Yifa Chen

List of Publications by Year in Descending Order

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	Imidazole-Dependent Assembly of Copper Polymolybdate Frameworks for One-Pot Sulfide Oxidation and C–H Activation. *Energy & Fuels*, **2022**, 36, 1665-1675	4.1	0
50	Implanting Polypyrrole in Metal-Porphyrin MOFs: Enhanced Electrocatalytic Performance for CORR. *ACS Applied Materials & Interfaces*, **2021**, 13, 54959-54966	9.5	6
49	Imparting CO2 Electroreduction Auxiliary for Integrated Morphology Tuning and Performance Boosting in a Porphyrin-based Covalent Organic Framework. *Angewandte Chemie - International Edition*, **2021**, 61, e202114648	16.4	8
48	Anthraquinone Covalent Organic Framework Hollow Tubes as Binder Microadditives in Li-S Batteries. *Angewandte Chemie - International Edition*, **2021**,	16.4	7
47	Single Metal Site and Versatile Transfer Channel Merged into Covalent Organic Frameworks Facilitate High-Performance Li-CO Batteries. *ACS Central Science*, **2021**, 7, 175-182	16.8	26
46	Decavanadate-based clusters as bifunctional catalysts for efficient treatment of carbon dioxide and simulant sulfur mustard. *Journal of CO2 Utilization*, **2021**, 45, 101419	7.6	8
45	Stepped Channels Integrated Lithium-Sulfur Separator via Photoinduced Multidimensional Fabrication of Metal-Organic Frameworks. *Angewandte Chemie - International Edition*, **2021**, 60, 10147-10154	16.4	29
44	Stepped Channels Integrated Lithium–Sulfur Separator via Photoinduced Multidimensional Fabrication of Metal–Organic Frameworks. *Angewandte Chemie*, **2021**, 133, 10235-10242	3.6	2
43	Exfoliation of covalent organic frameworks into MnO2-loaded ultrathin nanosheets as efficient cathode catalysts for Li-CO2 batteries. *Cell Reports Physical Science*, **2021**, 2, 100392	6.1	10
42	Self-Assembly of Hydroxyl Metal–Organic Polyhedra and Polymer into Cu-Based Hollow Spheres for Product-Selective CO2 Electroreduction. *Small Structures*, **2021**, 2, 2100012	8.7	15
41	Self-assembly of anthraquinone covalent organic frameworks as 1D superstructures for highly efficient CO2 electroreduction to CH4. *Science Bulletin*, **2021**, 66, 1659-1659	10.6	7
40	Decavanadate-based Transition Metal Hybrids as Bifunctional Catalysts for Sulfide Oxidation and C–C Bond Construction. *Chinese Journal of Chemistry*, **2021**, 39, 2495-2503	4.9	3
39	Efficient Charge Migration in Chemically-Bonded Prussian Blue Analogue/CdS with Beaded Structure for Photocatalytic H Evolution. *Jacs Au*, **2021**, 1, 212-220		13
38	Boosting Highly Ordered Porosity in Lanthanum Metal-Organic Frameworks for Ring-Opening Polymerization of β-Butyrolactone. *CheM*, **2021**, 7, 463-479	16.2	8
37	Recent progress and perspectives in heterogeneous photocatalytic CO2 reduction through a solid–gas mode. *Coordination Chemistry Reviews*, **2021**, 438, 213906	23.2	25
36	Implanting Numerous Hydrogen-Bonding Networks in a Cu-Porphyrin-Based Nanosheet to Boost CH4 Selectivity in Neutral-Media CO2 Electroreduction. *Angewandte Chemie*, **2021**, 133, 22123-22129	3.6	2
35	Self-assembly of single metal sites embedded covalent organic frameworks into multi-dimensional nanostructures for efficient CO2 electroreduction. *Chinese Chemical Letters*, **2021**,	8.1	5

