

Ya-Qian Lan

List of Publications by Year in Descending Order

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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.

208
papers

15,170
citations

64
h-index

117
g-index

233
ext. papers

18,777
ext. citations

10
avg, IF

6.99
L-index

#	Paper	IF	Citations
208	Confining and Highly Dispersing Single Polyoxometalate Clusters in Covalent Organic Frameworks by Covalent Linkages for CO Photoreduction.. <i>Journal of the American Chemical Society</i> , 2022 ,	16.4	16
207	A 3D interconnected metal-organic framework-derived solid-state electrolyte for dendrite-free lithium metal battery. <i>Energy Storage Materials</i> , 2022 , 47, 262-262	19.4	8
206	Superprotonic Conductivity of a Functionalized Metal-Organic Framework at Ambient Conditions.. <i>ACS Applied Materials & Interfaces</i> , 2022 ,	9.5	2
205	Crystalline Porous Materials-based Solid-State Electrolytes for Lithium Metal Batteries. <i>EnergyChem</i> , 2022 , 100073	36.9	2
204	Constructing crystalline redox catalyst to achieve efficient CO2 photoreduction reaction in water vapor. <i>Chemical Engineering Journal</i> , 2022 , 442, 136157	14.7	4
203	Coordination environment dependent selectivity of single-site-Cu enriched crystalline porous catalysts in CO reduction to CH. <i>Nature Communications</i> , 2021 , 12, 6390	17.4	21
202	Implanting Polypyrrole in Metal-Porphyrin MOFs: Enhanced Electrocatalytic Performance for CORR. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 54959-54966	9.5	6
201	Synthesis of Surface-Mounted Novel Nickel(II) Trimer-Based MOF on Nickel Oxide Hydroxide Heterostructures for Enhanced Methanol Electro-Oxidation.. <i>Frontiers in Chemistry</i> , 2021 , 9, 780688	5	0
200	Imparting CO2 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
199	Establishing spatially elastic hydrogen-bonding interaction in electrochemical process for selective CO2-to-CH4 conversion. <i>Chem Catalysis</i> , 2021 , 1, 1133-1144		2
198	Anthraquinone Covalent Organic Framework Hollow Tubes as Binder Microadditives in Li-S Batteries. <i>Angewandte Chemie - International Edition</i> , 2021 ,	16.4	7
197	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
196	Ferrocene-Functionalized Polyoxo-Titanium Cluster for CO2 Photoreduction. <i>ACS Catalysis</i> , 2021 , 11, 4510-4519	13.1	11
195	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
194	Enhanced Cuprophilic Interactions in Crystalline Catalysts Facilitate the Highly Selective Electroreduction of CO to CH. <i>Journal of the American Chemical Society</i> , 2021 , 143, 3808-3816	16.4	53
193	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
192	Exfoliation of covalent organic frameworks into MnO2-loaded ultrathin nanosheets as efficient cathode catalysts for Li-CO2 batteries. <i>Cell Reports Physical Science</i> , 2021 , 2, 100392	6.1	10

