Ya-Qian Lan

List of Publications by Year
in descending order

228 papers	22,323 citations	7087 78 h-index	10152 140 g-index
233 all docs	233 docs citations	233 times ranked	16447 citing authors

#	Article	IF	Citations
1	From Metalâ€“Organic Framework to Nanoporous Carbon: Toward a Very High Surface Area and Hydrogen Uptake. Journal of the American Chemical Society, 2011, 133, 11854-11857.	6.6	1,071
2	Recent advances in porous polyoxometalate-based metalâ€“organic framework materials. Chemical Society Reviews, 2014, 43, 4615-4632.	18.7	845
3	Coupled molybdenum carbide and reduced graphene oxide electrocatalysts for efficient hydrogen evolution. Nature Communications, 2016, 7, 11204.	5.8	803
4	Ultrastable Polymolybdate-Based Metalâ€“Organic Frameworks as Highly Active Electrocatalysts for Hydrogen Generation from Water. Journal of the American Chemical Society, 2015, 137, 7169-7177.	6.6	584
5	Rational Design of MOF/COF Hybrid Materials for Photocatalytic H₂ Evolution in the Presence of Sacrificial Electron Donors. Angewandte Chemie - International Edition, 2018, 57, 12106-12110.	7.2	508
6	Effect of Imidazole Arrangements on Proton-Conductivity in Metalâ€“Organic Frameworks. Journal of the American Chemical Society, 2017, 139, 6183-6189.	6.6	436
7	Molybdenum Disulfide/Nitrogenâ€Doped Reduced Graphene Oxide Nanocomposite with Enlarged Interlayer Spacing for Electrocatalytic Hydrogen Evolution. Advanced Energy Materials, 2016, 6, 1600116.	10.2	433
8	Porous Molybdenumâ€Based Hybrid Catalysts for Highly Efficient Hydrogen Evolution. Angewandte Chemie - International Edition, 2015, 54, 12928-12932.	7.2	368
9	Rational Design of Crystalline Covalent Organic Frameworks for Efficient CO₂ Photoreduction with H₂O. Angewandte Chemie - International Edition, 2019, 58, 12392-12397.	7.2	360
10	Biâ€Microporous Metalâ€“Organic Frameworks with Cubane [M₄(OH)₄] (M=Ni,) Tj ETQq0 0 0 rgBT /Overlock Chemie - International Edition, 2019, 58, 12185-12189.	7.2	350
11	Oriented electron transmission in polyoxometalate-metalloporphyrin organic framework for highly selective electroreduction of CO2. Nature Communications, 2018, 9, 4466.	5.8	342
12	Exploring the Performance Improvement of the Oxygen Evolution Reaction in a Stable Bimetalâ€“Organic Framework System. Angewandte Chemie - International Edition, 2018, 57, 9660-9664.	7.2	340
13	Surfactantâ€Assisted Phaseâ€Selective Synthesis of New Cobalt MOFs and Their Efficient Electrocatalytic Hydrogen Evolution Reaction. Angewandte Chemie - International Edition, 2017, 56, 13001-13005.	7.2	334
14	Semiconductor/Covalentâ€Organicâ€Framework Zâ€Scheme Heterojunctions for Artificial Photosynthesis. Angewandte Chemie - International Edition, 2020, 59, 6500-6506.	7.2	328
15	Mesoporous Metalâ€Organic Frameworks with Sizeâ€tunable Cages: Selective CO₂ Uptake, Encapsulation of Ln³⁺ Cations for Luminescence, and Columnâ€Chromatographic Dye Separation. Advanced Materials, 2011, 23, 5015-5020.	11.1	321
16	POM-based metal-organic framework/reduced graphene oxide nanocomposites with hybrid behavior of battery-supercapacitor for superior lithium storage. Nano Energy, 2017, 34, 205-214.	8.2	308
17	Monometallic Catalytic Models Hosted in Stable Metalâ€“Organic Frameworks for Tunable CO₂ Photoreduction. ACS Catalysis, 2019, 9, 1726-1732.	5.5	297
