2.0	7
13	Highly C2/C1-Selective Covalent Organic Frameworks Substituted with Azo Groups. ACS Applied Materials & Interfaces, 2020, 12, 51517-51522.	8.0	20
14	Production and closed-loop recycling of biomass-based malleable materials. Science China Materials, 2020, 63, 2071-2078.	6.3	17
15	Confined growth of ordered organic frameworks at an interface. Chemical Society Reviews, 2020, 49, 4637-4666.	38.1	104
16	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.	10.0	0
17	Phosphine-Based Covalent Organic Framework for the Controlled Synthesis of Broad-Scope Ultrafine Nanoparticles. Small, 2020, 16, e1906005.	10.0	82
18	Crystalline, Few-layer 2D Materials via Surfactant-monolayer-assisted Interfacial Synthesis. Chemical Research in Chinese Universities, 2019, 35, 955-956.	2.6	3

#	ARTICLE	IF	CITATIONS
19	Covalent organic framework-supported Fe@TiO ₂ nanoparticles as ambient-light-active photocatalysts. <i>Journal of Materials Chemistry A</i> , 2019, 7, 16364-16371.	10.3	103
20	Crystalline Lithium Imidazolate Covalent Organic Frameworks with High Li-Ion Conductivity. <i>Journal of the American Chemical Society</i> , 2019, 141, 7518-7525.	13.7	261
21	Cage-templated synthesis of highly stable palladium nanoparticles and their catalytic activities in Suzuki-Miyaura coupling. <i>Chemical Science</i> , 2018, 9, 676-680.	7.4	105
22	Highly Fluoro-Substituted Covalent Organic Framework and Its Application in Lithium-Sulfur Batteries. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 42233-42240.	8.0	127
23	Synthesis of Ultrafine and Highly Dispersed Metal Nanoparticles Confined in a Thioether-Containing Covalent Organic Framework and Their Catalytic Applications. <i>Journal of the American Chemical Society</i> , 2017, 139, 17082-17088.	13.7	506
24	Tessellated multiporous two-dimensional covalent organic frameworks. <i>Nature Reviews Chemistry</i> , 2017, 1, .	30.2	319