191	Rational Electrolyte Design to Form InorganicPolymeric Interphase on Silicon-Based Anodes. <i>ACS Energy Letters</i> , 2021 , 6, 1811-1820	20.1	13
190	Self-Assembly of Hydroxyl MetalOrganic Polyhedra and Polymer into Cu-Based Hollow Spheres for Product-Selective CO ₂ Electroreduction. <i>Small Structures</i> , 2021 , 2, 2100012	8.7	15
189	Efficient Electron Transfer from Electron-Sponge Polyoxometalate to Single-Metal Site Metal-Organic Frameworks for Highly Selective Electroreduction of Carbon Dioxide. <i>Small</i> , 2021 , 17, e2100762	11	7
188	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
187	Carbon Dioxide Electroreduction: Efficient Electron Transfer from Electron-Sponge Polyoxometalate to Single-Metal Site MetalOrganic Frameworks for Highly Selective Electroreduction of Carbon Dioxide (Small 20/2021). <i>Small</i> , 2021 , 17, 2170095	11	0
186	MetalOrganic Frameworks for Photo/Electrocatalysis. <i>Advanced Energy and Sustainability Research</i> , 2021 , 2, 2100033	1.6	47
185	Design of Crystalline Reduction-Oxidation Cluster-Based Catalysts for Artificial Photosynthesis. <i>Jacs Au</i> , 2021 , 1, 1288-1295		4
184	Partial Coordination-Perturbed Bi-Copper Sites for Selective Electroreduction of CO to Hydrocarbons. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 19829-19835	16.4	8
183	Stable Dioxin-Linked Metallophthalocyanine Covalent Organic Frameworks (COFs) as Photo-Coupled Electrocatalysts for CO Reduction. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 4864-4871	16.4	62
182	Stable Dioxin-Linked Metallophthalocyanine Covalent Organic Frameworks (COFs) as Photo-Coupled Electrocatalysts for CO ₂ Reduction. <i>Angewandte Chemie</i> , 2021 , 133, 4914-4921	3.6	12
181	Assembly of Two Mesoporous Anionic Metal-Organic Frameworks for Fluorescent Sensing of Metal Ions and Organic Dyes Separation. <i>Inorganic Chemistry</i> , 2021 , 60, 167-174	5.1	21
180	Two new pseudo-isomeric nickel (II) metalOrganic frameworks with efficient electrocatalytic activity toward methanol oxidation. <i>Rare Metals</i> , 2021 , 40, 489-498	5.5	17
179	Identification of the activity source of CO electroreduction by strategic catalytic site distribution in stable supramolecular structure system. <i>National Science Review</i> , 2021 , 8, nwa195	10.8	11
178	A well-defined dual Mn-site based metal-organic framework to promote CO reduction/evolution in Li-CO batteries. <i>Chemical Communications</i> , 2021 ,	5.8	6
177	Efficient Charge Migration in Chemically-Bonded Prussian Blue Analogue/CdS with Beaded Structure for Photocatalytic H ₂ Evolution. <i>Jacs Au</i> , 2021 , 1, 212-220		13
176	Recent progress and perspectives in heterogeneous photocatalytic CO ₂ reduction through a solidgas mode. <i>Coordination Chemistry Reviews</i> , 2021 , 438, 213906	23.2	25
175	Partial Coordination-Perturbed Bi-Copper Sites for Selective Electroreduction of CO ₂ to Hydrocarbons. <i>Angewandte Chemie</i> , 2021 , 133, 19982-19988	3.6	2
174	Single-Atom Zinc and Anionic Framework as Janus Separator Coatings for Efficient Inhibition of Lithium Dendrites and Shuttle Effect. <i>ACS Nano</i> , 2021 ,	16.7	17

173	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
172	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
171	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
170	Predesign of Catalytically Active Sites via Stable Coordination Cluster Model System for Electroreduction of CO to Ethylene. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 26210-26217	16.4	10
169	Carbon quantum dots enriching molecular nickel polyoxometalate over CdS semiconductor for photocatalytic water splitting. <i>Applied Catalysis B: Environmental</i> , 2021 , 293, 120214	21.8	36
168	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
167	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
166	Axial Cl/Br atom-mediated CO electroreduction performance in a stable porphyrin-based metal-organic framework. <i>Chemical Communications</i> , 2020 , 56, 14817-14820	5.8	3
165	Rapid Production of Metal-Organic Frameworks Based Separators in Industrial-Level Efficiency. <i>Advanced Science</i> , 2020 , 7, 2002190	13.6	17
164	Versatile Synthesis of Pd _M (M=Cr, Mo, W) Alloy Nanosheets Flower-like Superstructures for Efficient Oxygen Reduction Electrocatalysis. <i>ChemCatChem</i> , 2020 , 12, 4138-4148	5.2	10
163	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
162	Intermediate-Temperature Anhydrous High Proton Conductivity Triggered by Dynamic Molecular Migration in Trinuclear Cluster Lattice. <i>Chem</i> , 2020 , 6, 2272-2282	16.2	16
161	Metal-organic framework-based foams for efficient microplastics removal. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 14644-14652	13	41
160	Polyoxometalate-Based Compounds for Photo- and Electrocatalytic Applications. <i>Angewandte Chemie</i> , 2020 , 132, 20963-20977	3.6	16
159	Polyoxometalate-Based Compounds for Photo- and Electrocatalytic Applications. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 20779-20793	16.4	66
158	High Electrical Conductivity in a 2D MOF with Intrinsic Superprotonic Conduction and Interfacial Pseudo-capacitance. <i>Matter</i> , 2020 , 2, 711-722	12.7	58
157	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
156	Semiconductor/Covalent-Organic-Framework Z-Scheme Heterojunctions for Artificial Photosynthesis. <i>Angewandte Chemie</i> , 2020 , 132, 6562-6568	3.6	16