18	Efficient electron transmission in covalent organic framework nanosheets for highly active electrocatalytic carbon dioxide reduction. Nature Communications, 2020, 11, 497.	5.8	280

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19	N-rich zeolite-like metalâ€“organic framework with sodalite topology: high CO2 uptake, selective gas adsorption and efficient drug delivery. Chemical Science, 2012, 3, 2114.	3.7	277
20	Hexagonal@Cubic CdS Core@Shell Nanorod Photocatalyst for Highly Active Production of H₂ with Unprecedented Stability. Advanced Materials, 2016, 28, 8906-8911.	11.1	271
21	A Water-Stable Metalâ€“Organic Framework for Highly Sensitive and Selective Sensing of Fe³⁺ Ion. Inorganic Chemistry, 2016, 55, 10580-10586.	1.9	230
22	Polyoxometalateâ€Based Compounds for Photoâ€•and Electrocatalytic Applications. Angewandte Chemie - International Edition, 2020, 59, 20779-20793.	7.2	222
23	Self-Assembly of Polyoxometalate-Based Metal Organic Frameworks Based on Octamolybdates and Copper-Organic Units: from Cu^{II}, Cu^{I,II} to Cu^I via Changing Organic Amine. Inorganic Chemistry, 2008, 47, 8179-8187.	1.9	214
24	Installing earth-abundant metal active centers to covalent organic frameworks for efficient heterogeneous photocatalytic CO2 reduction. Applied Catalysis B: Environmental, 2019, 254, 624-633.	10.8	212
25	Confining and Highly Dispersing Single Polyoxometalate Clusters in Covalent Organic Frameworks by Covalent Linkages for CO₂ Photoreduction. Journal of the American Chemical Society, 2022, 144, 1861-1871.	6.6	197
26	Stable Luminescent Metalâ€“Organic Frameworks as Dual-Functional Materials To Encapsulate Ln³⁺ Ions for White-Light Emission and To Detect Nitroaromatic Explosives. Inorganic Chemistry, 2015, 54, 3290-3296.	1.9	196
27	From molecular metal complex to metal-organic framework: The CO2 reduction photocatalysts with clear and tunable structure. Coordination Chemistry Reviews, 2019, 390, 86-126.	9.5	196
28	Enhanced Cuprophilic Interactions in Crystalline Catalysts Facilitate the Highly Selective Electroreduction of CO₂ to CH₄. Journal of the American Chemical Society, 2021, 143, 3808-3816.	6.6	187
29	Polyoxometalate-based materials for sustainable and clean energy conversion and storage. EnergyChem, 2019, 1, 100021.	10.1	183
30	Metalâ€“organic framework templated nitrogen and sulfur co-doped porous carbons as highly efficient metal-free electrocatalysts for oxygen reduction reactions. Journal of Materials Chemistry A, 2014, 2, 6316-6319.	5.2	179
31	Stable Dioxinâ€Linked Metallophthalocyanine Covalent Organic Frameworks (COFs) as Photoâ€Coupled Electrocatalysts for CO₂Reduction. Angewandte Chemie - International Edition, 2021, 60, 4864-4871.	7.2	179
32	Heteroatoms ternary-doped porous carbons derived from MOFs as metal-free electrocatalysts for oxygen reduction reaction. Scientific Reports, 2014, 4, 5130.	1.6	174
33	Synergistic Conductivity Effect in a Proton Sources-Coupled Metalâ€“Organic Framework. ACS Energy Letters, 2017, 2, 2313-2318.	8.8	170
34	Spontaneous resolution of a 3D chiral polyoxometalate-based polythreaded framework consisting of an achiral ligand. Chemical Communications, 2008, , 58-60.	2.2	169
35	One-pot synthesis of core-shell Cu@SiO2 nanospheres and their catalysis for hydrolytic dehydrogenation of ammonia borane and hydrazine borane. Scientific Reports, 2014, 4, 7597.	1.6	167
