

# Hai-Long Jiang

## 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.

209  
papers

35,881  
citations

95  
h-index

189  
g-index

239  
ext. papers

43,318  
ext. citations

11.9  
avg, IF

8.32  
L-index

#	Paper	IF	Citations
209	Optimizing MOF electrocatalysis by metal sequence coding. <i>Chem Catalysis</i> , <b>2022</b> , 2, 3-5		0
208	A sulfur-tolerant MOF-based single-atom Fe Catalyst for Efficient Oxidation of NO and Hg.. <i>Advanced Materials</i> , <b>2022</b> , e2110123	24	0
207	Charge Separation by Creating Band Bending in Metal-Organic Frameworks for Improved Photocatalytic Hydrogen Evolution.. <i>Angewandte Chemie - International Edition</i> , <b>2022</b> , e202204108	16.4	8
206	Light-Assisted CO <sub>2</sub> Hydrogenation over Pd <sub>3</sub> Cu@UiO-66 Promoted by Active Sites in Close Proximity.. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> ,	16.4	12
205	Non-Bonding Interaction of Neighboring Fe and Ni Single-Atom Pairs on MOF-Derived N-Doped Carbon for Enhanced CO Electroreduction. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 19417-19424	16.4	55
204	Piezo-Photocatalysis over Metal-Organic Frameworks: Promoting Photocatalytic Activity by Piezoelectric Effect. <i>Advanced Materials</i> , <b>2021</b> , e2106308	24	23
203	Large-Area Crystalline Zeolitic Imidazolate Framework Thin Films. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 14243-14249	3.6	49
202	Large-Area Crystalline Zeolitic Imidazolate Framework Thin Films. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 14124-14130	16.4	6
201	Interfacial Microenvironment Modulation Boosting Electron Transfer between Metal Nanoparticles and MOFs for Enhanced Photocatalysis. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 16372-16376	16.4	40
200	Interfacial Microenvironment Modulation Boosting Electron Transfer between Metal Nanoparticles and MOFs for Enhanced Photocatalysis. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 16508	3.6	6
199	Modulating Coordination Environment of Single-Atom Catalysts and Their Proximity to Photosensitive Units for Boosting MOF Photocatalysis. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 12220-12229	16.4	58
198	Integration of metal-organic frameworks and covalent organic frameworks: Design, synthesis, and applications. <i>Matter</i> , <b>2021</b> , 4, 2230-2265	12.7	33
197	Metal-Organic Framework-Based Hierarchically Porous Materials: Synthesis and Applications. <i>Chemical Reviews</i> , <b>2021</b> , 121, 12278-12326	68.1	110
196	Conversion of bimetallic MOF to Ru-doped Cu electrocatalysts for efficient hydrogen evolution in alkaline media. <i>Science Bulletin</i> , <b>2021</b> , 66, 257-264	10.6	31
195	Rapid room-temperature synthesis of a porphyrinic MOF for encapsulating metal nanoparticles. <i>Nano Research</i> , <b>2021</b> , 14, 444-449	10	10
194	Integration of Pd nanoparticles with engineered pore walls in MOFs for enhanced catalysis. <i>Chem</i> , <b>2021</b> , 7, 686-698	16.2	40
193	Precise fabrication of single-atom alloy co-catalyst with optimal charge state for enhanced photocatalysis. <i>National Science Review</i> , <b>2021</b> , 8, nwaa224	10.8	55