155	Semiconductor/Covalent-Organic-Framework Z-Scheme Heterojunctions for Artificial Photosynthesis. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 6500-6506	16.4	160
154	Metallocene implanted metalloporphyrin organic framework for highly selective CO ₂ electroreduction. <i>Nano Energy</i> , 2020 , 67, 104233	17.1	43
153	Stable Heterometallic Cluster-Based Organic Framework Catalysts for Artificial Photosynthesis. <i>Angewandte Chemie</i> , 2020 , 132, 2681-2685	3.6	12
152	Stable Heterometallic Cluster-Based Organic Framework Catalysts for Artificial Photosynthesis. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 2659-2663	16.4	81
151	Self-Assembly of Giant Mo Hollow Opening Dodecahedra. <i>Journal of the American Chemical Society</i> , 2020 , 142, 13982-13988	16.4	25
150	Polyoxometalate-pillared metal-organic frameworks synthesized by surfactant-assisted strategy and incorporated with carbon nanotubes for energy storage. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 25316-25322	13	15
149	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
148	Calix[8]arene-constructed stable polyoxo-titanium clusters for efficient CO ₂ photoreduction. <i>Green Chemistry</i> , 2020 , 22, 5325-5332	10	14
147	Formation of a mixed-valence Cu(i)/Cu(ii) metal-organic framework with the full light spectrum and high selectivity of CO photoreduction into CH. <i>Chemical Science</i> , 2020 , 11, 10143-10148	9.4	18
146	Multielectron transportation of polyoxometalate-grafted metalloporphyrin coordination frameworks for selective CO-to-CH photoconversion. <i>National Science Review</i> , 2020 , 7, 53-63	10.8	67
145	Self-Assembly of a Phosphate-Centered Polyoxo-Titanium Cluster: Discovery of the Heteroatom Keggin Family. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 17260-17264	16.4	31
144	Disclosing CO ₂ Activation Mechanism by Hydroxyl-Induced Crystalline Structure Transformation in Electrocatalytic Process. <i>Matter</i> , 2019 , 1, 1656-1668	12.7	41
143	Adenine Components in Biomimetic Metal-Organic Frameworks for Efficient CO ₂ Photoconversion. <i>Angewandte Chemie</i> , 2019 , 131, 5280-5285	3.6	35
142	Cobalt Phosphides Nanocrystals Encapsulated by P-Doped Carbon and Married with P-Doped Graphene for Overall Water Splitting. <i>Small</i> , 2019 , 15, e1804546	11	66
141	Different Protonic Species Affecting Proton Conductivity in Hollow Spherelike Polyoxometalates. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 7030-7036	9.5	39
140	Hetero-metallic active sites coupled with strongly reductive polyoxometalate for selective photocatalytic CO-to-CH conversion in water. <i>Chemical Science</i> , 2019 , 10, 185-190	9.4	59
139	Hydrophobic Polyoxometalate-Based Metal-Organic Framework for Efficient CO Photoconversion. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 25790-25795	9.5	49
138	Installing earth-abundant metal active centers to covalent organic frameworks for efficient heterogeneous photocatalytic CO ₂ reduction. <i>Applied Catalysis B: Environmental</i> , 2019 , 254, 624-633	21.8	106