36	Polyoxometalate-based metalâ€“organic framework-derived hybrid electrocatalysts for highly efficient hydrogen evolution reaction. Journal of Materials Chemistry A, 2016, 4, 1202-1207.	5.2	165

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37	Self-Assembly of 2Dâ†'2D Interpenetrating Coordination Polymers Showing Polyrotaxane- and Polycatenane-like Motifs: Influence of Various Ligands on Topological Structural Diversity. Inorganic Chemistry, 2008, 47, 10600-10610.	1.9	162
38	Stable Heterometallic Clusterâ€Based Organic Framework Catalysts for Artificial Photosynthesis. Angewandte Chemie - International Edition, 2020, 59, 2659-2663.	7.2	162
39	Polyoxometalate-Based Metalâ€"Organic Frameworks with Conductive Polypyrrole for Supercapacitors. ACS Applied Materials & Interfaces, 2018, 10, 32265-32270.	4.0	159
40	A Microporous Anionic Metalâ€"Organic Framework for Sensing Luminescence of Lanthanide(III) Ions and Selective Absorption of Dyes by Ionic Exchange. Chemistry - A European Journal, 2014, 20, 5625-5630.	1.7	154
41	Tunable MoS₂/SnO₂ Pâ€"N Heterojunctions for an Efficient Trimethylamine Gas Sensor and 4-Nitrophenol Reduction Catalyst. ACS Sustainable Chemistry and Engineering, 2018, 6, 12375-12384.	3.2	151
42	Adenine Components in Biomimetic Metalâ€"Organic Frameworks for Efficient CO₂ Photoconversion. Angewandte Chemie - International Edition, 2019, 58, 5226-5231.	7.2	150
43	Supramolecular Isomerism with Polythreaded Topology Based on [Mo₈O₂₆]⁴⁻ Isomers. Inorganic Chemistry, 2008, 47, 529-534.	1.9	148
44	Creating Well-Defined Hexabenzocoronene in Zirconium Metalâ€"Organic Framework by Postsynthetic Annulation. Journal of the American Chemical Society, 2019, 141, 2054-2060.	6.6	148
45	A highly stable polyoxometalate-based metalâ€"organic framework with Ï€â€"Ï€ stacking for enhancing lithium ion battery performance. Journal of Materials Chemistry A, 2017, 5, 8477-8483.	5.2	136
46	Bimetallic Carbides-Based Nanocomposite as Superior Electrocatalyst for Oxygen Evolution Reaction. ACS Applied Materials & Interfaces, 2017, 9, 16977-16985.	4.0	135
47	Covalent Organic Framework Based Functional Materials: Important Catalysts for Efficient CO₂Utilization. Angewandte Chemie - International Edition, 2022, 61, .	7.2	128
48	Multielectron transportation of polyoxometalate-grafted metalloporphyrin coordination frameworks for selective CO2-to-CH4 photoconversion. National Science Review, 2020, 7, 53-63.	4.6	127
49	Metalâ€"organic framework-based foams for efficient microplastics removal. Journal of Materials Chemistry A, 2020, 8, 14644-14652.	5.2	125
50	Spontaneous Resolution of Chiral Polyoxometalateâ€Based Compounds Consisting of 3D Chiral Inorganic Skeletons Assembled from Different Helical Units. Chemistry - A European Journal, 2008, 14, 9999-10006.	1.7	123
51	Metalâ€"Organic Frameworks for Photo/Electrocatalysis. Advanced Energy and Sustainability Research, 2021, 2, 2100033.	2.8	123
52	Solid-phase hot-pressing of POMs-ZIFs precursor and derived phosphide for overall water splitting. Applied Catalysis B: Environmental, 2019, 245, 528-535.	10.8	120
53	A multifunctional microporous anionic metalâ€"organic framework for column-chromatographic dye separation and selective detection and adsorption of Cr³⁺. Journal of Materials Chemistry A, 2015, 3, 23426-23434.	5.2	117
