Wei Yong-Sheng

List of Publications by Year
in descending order

34 papers	3,511 citations	393982 19 h-index	414034 32 g-index
36 all docs	36 docs citations	36 times ranked	4287 citing authors

#	Article	IF	Citations
1	Hypersensitive dual-function luminescence switching of a silver-chalcogenolate cluster-based metalâ€“organic framework. Nature Chemistry, 2017, 9, 689-697.	6.6	790
2	Metalâ€“Organic Framework-Based Catalysts with Single Metal Sites. Chemical Reviews, 2020, 120, 12089-12174.	23.0	692
3	Unique Proton Dynamics in an Efficient MOF-Based Proton Conductor. Journal of the American Chemical Society, 2017, 139, 3505-3512.	6.6	283
4	Metal cluster-based functional porous coordination polymers. Coordination Chemistry Reviews, 2015, 293-294, 263-278.	9.5	234
5	Ordered Macroporous Superstructure of Nitrogenâ€Doped Nanoporous Carbon Implanted with Ultrafine Ru Nanoclusters for Efficient pHâ€Universal Hydrogen Evolution Reaction. Advanced Materials, 2021, 33, e2006965.	11.1	213
6	A Single-Crystal Open-Capsule Metalâ€“Organic Framework. Journal of the American Chemical Society, 2019, 141, 7906-7916.	6.6	179
7	Turning on the flexibility of isoreticular porous coordination frameworks for drastically tunable framework breathing and thermal expansion. Chemical Science, 2013, 4, 1539.	3.7	163
8	Fabricating Dualâ€Atom Iron Catalysts for Efficient Oxygen Evolution Reaction: A Heteroatom Modulator Approach. Angewandte Chemie - International Edition, 2020, 59, 16013-16022.	7.2	151
9	Singleâ€Atom Catalysts Derived from Metalâ€“Organic Frameworks for Electrochemical Applications. Small, 2021, 17, e2004809.	5.2	139
10	Coordination templated [2+2+2] cyclotrimerization in a porous coordination framework. Nature Communications, 2015, 6, 8348.	5.8	101
11	A Honeycombâ€Like Bulk Superstructure of Carbon Nanosheets for Electrocatalysis and Energy Storage. Angewandte Chemie - International Edition, 2020, 59, 19627-19632.	7.2	100
12	Grafting alkylamine in UiO-66 by charge-assisted coordination bonds for carbon dioxide capture from high-humidity flue gas. Journal of Materials Chemistry A, 2015, 3, 21849-21855.	5.2	83
13	Micro/Nanoâ€Scaled Metalâ€Organic Frameworks and Their Derivatives for Energy Applications. Advanced Energy Materials, 2022, 12, 2003970.	10.2	64
14	A Zincâ€“Dualâ€Halogen Battery with a Molten Hydrate Electrolyte. Advanced Materials, 2020, 32, e2004553.	11.1	47
15	Unveiling the Mechanism of Waterâ€Triggered Diplex Transformation and Correlating the Changes in Structures and Separation Properties. Advanced Functional Materials, 2015, 25, 6448-6457.	7.8	41
16	Windmill Co₄{Co₄(Î¼₄â€O)} with 16 Divergent Branches Forming a Family of Metalâ€“Organic Frameworks: Organic Metrics Control Topology, Gas Sorption, and Magnetism. Chemistry - A European Journal, 2016, 22, 12088-12094.	1.7	34
17	New porous coordination polymers based on expanded pyridyl-dicarboxylate ligands and a paddle-wheel cluster. CrystEngComm, 2014, 16, 6325-6330.	1.3	25
18	Remoulding a MOFâ€™s pores by auxiliary ligand introduction for stability improvement and highly selective CO₂-capture. Chemical Communications, 2018, 54, 12029-12032.	2.2	23

#	Article	IF	Citations
19	Fabricating Dualâ€Atom Iron Catalysts for Efficient Oxygen Evolution Reaction: A Heteroatom Modulator Approach. Angewandte Chemie, 2020, 132, 16147-16156.	1.6	19
20	Synthesis and stabilization of a hypothetical porous framework based on a classic flexible metal carboxylate cluster. Dalton Transactions, 2016, 45, 4269-4273.	1.6	17
21	Unique (3,9)-connected porous coordination polymers constructed by tripodal ligands with bent arms. CrystEngComm, 2016, 18, 4115-4120.	1.3	16
22	Metal-ion controlled solid-state reactivity and photoluminescence in two isomorphous coordination polymers. Inorganic Chemistry Frontiers, 2014, 1, 172.	3.0	15
23	One-Step Synthesis of Ultrathin Carbon Nanoribbons from Metalâ€"Organic Framework Nanorods for Oxygen Reduction and Zincâ€"Air Batteries. CCS Chemistry, 2022, 4, 194-204.	4.6	15
24	Photoluminescent coordination polymer bulk glasses and laser-induced crystallization. Chemical Science, 2022, 13, 3281-3287.	3.7	15
25	Soluble porous carbon cage-encapsulated highly active metal nanoparticle catalysts. Journal of Materials Chemistry A, 2021, 9, 13670-13677.	5.2	13
26	Multiple catalytic sites in MOF-based hybrid catalysts for organic reactions. Organic and Biomolecular Chemistry, 2020, 18, 8508-8525.	1.5	11
27	A flexible, porous, cluster-based Zn-pyrazolate-dicarboxylate framework showing selective adsorption properties. New Journal of Chemistry, 2014, 38, 2002-2007.	1.4	7
28	A Honeycombâ€Like Bulk Superstructure of Carbon Nanosheets for Electrocatalysis and Energy Storage. Angewandte Chemie, 2020, 132, 19795-19800.	1.6	7
29	Facile Synthesis of a Heteroatomsâ€² Quaternaryâ€Doped Porous Carbon as an Efficient and Stable Metalâ€Free Catalyst for Oxygen Reduction. ChemistrySelect, 2017, 2, 6129-6134.	0.7	5
30	Revealing Active Function of Multicomponent Electrocatalysts from In Situ Nickel Redox for Oxygen Evolution. Journal of Physical Chemistry C, 2021, 125, 16420-16427.	1.5	5
31	Synthetic Strategy for Incorporating Carboxylate Ligands into Coordination Polymers under a Solvent-Free Reaction. Crystal Growth and Design, 2021, 21, 6031-6036.	1.4	3
32	Porous Coordination Polymers: Unveiling the Mechanism of Waterâ€Triggered Diplex Transformation and Correlating the Changes in Structures and Separation Properties (Adv. Funct. Mater. 41/2015). Advanced Functional Materials, 2015, 25, 6556-6556.	7.8	0
33	Frontispiz: Fabricating Dualâ€Atom Iron Catalysts for Efficient Oxygen Evolution Reaction: A Heteroatom Modulator Approach. Angewandte Chemie, 2020, 132, .	1.6	0
34	Frontispiece: Fabricating Dualâ€Atom Iron Catalysts for Efficient Oxygen Evolution Reaction: A Heteroatom Modulator Approach. Angewandte Chemie - International Edition, 2020, 59, .	7.2	0