137	From molecular metal complex to metal-organic framework: The CO ₂ reduction photocatalysts with clear and tunable structure. <i>Coordination Chemistry Reviews</i> , 2019 , 390, 86-126	23.2	111
136	POMOF/SWNT Nanocomposites with Prominent Peroxidase-Mimicking Activity for L-Cysteine "On-Off Switch" Colorimetric Biosensing. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 16896-16904 ^{9.5}	49	
135	In situ growth of a POMOF-derived nitride based composite on Cu foam to produce hydrogen with enhanced water dissociation kinetics. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 13559-13566	13	26
134	Overall Water Splitting: Cobalt Phosphides Nanocrystals Encapsulated by P-Doped Carbon and Married with P-Doped Graphene for Overall Water Splitting (Small 10/2019). <i>Small</i> , 2019 , 15, 1970052	11	3
133	Bi-Microporous Metal-Organic Frameworks with Cubane [M(OH)] (M=Ni, Co) Clusters and Pore-Space Partition for Electrocatalytic Methanol Oxidation Reaction. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 12185-12189	16.4	235
132	Bi-Microporous Metal-Organic Frameworks with Cubane [M ₄ (OH) ₄] (M=Ni, Co) Clusters and Pore-Space Partition for Electrocatalytic Methanol Oxidation Reaction. <i>Angewandte Chemie</i> , 2019 , 131, 12313-12317	3.6	37
131	Face-Sharing Archimedean Solids Stacking for the Construction of Mixed-Ligand Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2019 , 141, 13841-13848	16.4	62
130	Rational Design of Crystalline Covalent Organic Frameworks for Efficient CO Photoreduction with H ₂ O. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 12392-12397	16.4	160
129	Rational Design of Crystalline Covalent Organic Frameworks for Efficient CO ₂ Photoreduction with H ₂ O. <i>Angewandte Chemie</i> , 2019 , 131, 12522-12527	3.6	41
128	Exploring the Influence of Halogen Coordination Effect of Stable Bimetallic MOFs on Oxygen Evolution Reaction. <i>Chemistry - A European Journal</i> , 2019 , 25, 15830-15836	4.8	19
127	Polyoxometalate-based materials for sustainable and clean energy conversion and storage. <i>EnergyChem</i> , 2019 , 1, 100021	36.9	109
126	Self-Assembly of a Phosphate-Centered Polyoxo-Titanium Cluster: Discovery of the Heteroatom Keggin Family. <i>Angewandte Chemie</i> , 2019 , 131, 17420-17424	3.6	7
125	Coordination polymer-based conductive materials: ionic conductivity vs. electronic conductivity. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 24059-24091	13	62
124	Strategic hierarchical improvement of superprotonic conductivity in a stable metal-organic framework system. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 25165-25171	13	49
123	Creating Well-Defined Hexabenzocoronene in Zirconium Metal-Organic Framework by Postsynthetic Annulation. <i>Journal of the American Chemical Society</i> , 2019 , 141, 2054-2060	16.4	83
122	Adenine Components in Biomimetic Metal-Organic Frameworks for Efficient CO Photoconversion. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 5226-5231	16.4	98
121	Solid-phase hot-pressing of POMs-ZIFs precursor and derived phosphide for overall water splitting. <i>Applied Catalysis B: Environmental</i> , 2019 , 245, 528-535	21.8	80
120	Monometallic Catalytic Models Hosted in Stable Metal-Organic Frameworks for Tunable CO ₂ Photoreduction. <i>ACS Catalysis</i> , 2019 , 9, 1726-1732	13.1	202