54	Coordination environment dependent selectivity of single-site-Cu enriched crystalline porous catalysts in CO2 reduction to CH4. Nature Communications, 2021, 12, 6390.	5.8	117

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55	High Electrical Conductivity in a 2D MOF with Intrinsic Superprotonic Conduction and Interfacial Pseudo-capacitance. Matter, 2020, 2, 711-722.	5.0	115
56	Carbon quantum dots enriching molecular nickel polyoxometalate over CdS semiconductor for photocatalytic water splitting. Applied Catalysis B: Environmental, 2021, 293, 120214.	10.8	112
57	Cobalt Phosphides Nanocrystals Encapsulated by Pâ€Doped Carbon and <i>Married</i> with Pâ€Doped Graphene for Overall Water Splitting. Small, 2019, 15, e1804546.	5.2	110
58	Hetero-metallic active sites coupled with strongly reductive polyoxometalate for selective photocatalytic CO₂-to-CH₄ conversion in water. Chemical Science, 2019, 10, 185-190.	3.7	102
59	Self-Assembly of Giant Mo₂₄₀ Hollow Opening Dodecahedra. Journal of the American Chemical Society, 2020, 142, 13982-13988.	6.6	102
60	Face-Sharing Archimedean Solids Stacking for the Construction of Mixed-Ligand Metalâ€“Organic Frameworks. Journal of the American Chemical Society, 2019, 141, 13841-13848.	6.6	101
61	Cobalt@Nitrogenâ€Doped Porous Carbon Fiber Derived from the Electrospun Fiber of Bimetalâ€“Organic Framework for Highly Active Oxygen Reduction. Small Methods, 2018, 2, 1800049.	4.6	100
62	Polypyrroleâ€“polyoxometalate/reduced graphene oxide ternary nanohybrids for flexible, all-solid-state supercapacitors. Chemical Communications, 2015, 51, 12377-12380.	2.2	99
63	An unprecedented (6,8)-connected self-penetrating network based on two distinct zinc clusters. Chemical Communications, 2007, , 4863.	2.2	98
64	An ultrastable porous metalâ€“organic framework luminescent switch towards aromatic compounds. Materials Horizons, 2015, 2, 245-251.	6.4	98
65	Controllable porosity conversion of metal-organic frameworks composed of natural ingredients for drug delivery. Chemical Communications, 2017, 53, 7804-7807.	2.2	97
66	Entangled structures in polyoxometalate-based coordination polymers. Coordination Chemistry Reviews, 2014, 279, 141-160.	9.5	96
67	Implanting Numerous Hydrogenâ€Bonding Networks in a Cuâ€Porphyrinâ€Based Nanosheet to Boost CH₄ Selectivity in Neutralâ€Media CO₂ Electroreduction. Angewandte Chemie - International Edition, 2021, 60, 21952-21958.	7.2	96
68	Encapsulating ionic liquids into POM-based MOFs to improve their conductivity for superior lithium storage. Journal of Materials Chemistry A, 2018, 6, 8735-8741.	5.2	95
69	Polyoxometalate-based crystalline tubular microreactor: redox-active inorganicâ€“organic hybrid materials producing gold nanoparticles and catalytic properties. Chemical Science, 2012, 3, 705-710.	3.7	93
70	Metallocene implanted metalloporphyrin organic framework for highly selective CO2 electroreduction. Nano Energy, 2020, 67, 104233.	8.2	93
71	Recent progress and perspectives in heterogeneous photocatalytic CO2 reduction through a solidâ€“gas mode. Coordination Chemistry Reviews, 2021, 438, 213906.	9.5	93
72	Diamondoid-structured polymolybdate-based metalâ€“organic frameworks as high-capacity anodes for lithium-ion batteries. Chemical Communications, 2017, 53, 5204-5207.	2.2	92

