

Yifa Chen

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

51
papers

3,312
citations

25
h-index

57
g-index

64
ext. papers

4,329
ext. citations

12.3
avg, IF

5.45
L-index

#	Paper	IF	Citations
51	Flexible Solid-State Supercapacitor Based on a Metal-Organic Framework Interwoven by Electrochemically-Deposited PANI. <i>Journal of the American Chemical Society</i> , 2015 , 137, 4920-3	16.4	681
50	Rational design of a metal-organic framework host for sulfur storage in fast, long-cycle Li-S batteries. <i>Energy and Environmental Science</i> , 2014 , 7, 2715	35.4	376
49	Oriented electron transmission in polyoxometalate-metalloporphyrin organic framework for highly selective electroreduction of CO. <i>Nature Communications</i> , 2018 , 9, 4466	17.4	221
48	Roll-to-Roll Production of Metal-Organic Framework Coatings for Particulate Matter Removal. <i>Advanced Materials</i> , 2017 , 29, 1606221	24	192
47	Photoinduced postsynthetic polymerization of a metal-organic framework toward a flexible stand-alone membrane. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 4259-63	16.4	191
46	A Solvent-Free Hot-Pressing Method for Preparing Metal-Organic-Framework Coatings. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 3419-23	16.4	160
45	Efficient electron transmission in covalent organic framework nanosheets for highly active electrocatalytic carbon dioxide reduction. <i>Nature Communications</i> , 2020 , 11, 497	17.4	146
44	Stable radical anions generated from a porous perylene diimide metal-organic framework for boosting near-infrared photothermal conversion. <i>Nature Communications</i> , 2019 , 10, 767	17.4	131
43	Shaping of Metal-Organic Frameworks: From Fluid to Shaped Bodies and Robust Foams. <i>Journal of the American Chemical Society</i> , 2016 , 138, 10810-3	16.4	129
42	In situ growth of MOFs on the surface of Si nanoparticles for highly efficient lithium storage: Si@MOF nanocomposites as anode materials for lithium-ion batteries. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 2178-82	9.5	96
41	Zn-BTC MOFs with active metal sites synthesized via a structure-directing approach for highly efficient carbon conversion. <i>Chemical Communications</i> , 2014 , 50, 2624-7	5.8	88
40	Water Purification: Adsorption over Metal-Organic Frameworks. <i>Chinese Journal of Chemistry</i> , 2016 , 34, 175-185	4.9	85
39	Metal-Organic Framework Templated Synthesis of Copper Azide as the Primary Explosive with Low Electrostatic Sensitivity and Excellent Initiation Ability. <i>Advanced Materials</i> , 2016 , 28, 5837-43	24	81
38	Facile Fabrication of Multifunctional Metal-Organic Framework Hollow Tubes To Trap Pollutants. <i>Journal of the American Chemical Society</i> , 2017 , 139, 16482-16485	16.4	75
37	Coordination polymer-based conductive materials: ionic conductivity vs. electronic conductivity. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 24059-24091	13	62
36	Photoinduced Postsynthetic Polymerization of a Metal-Organic Framework toward a Flexible Stand-Alone Membrane. <i>Angewandte Chemie</i> , 2015 , 127, 4333-4337	3.6	50
35	Facile fabrication of magnetically recyclable metal-organic framework nanocomposites for highly efficient and selective catalytic oxidation of benzylic C-H bonds. <i>Chemical Communications</i> , 2014 , 50, 8374-7	5.8	45

34	Metalloocene implanted metalloporphyrin organic framework for highly selective CO ₂ electroreduction. <i>Nano Energy</i> , 2020 , 67, 104233	17.1	43
33	Metal-organic framework-based foams for efficient microplastics removal. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 14644-14652	13	41
32	Solid-phase hot-pressing synthesis of POMOFs on carbon cloth and derived phosphides for all pH value hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 21969-21977	13	34
31	Defect engineering of highly stable lanthanide metal-organic frameworks by particle modulation for coating catalysis. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 342-348	13	32
30	Stepped Channels Integrated Lithium-Sulfur Separator via Photoinduced Multidimensional Fabrication of Metal-Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 10147-10154	16.4	29
29	Metal-Organic Frameworks Derived Porous Carbons: Syntheses, Porosity and Gas Sorption Properties. <i>Chinese Journal of Chemistry</i> , 2016 , 34, 157-174	4.9	29
28	Single Metal Site and Versatile Transfer Channel Merged into Covalent Organic Frameworks Facilitate High-Performance Li-CO Batteries. <i>ACS Central Science</i> , 2021 , 7, 175-182	16.8	26
27	Chloroplast-like porous bismuth-based core-shell structure for high energy efficiency CO ₂ electroreduction. <i>Science Bulletin</i> , 2020 , 65, 1635-1642	10.6	25
26	Recent progress and perspectives in heterogeneous photocatalytic CO ₂ reduction through a solid-gas mode. <i>Coordination Chemistry Reviews</i> , 2021 , 438, 213906	23.2	25
25	A Tale of Copper Coordination Frameworks: Controlled Single-Crystal-to-Single-Crystal Transformations and Their Catalytic C-H Bond Activation Properties. <i>Chemistry - A European Journal</i> , 2015 , 21, 13894-9	4.8	18
24	Rapid Production of Metal-Organic Frameworks Based Separators in Industrial-Level Efficiency. <i>Advanced Science</i> , 2020 , 7, 2002190	13.6	17
23	A Solvent-Free Hot-Pressing Method for Preparing Metal-Organic-Framework Coatings. <i>Angewandte Chemie</i> , 2016 , 128, 3480-3484	3.6	17
22	Self-Assembly of Hydroxyl Metal-Organic Polyhedra and Polymer into Cu-Based Hollow Spheres for Product-Selective CO ₂ Electroreduction. <i>Small Structures</i> , 2021 , 2, 2100012	8.7	15
21	Polyoxovanadate-polymer hybrid electrolyte in solid state batteries. <i>Energy Storage Materials</i> , 2020 , 29, 172-181	19.4	15
20	Implanting Numerous Hydrogen-Bonding Networks in a Cu-Porphyrin-Based Nanosheet to Boost CH Selectivity in Neutral-Media CO Electroreduction. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 21952-21958	16.4	15
19	Polyoxometalate-Induced Efficient Recycling of Waste Polyester Plastics into Metal-Organic Frameworks. <i>CCS Chemistry</i> , 2019 , 1, 561-570	7.2	13
18	Efficient Charge Migration in Chemically-Bonded Prussian Blue Analogue/CdS with Beaded Structure for Photocatalytic H Evolution. <i>Jacs Au</i> , 2021 , 1, 212-220		13
17	Exfoliation of covalent organic frameworks into MnO ₂ -loaded ultrathin nanosheets as efficient cathode catalysts for Li-CO ₂ batteries. <i>Cell Reports Physical Science</i> , 2021 , 2, 100392	6.1	10