34	Implanting Numerous Hydrogen-Bonding Networks in a Cu-Porphyrin-Based Nanosheet to Boost CH Selectivity in Neutral-Media CO Electroreduction. *Angewandte Chemie - International Edition*, **2021**, 60, 21952-21958	16.4	15
33	Single-metal site-embedded conjugated macrocyclic hybrid catalysts enable boosted CO2 reduction and evolution kinetics in Li-CO2 batteries. *Cell Reports Physical Science*, **2021**, 100583	6.1	4
32	Controllable Synthesis of COFs-Based Multicomponent Nanocomposites from Core-Shell to Yolk-Shell and Hollow-Sphere Structure for Artificial Photosynthesis. *Advanced Materials*, **2021**, 33, e2105002	24	8
31	Rapid Production of Metal-Organic Frameworks Based Separators in Industrial-Level Efficiency. *Advanced Science*, **2020**, 7, 2002190	13.6	17
30	Chloroplast-like porous bismuth-based core–shell structure for high energy efficiency CO2 electroreduction. *Science Bulletin*, **2020**, 65, 1635-1642	10.6	25
29	Metal–organic framework-based foams for efficient microplastics removal. *Journal of Materials Chemistry A*, **2020**, 8, 14644-14652	13	41
28	Efficient electron transmission in covalent organic framework nanosheets for highly active electrocatalytic carbon dioxide reduction. *Nature Communications*, **2020**, 11, 497	17.4	146
27	Metallocene implanted metalloporphyrin organic framework for highly selective CO2 electroreduction. *Nano Energy*, **2020**, 67, 104233	17.1	43
26	Construction of an Electron Bridge in Polyoxometalates/Graphene Oxide Ultrathin Nanosheets To Boost the Lithium Storage Performance. *Energy & Fuels*, **2020**, 34, 16968-16977	4.1	2
25	Polyoxovanadate-polymer hybrid electrolyte in solid state batteries. *Energy Storage Materials*, **2020**, 29, 172-181	19.4	15
24	Polyoxometalate-Induced Efficient Recycling of Waste Polyester Plastics into Metal–Organic Frameworks. *CCS Chemistry*, **2019**, 1, 561-570	7.2	13
23	Stable radical anions generated from a porous perylenediimide metal-organic framework for boosting near-infrared photothermal conversion. *Nature Communications*, **2019**, 10, 767	17.4	131
22	Coordination polymer-based conductive materials: ionic conductivity vs. electronic conductivity. *Journal of Materials Chemistry A*, **2019**, 7, 24059-24091	13	62
21	Solid-phase hot-pressing synthesis of POMOFs on carbon cloth and derived phosphides for all pH value hydrogen evolution. *Journal of Materials Chemistry A*, **2018**, 6, 21969-21977	13	34
20	Defect engineering of highly stable lanthanide metal–organic frameworks by particle modulation for coating catalysis. *Journal of Materials Chemistry A*, **2018**, 6, 342-348	13	32
19	Oriented electron transmission in polyoxometalate-metalloporphyrin organic framework for highly selective electroreduction of CO. *Nature Communications*, **2018**, 9, 4466	17.4	221
18	Roll-to-Roll Production of Metal-Organic Framework Coatings for Particulate Matter Removal. *Advanced Materials*, **2017**, 29, 1606221	24	192
17	Facile Fabrication of Multifunctional Metal-Organic Framework Hollow Tubes To Trap Pollutants. *Journal of the American Chemical Society*, **2017**, 139, 16482-16485	16.4	75

16	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). *Advanced Materials*, **2016**, 28, 5766	24	3
15	Water Purification: Adsorption over Metal-Organic Frameworks. *Chinese Journal of Chemistry*, **2016**, 34, 175-185	4.9	85
14	A Solvent-Free Hot-Pressing Method for Preparing Metal□Organic-Framework Coatings. *Angewandte Chemie*, **2016**, 128, 3480-3484	3.6	17
13	Metal-Organic Framework Templated Synthesis of Copper Azide as the Primary Explosive with Low Electrostatic Sensitivity and Excellent Initiation Ability. *Advanced Materials*, **2016**, 28, 5837-43	24	81
12	A Solvent-Free Hot-Pressing Method for Preparing Metal-Organic-Framework Coatings. *Angewandte Chemie - International Edition*, **2016**, 55, 3419-23	16.4	160
11	Metal-Organic Frameworks Derived Porous Carbons: Syntheses, Porosity and Gas Sorption Properties. *Chinese Journal of Chemistry*, **2016**, 34, 157-174	4.9	29
10	Shaping of Metal-Organic Frameworks: From Fluid to Shaped Bodies and Robust Foams. *Journal of the American Chemical Society*, **2016**, 138, 10810-3	16.4	129
9	Flexible Solid-State Supercapacitor Based on a Metal-Organic Framework Interwoven by Electrochemically-Deposited PANI. *Journal of the American Chemical Society*, **2015**, 137, 4920-3	16.4	681
8	Photoinduced postsynthetic polymerization of a metal-organic framework toward a flexible stand-alone membrane. *Angewandte Chemie - International Edition*, **2015**, 54, 4259-63	16.4	191
7	Photoinduced Postsynthetic Polymerization of a Metal□Organic Framework toward a Flexible Stand-Alone Membrane. *Angewandte Chemie*, **2015**, 127, 4333-4337	3.6	50
6	Titelbild: Photoinduced Postsynthetic Polymerization of a Metal□Organic Framework toward a Flexible Stand-Alone Membrane (Angew. Chem. 14/2015). *Angewandte Chemie*, **2015**, 127, 4199-4199	3.6	
5	A Tale of Copper Coordination Frameworks: Controlled Single-Crystal-to-Single-Crystal Transformations and Their Catalytic C-H Bond Activation Properties. *Chemistry - A European Journal* , **2015**, 21, 13894-9	4.8	18
4	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. *ACS Applied Materials & Interfaces*, **2015**, 7, 2178-82	9.5	96
3	Zn-BTC MOFs with active metal sites synthesized via a structure-directing approach for highly efficient carbon conversion. *Chemical Communications*, **2014**, 50, 2624-7	5.8	88
2	Facile fabrication of magnetically recyclable metal-organic framework nanocomposites for highly efficient and selective catalytic oxidation of benzylic C-H bonds. *Chemical Communications*, **2014**, 50, 8374-7	5.8	45
1	Rational design of a metal□organic framework host for sulfur storage in fast, long-cycle Li□S batteries. *Energy and Environmental Science*, **2014**, 7, 2715	35.4	376