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73	Coralloid Co₂P₂O₇ Nanocrystals Encapsulated by Thin Carbon Shells for Enhanced Electrochemical Water Oxidation. ACS Applied Materials & Interfaces, 2016, 8, 22534-22544.	4.0	91
74	Coordination polymer-based conductive materials: ionic conductivity <i>vs.</i> electronic conductivity. Journal of Materials Chemistry A, 2019, 7, 24059-24091.	5.2	90
75	Rational Design of Crystalline Covalent Organic Frameworks for Efficient CO₂ Photoreduction with H₂O. Angewandte Chemie, 2019, 131, 12522-12527.	1.6	88
76	Single-Atom Zinc and Anionic Framework as Janus Separator Coatings for Efficient Inhibition of Lithium Dendrites and Shuttle Effect. ACS Nano, 2021, 15, 13436-13443.	7.3	87
77	A stable metalâ€“organic framework with suitable pore sizes and rich uncoordinated nitrogen atoms on the internal surface of micropores for highly efficient CO₂ capture. Journal of Materials Chemistry A, 2015, 3, 7361-7367.	5.2	86
78	Hydrophobic Polyoxometalate-Based Metal-Organic Framework for Efficient CO₂ Photoconversion. ACS Applied Materials & Interfaces, 2019, 11, 25790-25795.	4.0	86
79	Derivation and Decoration of Nets with Trigonal-Prismatic Nodes: A Unique Route to Reticular Synthesis of Metalâ€“Organic Frameworks. Journal of the American Chemical Society, 2016, 138, 5299-5307.	6.6	84
80	CoV₂O₆â€“V₂O₅ Coupled with Porous N-Doped Reduced Graphene Oxide Composite as a Highly Efficient Electrocatalyst for Oxygen Evolution. ACS Energy Letters, 2017, 2, 1327-1333.	8.8	84
81	Polyoxometalate-Incorporated Metallapillararene/Metallacalixarene Metal-Organic Frameworks as Anode Materials for Lithium Ion Batteries. Inorganic Chemistry, 2017, 56, 8311-8318.	1.9	79
82	Imparting CO₂ Electroreduction Auxiliary for Integrated Morphology Tuning and Performance Boosting in a Porphyrinâ€based Covalent Organic Framework. Angewandte Chemie - International Edition, 2022, 61, e202114648.	7.2	78
83	pH-dependent self-assembly of divalent metals with a new ligand containing polycarboxylate: syntheses, crystal structures, luminescent and magnetic properties. CrystEngComm, 2010, 12, 2157.	1.3	76
84	Strategic hierarchical improvement of superprotonic conductivity in a stable metalâ€“organic framework system. Journal of Materials Chemistry A, 2019, 7, 25165-25171.	5.2	76
85	Rational Design of MOF/COF Hybrid Materials for Photocatalytic H₂ Evolution in the Presence of Sacrificial Electron Donors. Angewandte Chemie, 2018, 130, 12282-12286.	1.6	75
86	Stepped Channels Integrated Lithiumâ€“Sulfur Separator via Photoinduced Multidimensional Fabrication of Metalâ€“Organic Frameworks. Angewandte Chemie - International Edition, 2021, 60, 10147-10154.	7.2	74
87	Construction and property investigation of transition-metal complexes modified octamolybdate hybrid materials based on V-shaped organic ligands. CrystEngComm, 2010, 12, 434-445.	1.3	73
88	Engineering Zn_{1â€“<i>x</i>}Cd_{<i>x</i>}S/CdS Heterostructures with Enhanced Photocatalytic Activity. ACS Applied Materials & Interfaces, 2016, 8, 14535-14541.	4.0	73
89	POMOF/SWNT Nanocomposites with Prominent Peroxidase-Mimicking Activity for <scp>l</scp>-Cysteine â€œOnâ€“Off Switchâ€•Colorimetric Biosensing. ACS Applied Materials & Interfaces, 2019, 11, 16896-16904.	4.0	72