119	Hierarchically phosphorus doped bimetallic nitrides arrays with unique interfaces for efficient water splitting. <i>Applied Catalysis B: Environmental</i> , 2019 , 243, 470-480	21.8	34
118	Exploring the Performance Improvement of the Oxygen Evolution Reaction in a Stable Bimetal-Organic Framework System. <i>Angewandte Chemie</i> , 2018 , 130, 9808-9812	3.6	43
117	Exploring the Performance Improvement of the Oxygen Evolution Reaction in a Stable Bimetal-Organic Framework System. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 9660-9664	16.4	245
116	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
115	Polyoxometalate precursors for precisely controlled synthesis of bimetallic sulfide heterostructure through nucleation-doping competition. <i>Nanoscale</i> , 2018 , 10, 8404-8412	7.7	39
114	Encapsulating ionic liquids into POM-based MOFs to improve their conductivity for superior lithium storage. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 8735-8741	13	59
113	Sulfur-containing bimetallic metal organic frameworks with multi-fold helix as anode of lithium ion batteries. <i>Dalton Transactions</i> , 2018 , 47, 4827-4832	4.3	21
112	Polyoxometalate-encapsulated twenty-nuclear silver-tetrazole nanocage frameworks as highly active electrocatalysts for the hydrogen evolution reaction. <i>Chemical Communications</i> , 2018 , 54, 1964-1967	5.8	52
111	A Well-Established POM-based Single-Crystal Proton-Conducting Model Incorporating Multiple Weak Interactions. <i>Chemistry - A European Journal</i> , 2018 , 24, 2365-2369	4.8	23
110	Liquid-free single-crystal to single-crystal transformations in coordination polymers. <i>Inorganic Chemistry Frontiers</i> , 2018 , 5, 279-300	6.8	38
109	Cobalt@Nitrogen-Doped Porous Carbon Fiber Derived from the Electrospun Fiber of Bimetal-Organic Framework for Highly Active Oxygen Reduction. <i>Small Methods</i> , 2018 , 2, 1800049	12.8	75
108	Assembly of Multifold Helical Polyoxometalate-Based Metal-Organic Frameworks as Anode Materials in Lithium-Ion Batteries. <i>Inorganic Chemistry</i> , 2018 , 57, 3865-3872	5.1	37
107	Investigation of the Enhanced Lithium Battery Storage in a Polyoxometalate Model: From Solid Spheres to Hollow Balls. <i>Small Methods</i> , 2018 , 2, 1800154	12.8	14
106	SbSI Nanocrystals: An Excellent Visible Light Photocatalyst with Efficient Generation of Singlet Oxygen. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 12166-12175	8.3	18
105	Tunable MoS ₂ /SnO ₂ PN Heterojunctions for an Efficient Trimethylamine Gas Sensor and 4-Nitrophenol Reduction Catalyst. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 12375-12384	8.3	106
104	Improved conductivity of a new Co(II)-MOF by assembled acetylene black for efficient hydrogen evolution reaction. <i>CrystEngComm</i> , 2018 , 20, 4804-4809	3.3	34
103	Rational Design of MOF/COF Hybrid Materials for Photocatalytic H ₂ Evolution in the Presence of Sacrificial Electron Donors. <i>Angewandte Chemie</i> , 2018 , 130, 12282-12286	3.6	59
102	Rational Design of MOF/COF Hybrid Materials for Photocatalytic H Evolution in the Presence of Sacrificial Electron Donors. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 12106-12110	16.4	296

101	Introduction of Molecular Building Blocks to Improve the Stability of Metal-Organic Frameworks for Efficient Mercury Removal. <i>Inorganic Chemistry</i> , 2018 , 57, 6118-6123	5.1	35
100	A Pair of Rare Three-Dimensional Chiral Polyoxometalate-Based Metal-Organic Framework Enantiomers Featuring Superior Performance as the Anode of Lithium-Ion Battery. <i>ACS Applied Energy Materials</i> , 2018 , 1, 4931-4938	6.1	29
99	A stable polyoxometalate-based porous coordination polymer with high proton conductivity. <i>CrystEngComm</i> , 2018 , 20, 6077-6081	3.3	8
98	Polyoxometalate-Based Metal-Organic Framework on Carbon Cloth with a Hot-Pressing Method for High-Performance Lithium-Ion Batteries. <i>Inorganic Chemistry</i> , 2018 , 57, 11726-11731	5.1	34
97	Polyoxometalate-Decorated g-C ₃ N ₄ -Wrapping Snowflake-Like CdS Nanocrystal for Enhanced Photocatalytic Hydrogen Evolution. <i>Chemistry - A European Journal</i> , 2018 , 24, 15930-15936	4.8	19
96	Self-assembly of polyoxometalate/reduced graphene oxide composites induced by ionic liquids as a high-rate cathode for batteries: Killing two birds with one stone. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 1743-1750	13	18
95	Oriented electron transmission in polyoxometalate-metalloporphyrin organic framework for highly selective electroreduction of CO. <i>Nature Communications</i> , 2018 , 9, 4466	17.4	221
94	Polyoxometalate-Based Metal-Organic Frameworks with Conductive Polypyrrole for Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 32265-32270	9.5	106
93	Innentitelbild: Exploring the Performance Improvement of the Oxygen Evolution Reaction in a Stable Bimetal-Organic Framework System (Angew. Chem. 31/2018). <i>Angewandte Chemie</i> , 2018 , 130, 9702-9702	3.6	
92	Proton conductivity resulting from different triazole-based ligands in two new bifunctional decavanadates. <i>RSC Advances</i> , 2018 , 8, 18560-18566	3.7	12
91	Encapsulation of an iridium complex in a metal-organic framework to give a composite with efficient white light emission. <i>Inorganic Chemistry Frontiers</i> , 2017 , 4, 547-552	6.8	32
90	POM-based metal-organic framework/reduced graphene oxide nanocomposites with hybrid behavior of battery-supercapacitor for superior lithium storage. <i>Nano Energy</i> , 2017 , 34, 205-214	17.1	233
89	Diamondoid-structured polymolybdate-based metal-organic frameworks as high-capacity anodes for lithium-ion batteries. <i>Chemical Communications</i> , 2017 , 53, 5204-5207	5.8	68
88	CoV ₂ O ₆ /V ₂ O ₅ Coupled with Porous N-Doped Reduced Graphene Oxide Composite as a Highly Efficient Electrocatalyst for Oxygen Evolution. <i>ACS Energy Letters</i> , 2017 , 2, 1327-1333	20.1	63
87	Bimetallic Carbides-Based Nanocomposite as Superior Electrocatalyst for Oxygen Evolution Reaction. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 16977-16985	9.5	94
86	Controllable porosity conversion of metal-organic frameworks composed of natural ingredients for drug delivery. <i>Chemical Communications</i> , 2017 , 53, 7804-7807	5.8	74
85	Theoretical and experimental studies on three water-stable, isostructural, paddlewheel based semiconducting metal-organic frameworks. <i>Dalton Transactions</i> , 2017 , 46, 8204-8218	4.3	18
84	Efficient Electrocatalyst for the Hydrogen Evolution Reaction Derived from Polyoxotungstate/Polypyrrole/Graphene. <i>ChemSusChem</i> , 2017 , 10, 2402-2407	8.3	31