16	Imparting CO ₂ Electroreduction Auxiliary for Integrated Morphology Tuning and Performance Boosting in a Porphyrin-based Covalent Organic Framework. <i>Angewandte Chemie - International Edition</i> , 2021 , 61, e202114648	16.4	8
15	Decavanadate-based clusters as bifunctional catalysts for efficient treatment of carbon dioxide and simulant sulfur mustard. <i>Journal of CO₂ Utilization</i> , 2021 , 45, 101419	7.6	8
14	Boosting Highly Ordered Porosity in Lanthanum Metal-Organic Frameworks for Ring-Opening Polymerization of ϵ -Butyrolactone. <i>Chem</i> , 2021 , 7, 463-479	16.2	8
13	Controllable Synthesis of COFs-Based Multicomponent Nanocomposites from Core-Shell to Yolk-Shell and Hollow-Sphere Structure for Artificial Photosynthesis. <i>Advanced Materials</i> , 2021 , 33, e2105002	24.0	8
12	Anthraquinone Covalent Organic Framework Hollow Tubes as Binder Microadditives in Li-S Batteries. <i>Angewandte Chemie - International Edition</i> , 2021 ,	16.4	7
11	Self-assembly of anthraquinone covalent organic frameworks as 1D superstructures for highly efficient CO ₂ electroreduction to CH ₄ . <i>Science Bulletin</i> , 2021 , 66, 1659-1659	10.6	7
10	Implanting Polypyrrole in Metal-Porphyrin MOFs: Enhanced Electrocatalytic Performance for CORR. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 54959-54966	9.5	6
9	Self-assembly of single metal sites embedded covalent organic frameworks into multi-dimensional nanostructures for efficient CO ₂ electroreduction. <i>Chinese Chemical Letters</i> , 2021 ,	8.1	5
8	Single-metal site-embedded conjugated macrocyclic hybrid catalysts enable boosted CO ₂ reduction and evolution kinetics in Li-CO ₂ batteries. <i>Cell Reports Physical Science</i> , 2021 , 100583	6.1	4
7	Explosives: Metal-Organic Framework Templated Synthesis of Copper Azide as the Primary Explosive with Low Electrostatic Sensitivity and Excellent Initiation Ability (Adv. Mater. 28/2016). <i>Advanced Materials</i> , 2016 , 28, 5766	24	3
6	Decavanadate-based Transition Metal Hybrids as Bifunctional Catalysts for Sulfide Oxidation and C-C Bond Construction. <i>Chinese Journal of Chemistry</i> , 2021 , 39, 2495-2503	4.9	3
5	Construction of an Electron Bridge in Polyoxometalates/Graphene Oxide Ultrathin Nanosheets To Boost the Lithium Storage Performance. <i>Energy & Fuels</i> , 2020 , 34, 16968-16977	4.1	2
4	Stepped Channels Integrated Lithium-Sulfur Separator via Photoinduced Multidimensional Fabrication of Metal-Organic Frameworks. <i>Angewandte Chemie</i> , 2021 , 133, 10235-10242	3.6	2
3	Implanting Numerous Hydrogen-Bonding Networks in a Cu-Porphyrin-Based Nanosheet to Boost CH ₄ Selectivity in Neutral-Media CO ₂ Electroreduction. <i>Angewandte Chemie</i> , 2021 , 133, 22123-22129	3.6	2
2	Imidazole-Dependent Assembly of Copper Polymolybdate Frameworks for One-Pot Sulfide Oxidation and C-H Activation. <i>Energy & Fuels</i> , 2022 , 36, 1665-1675	4.1	0
1	Titelbild: Photoinduced Postsynthetic Polymerization of a Metal-Organic Framework toward a Flexible Stand-Alone Membrane (Angew. Chem. 14/2015). <i>Angewandte Chemie</i> , 2015 , 127, 4199-4199	3.6	