90	An Anionic Interpenetrated Zeoliteâ€Like Metalâ€“Organic Framework Composite As a Tunable Dualâ€Emission Luminescent Switch for Detecting Volatile Organic Molecules. Chemistry - A European Journal, 2016, 22, 17298-17304.	1.7	71

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91	Selfâ€Assembly of a Phosphateâ€Centered Polyoxoâ€Titanium Cluster: Discovery of the Heteroatom Keggin Family. Angewandte Chemie - International Edition, 2019, 58, 17260-17264.	7.2	71
92	Controllable synthesis of a non-interpenetrating microporous metalâ€“organic framework based on octahedral cage-like building units for highly efficient reversible adsorption of iodine. Chemical Communications, 2012, 48, 10001.	2.2	70
93	Construction of different dimensional inorganicâ€“organic hybrid materials based on polyoxometalates and metalâ€“organic units via changing metal ions: from non-covalent interactions to covalent connections. Dalton Transactions, 2008, , 3824.	1.6	69
94	Tailorâ€Made Metalâ€“Organic Frameworks from Functionalized Molecular Building Blocks and Lengthâ€Adjustable Organic Linkers by Stepwise Synthesis. Chemistry - A European Journal, 2012, 18, 8076-8083.	1.7	69
95	Two-dimensional nanostructures of non-layered ternary thiospinels and their bifunctional electrocatalytic properties for oxygen reduction and evolution: the case of CuCo₂S₄nanosheets. Inorganic Chemistry Frontiers, 2016, 3, 1501-1509.	3.0	69
96	Single Metal Site and Versatile Transfer Channel Merged into Covalent Organic Frameworks Facilitate High-Performance Li-CO₂ Batteries. ACS Central Science, 2021, 7, 175-182.	5.3	69
97	Two eight-connected self-penetrating porous metalâ€“organic frameworks: configurational isomers caused by different linking modes between terephthalate and binuclear nickel building units. CrystEngComm, 2009, 11, 274-277.	1.3	68
98	A highly stable polyoxometalate-based metalâ€“organic framework with an ABW zeolite-like structure. Chemical Communications, 2017, 53, 10054-10057.	2.2	66
99	Polyoxometalate-encapsulated twenty-nuclear silver-tetrazole nanocage frameworks as highly active electrocatalysts for the hydrogen evolution reaction. Chemical Communications, 2018, 54, 1964-1967.	2.2	66
100	A 3D interconnected metal-organic framework-derived solid-state electrolyte for dendrite-free lithium metal battery. Energy Storage Materials, 2022, 47, 262-270.	9.5	66
101	Self-assembly of a mesoporous ZnS/mediating interface/CdS heterostructure with enhanced visible-light hydrogen-production activity and excellent stability. Chemical Science, 2015, 6, 5263-5268.	3.7	65
102	Polyoxometalate precursors for precisely controlled synthesis of bimetallic sulfide heterostructure through nucleation-doping competition. Nanoscale, 2018, 10, 8404-8412.	2.8	65
103	d10-Metal coordination polymers based on analogue di(pyridyl)imidazole derivatives and 4,4â€²-oxydibenzoic acid: influence of flexible and angular characters of neutral ligands on structural diversity. Dalton Transactions, 2008, , 6796.	1.6	64
104	Porphyrinâ€Based COF 2D Materials: Variable Modification of Sensing Performances by Postâ€Metallization. Angewandte Chemie - International Edition, 2022, 61, .	7.2	63
105	Solid-state structural transformation doubly triggered by reaction temperature and time in 3D metal-organic frameworks: great enhancement of stability and gas adsorption. Chemical Science, 2014, 5, 1368.	3.7	62