83	A highly stable polyoxometalate-based metal-organic framework with π -stacking for enhancing lithium ion battery performance. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 8477-8483	13	96
82	Effect of Imidazole Arrangements on Proton-Conductivity in Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2017 , 139, 6183-6189	16.4	315
81	Syntheses of Exceptionally Stable Aluminum(III) Metal-Organic Frameworks: How to Grow High-Quality, Large, Single Crystals. <i>Chemistry - A European Journal</i> , 2017 , 23, 15518-15528	4.8	38
80	Polyoxomolybdate-Polypyrrole/Reduced Graphene Oxide Nanocomposite as High-Capacity Electrodes for Lithium Storage. <i>ACS Omega</i> , 2017 , 2, 5684-5690	3.9	31
79	Synergistic Conductivity Effect in a Proton Sources-Coupled Metal-Organic Framework. <i>ACS Energy Letters</i> , 2017 , 2, 2313-2318	20.1	108
78	Reaktion: Surfactant-Assisted Phase-Selective Synthesis of New Cobalt MOFs and Their Efficient Electrocatalytic Hydrogen Evolution Reaction (Angew. Chem. 42/2017). <i>Angewandte Chemie</i> , 2017 , 129, 13332-13332	3.6	
77	Surfactant-Assisted Phase-Selective Synthesis of New Cobalt MOFs and Their Efficient Electrocatalytic Hydrogen Evolution Reaction. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 13001-13005	16.4	275
76	Surfactant-Assisted Phase-Selective Synthesis of New Cobalt MOFs and Their Efficient Electrocatalytic Hydrogen Evolution Reaction. <i>Angewandte Chemie</i> , 2017 , 129, 13181-13185	3.6	47
75	A highly stable polyoxometalate-based metal-organic framework with an ABW zeolite-like structure. <i>Chemical Communications</i> , 2017 , 53, 10054-10057	5.8	52
74	Polyoxometalate-Incorporated Metallapillararene/Metallacalixarene Metal-Organic Frameworks as Anode Materials for Lithium Ion Batteries. <i>Inorganic Chemistry</i> , 2017 , 56, 8311-8318	5.1	63
73	Co-Doped ZnCdS nanocrystals from metal-organic framework precursors: porous microstructure and efficient photocatalytic hydrogen evolution. <i>Dalton Transactions</i> , 2017 , 46, 10553-10557	4.3	45
72	Polyoxometalate-assisted fabrication of the Pd nanoparticle/reduced graphene oxide nanocomposite with enhanced methanol-tolerance for the oxygen reduction reaction. <i>New Journal of Chemistry</i> , 2016 , 40, 914-918	3.6	14
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