192	Metal-organic frameworks (MOFs) beyond crystallinity: amorphous MOFs, MOF liquids and MOF glasses. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 10562-10611	13	51
191	Encapsulating Copper Nanocrystals into Metal-Organic Frameworks for Cascade Reactions by Photothermal Catalysis. <i>Small</i> , <b>2021</b> , 17, e2004481	11	21
190	Rational Fabrication of Low-Coordinate Single-Atom Ni Electrocatalysts by MOFs for Highly Selective CO Reduction. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 7607-7611	16.4	113
189	Templating Synthesis of Metal-Organic Framework Nanofiber Aerogels and Their Derived Hollow Porous Carbon Nanofibers for Energy Storage and Conversion. <i>Small</i> , <b>2021</b> , 17, e2004140	11	13
188	Rational Fabrication of Low-Coordinate Single-Atom Ni Electrocatalysts by MOFs for Highly Selective CO <sub>2</sub> Reduction. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 7685-7689	3.6	14
187	Microenvironment Modulation in Metal-Organic Framework-Based Catalysis. <i>Accounts of Materials Research</i> , <b>2021</b> , 2, 327-339	7.5	40
186	Self-adaptive dual-metal-site pairs in metal-organic frameworks for selective CO <sub>2</sub> photoreduction to CH <sub>4</sub> . <i>Nature Catalysis</i> , <b>2021</b> , 4, 719-729	36.5	80
185	Large-Scale Production of Hierarchically Porous Metal-Organic Frameworks by a Reflux-Assisted Post-Synthetic Ligand Substitution Strategy. <i>ACS Central Science</i> , <b>2021</b> , 7, 1434-1440	16.8	10
184	Improving Water Stability of Metal-Organic Frameworks by a General Surface Hydrophobic Polymerization. <i>CCS Chemistry</i> , <b>2021</b> , 3, 2740-2748	7.2	13
183	A General Strategy to Immobilize Single-Atom Catalysts to Metal-Organic Frameworks for Enhanced Photocatalysis. <i>Advanced Materials</i> , <b>2021</b> , e2109203	24	8
182	Nano-sized metal-organic frameworks: Synthesis and applications. <i>Coordination Chemistry Reviews</i> , <b>2020</b> , 417, 213366	23.2	89
181	Accelerating Chemo- and Regioselective Hydrogenation of Alkynes over Bimetallic Nanoparticles in a Metal-Organic Framework. <i>ACS Catalysis</i> , <b>2020</b> , 10, 7753-7762	13.1	40
180	Nanocasting SiO <sub>2</sub> into metal-organic frameworks imparts dual protection to high-loading Fe single-atom electrocatalysts. <i>Nature Communications</i> , <b>2020</b> , 11, 2831	17.4	173
179	Boosting Catalysis of Pd Nanoparticles in MOFs by Pore Wall Engineering: The Roles of Electron Transfer and Adsorption Energy. <i>Advanced Materials</i> , <b>2020</b> , 32, e2000041	24	78
178	Photocatalytic CO <sub>2</sub> reduction over metal-organic framework-based materials. <i>Coordination Chemistry Reviews</i> , <b>2020</b> , 412, 213262	23.2	182
177	A unique coordination-driven route for the precise nanoassembly of metal sulfides on metal-organic frameworks. <i>Nanoscale Horizons</i> , <b>2020</b> , 5, 714-719	10.8	22
176	Microwave-Assisted Synthesis and Photocatalytic Performance of a Soluble Porphyrinic MOF. <i>Acta Chimica Sinica</i> , <b>2020</b> , 78, 688	3.3	13
175	Regulating the Coordination Environment of MOF-Templated Single-Atom Nickel Electrocatalysts for Boosting CO Reduction. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 2705-2709	16.4	227

174	Regulating the Coordination Environment of MOF-Templated Single-Atom Nickel Electrocatalysts for Boosting CO <sub>2</sub> Reduction. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 2727-2731	3.6	57
173	Photocatalytic Molecular Oxygen Activation by Regulating Excitonic Effects in Covalent Organic Frameworks. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 20763-20771	16.4	95
172	Single-Atom Electrocatalysts from Multivariate Metal-Organic Frameworks for Highly Selective Reduction of CO at Low Pressures. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 20589-20595	16.4	111
171	Metal-Organic Frameworks: Boosting Catalysis of Pd Nanoparticles in MOFs by Pore Wall Engineering: The Roles of Electron Transfer and Adsorption Energy (Adv. Mater. 30/2020). <i>Advanced Materials</i> , <b>2020</b> , 32, 2070225	24	9
170	Single-Atom Electrocatalysts from Multivariate Metal-Organic Frameworks for Highly Selective Reduction of CO <sub>2</sub> at Low Pressures. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 20770-20776	3.6	30
169	Incorporating Transition-Metal Phosphides Into Metal-Organic Frameworks for Enhanced Photocatalysis. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 22937-22943	3.6	9
168	Regulating Photocatalysis by Spin-State Manipulation of Cobalt in Covalent Organic Frameworks. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 16723-16731	16.4	126
167	Incorporating Transition-Metal Phosphides Into Metal-Organic Frameworks for Enhanced Photocatalysis. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 22749-22755	16.4	68
166	Encapsulating soluble active species into hollow crystalline porous capsules beyond integration of homogeneous and heterogeneous catalysis. <i>National Science Review</i> , <b>2020</b> , 7, 37-45	10.8	60
165	Metal-Organic-Framework-Based Single-Atom Catalysts for Energy Applications. <i>Chem</i> , <b>2019</b> , 5, 786-804	16.2	361
164	Boosting Electrocatalytic Hydrogen Evolution over Metal-Organic Frameworks by Plasmon-Induced Hot-Electron Injection. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 10823-10827	3.6	15
163	Boosting Electrocatalytic Hydrogen Evolution over Metal-Organic Frameworks by Plasmon-Induced Hot-Electron Injection. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 10713-10717	16.4	96
162	Carbon capture and conversion using metal-organic frameworks and MOF-based materials. <i>Chemical Society Reviews</i> , <b>2019</b> , 48, 2783-2828	58.5	910
161	Location determination of metal nanoparticles relative to a metal-organic framework. <i>Nature Communications</i> , <b>2019</b> , 10, 3462	17.4	57
160	Switching on the Photocatalysis of Metal-Organic Frameworks by Engineering Structural Defects. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 12303-12307	3.6	34
159	Metal-organic frameworks for catalysis: State of the art, challenges, and opportunities. <i>EnergyChem</i> , <b>2019</b> , 1, 100005	36.9	204
158	Switching on the Photocatalysis of Metal-Organic Frameworks by Engineering Structural Defects. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 12175-12179	16.4	162
157	Solar-Powered Artificial Photosynthesis Coupled with Organic Synthesis. <i>Chem</i> , <b>2019</b> , 5, 2508-2510	16.2	14