106	Metalâˆ’Organic Frameworks Based on Different Benzimidazole Derivatives: Effect of Length and Substituent Groups of the Ligands on the Structures. Crystal Growth and Design, 2010, 10, 1161-1170.	1.4	61
107	Different Protonic Species Affecting Proton Conductivity in Hollow Spherelike Polyoxometalates. ACS Applied Materials & Interfaces, 2019, 11, 7030-7036.	4.0	61
108	Syntheses of Exceptionally Stable Aluminum(III) Metalâ€“Organic Frameworks: How to Grow Highâ€Quality, Large, Single Crystals. Chemistry - A European Journal, 2017, 23, 15518-15528.	1.7	60

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109	Disclosing CO2 Activation Mechanism by Hydroxyl-Induced Crystalline Structure Transformation in Electrocatalytic Process. Matter, 2019, 1, 1656-1668.	5.0	60
110	Controllable Synthesis of COFsâ€Based Multicomponent Nanocomposites from Coreâ€Shell to Yolkâ€Shell and Hollowâ€Sphere Structure for Artificial Photosynthesis. Advanced Materials, 2021, 33, e2105002.	11.1	60
111	Surfactantâ€Assisted Phaseâ€Selective Synthesis of New Cobalt MOFs and Their Efficient Electrocatalytic Hydrogen Evolution Reaction. Angewandte Chemie, 2017, 129, 13181-13185.	1.6	58
112	Tandem utilization of CO2 photoreduction products for the carbonylation of aryl iodides. Nature Communications, 2022, 13, .	5.8	58
113	Co-Doped Zn_{1â^'x}Cd_xS nanocrystals from metalâ€"organic framework precursors: porous microstructure and efficient photocatalytic hydrogen evolution. Dalton Transactions, 2017, 46, 10553-10557.	1.6	57
114	Ferrocene-Functionalized Polyoxo-Titanium Cluster for CO₂ Photoreduction. ACS Catalysis, 2021, 11, 4510-4519.	5.5	57
115	Partial Coordinationâ€Perturbed Biâ€Copper Sites for Selective Electroreduction of CO₂ to Hydrocarbons. Angewandte Chemie - International Edition, 2021, 60, 19829-19835.	7.2	57
116	Hierarchically phosphorus doped bimetallic nitrides arrays with unique interfaces for efficient water splitting. Applied Catalysis B: Environmental, 2019, 243, 470-480.	10.8	55
117	Three novel 3D (3,8)-connected metalâ€"organic frameworks constructed from flexible-rigid mixed ligands. CrystEngComm, 2009, 11, 1842.	1.3	54
118	Exploring the Performance Improvement of the Oxygen Evolution Reaction in a Stable Bimetalâ€"Organic Framework System. Angewandte Chemie, 2018, 130, 9808-9812.	1.6	54
119	Nickel Glyoximate Based Metalâ€"Covalent Organic Frameworks for Efficient Photocatalytic Hydrogen Evolution. Angewandte Chemie - International Edition, 2022, 61, .	7.2	54
120	Adenine Components in Biomimetic Metalâ€"Organic Frameworks for Efficient CO₂ Photoconversion. Angewandte Chemie, 2019, 131, 5280-5285.	1.6	52
121	Chloroplast-like porous bismuth-based coreâ€"shell structure for high energy efficiency CO2 electroreduction. Science Bulletin, 2020, 65, 1635-1642.	4.3	52
122	Anthraquinone Covalent Organic Framework Hollow Tubes as Binder Microadditives in Liâ^'S Batteries. Angewandte Chemie - International Edition, 2022, 61, .	7.2	52
123	Synergistic effect of mesoporous Mn₂O₃-supported Pd nanoparticle catalysts for electrocatalytic oxygen reduction reaction with enhanced performance in alkaline medium. Journal of Materials Chemistry A, 2014, 2, 1272-1276.	5.2	51
124	Liquid-free single-crystal to single-crystal transformations in coordination polymers. Inorganic Chemistry Frontiers, 2018, 5, 279-300.	3.0	49
125	Assembly of Two Mesoporous Anionic Metalâ€"Organic Frameworks for Fluorescent Sensing of Metal Ions and Organic Dyes Separation. Inorganic Chemistry, 2021, 60, 167-174.	1.9	49
126	Polyoxometalate-Based Metalâ€"Organic Framework on Carbon Cloth with a Hot-Pressing Method for High-Performance Lithium-Ion Batteries. Inorganic Chemistry, 2018, 57, 11726-11731.	1.9	48

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127	Biâ€Microporous Metalâ€"Organic Frameworks with Cubane [M₄(OH)₄] (M=Ni,) Tj ETQq1 1 0.784314 rgBT / Chemie, 2019, 131, 12313-12317.	1.6	47
128	Efficient Charge Migration in Chemically-Bonded Prussian Blue Analogue/CdS with Beaded Structure for Photocatalytic H₂ Evolution. Jacs Au, 2021, 1, 212-220.	3.6	47
129	Assembly of Multifold Helical Polyoxometalate-Based Metalâ€"Organic Frameworks as Anode Materials in Lithium-Ion Batteries. Inorganic Chemistry, 2018, 57, 3865-3872.	1.9	46
130	Improved conductivity of a new Co(<scp>ii</scp>)-MOF by assembled acetylene black for efficient hydrogen evolution reaction. CrystEngComm, 2018, 20, 4804-4809.	1.3	45
131	Implanting Polypyrrole in Metal-Porphyrin MOFs: Enhanced Electrocatalytic Performance for CO₂RR. ACS Applied Materials & Interfaces, 2021, 13, 54959-54966.	4.0	45
132	Introduction of Molecular Building Blocks to Improve the Stability of Metalâ€"Organic Frameworks for Efficient Mercury Removal. Inorganic Chemistry, 2018, 57, 6118-6123.	1.9	44
133	Semiconductor/Covalentâ€Organicâ€Framework Zâ€Scheme Heterojunctions for Artificial Photosynthesis. Angewandte Chemie, 2020, 132, 6562-6568.	1.6	44
134	Predesign of Catalytically Active Sites via Stable Coordination Cluster Model System for Electroreduction of CO₂ to Ethylene. Angewandte Chemie - International Edition, 2021, 60, 26210-26217.	7.2	44
135	A novel (4,8)-connected 3D polyoxometalate-based metalâ€"organic framework containing an in situ ligand. CrystEngComm, 2008, 10, 1129.	1.3	43
136	Molecular tectonics of metalâ€"organic frameworks based on ligand-modulated polynuclear zinc SBUs and aromatic multicarboxylic acids. CrystEngComm, 2011, 13, 889-896.	1.3	43
137	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.	5.2	43
138	Self-assembly of anthraquinone covalent organic frameworks as 1D superstructures for highly efficient CO2 electroreduction to CH4. Science Bulletin, 2021, 66, 1659-1659.	4.3	43
139	The Enhancement on Proton Conductivity of Stable Polyoxometalateâ€Based Coordination Polymers by the Synergistic Effect of MultiProton Units. Chemistry - A European Journal, 2016, 22, 9299-9304.	1.7	42
140	Encapsulation of an iridium complex in a metalâ€"organic framework to give a composite with efficient white light emission. Inorganic Chemistry Frontiers, 2017, 4, 547-552.	3.0	42
141	Carbon nanodots functional MOFs composites by a stepwise synthetic approach: enhanced H₂ storage and fluorescent sensing. CrystEngComm, 2015, 17, 1080-1085.	1.3	41
142	Efficient Electrocatalyst for the Hydrogen Evolution Reaction Derived from Polyoxotungstate/Polypyrrole/Graphene. ChemSusChem, 2017, 10, 2402-2407.	3.6	41
143	Polyoxometalate-pillared metalâ€"organic frameworks synthesized by surfactant-assisted strategy and incorporated with carbon nanotubes for energy storage. Journal of Materials Chemistry A, 2020, 8, 25316-25322.	5.2	41
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