156	Turning on Visible-Light Photocatalytic C-H Oxidation over Metal-Organic Frameworks by Introducing Metal-to-Cluster Charge Transfer. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 19110-19117	16.4	148
155	Single-atom catalysts templated by metal-organic frameworks for electrochemical nitrogen reduction. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 26371-26377	13	76
154	Improving MOF stability: approaches and applications. <i>Chemical Science</i> , <b>2019</b> , 10, 10209-10230	9.4	366
153	A molecular-templating strategy to polyamine-incorporated porous organic polymers for unprecedented CO <sub>2</sub> capture and separation. <i>Science China Materials</i> , <b>2019</b> , 62, 448-454	7.1	9
152	Metal-Organic-Framework-Derived Hollow N-Doped Porous Carbon with Ultrahigh Concentrations of Single Zn Atoms for Efficient Carbon Dioxide Conversion. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 3511-3515	16.4	313
151	Metal-Organic-Framework-Derived Hollow N-Doped Porous Carbon with Ultrahigh Concentrations of Single Zn Atoms for Efficient Carbon Dioxide Conversion. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 3549-3553	3.6	52
150	Metal-Organic Frameworks for Photocatalysis and Photothermal Catalysis. <i>Accounts of Chemical Research</i> , <b>2019</b> , 52, 356-366	24.3	541
149	Metal-organic frameworks: Structures and functional applications. <i>Materials Today</i> , <b>2019</b> , 27, 43-68	21.8	321
148	Direct evidence of charge separation in a metal-organic framework: efficient and selective photocatalytic oxidative coupling of amines charge and energy transfer. <i>Chemical Science</i> , <b>2018</b> , 9, 3152-3158	9.4	137
147	Photocatalytic Hydrogen Production Coupled with Selective Benzylamine Oxidation over MOF Composites. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 5379-5383	16.4	249
146	Incorporation of Imidazolium-Based Poly(ionic liquid)s into a Metal-Organic Framework for CO <sub>2</sub> Capture and Conversion. <i>ACS Catalysis</i> , <b>2018</b> , 8, 3194-3201	13.1	239
145	Metal-organic framework-derived porous materials for catalysis. <i>Coordination Chemistry Reviews</i> , <b>2018</b> , 362, 1-23	23.2	524
144	Incorporation of InS Nanoparticles into a Metal-Organic Framework for Ultrafast Removal of Hg from Water. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 4891-4897	5.1	46
143	Boosting Photocatalytic Hydrogen Production of Porphyrinic MOFs: The Metal Location in Metalloporphyrin Matters. <i>ACS Catalysis</i> , <b>2018</b> , 8, 4583-4590	13.1	120
142	Facile synthesis of graphene-supported Ni-CeOx nanocomposites as highly efficient catalysts for hydrolytic dehydrogenation of ammonia borane. <i>Nano Research</i> , <b>2018</b> , 11, 4412-4422	10	80
141	Light-enhanced acid catalysis over a metal-organic framework. <i>Chemical Communications</i> , <b>2018</b> , 54, 2498-2501	5	16
140	A noble-metal-free nanocatalyst for highly efficient and complete hydrogen evolution from N <sub>2</sub> H <sub>4</sub> BH <sub>3</sub> . <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 4386-4393	13	52
139	Single Pt Atoms Confined into a Metal-Organic Framework for Efficient Photocatalysis. <i>Advanced Materials</i> , <b>2018</b> , 30, 1705112	24	405

138	Rektitlebild: Integration of Plasmonic Effects and Schottky Junctions into Metal-Organic Framework Composites: Steering Charge Flow for Enhanced Visible-Light Photocatalysis (Angew. Chem. 4/2018). <i>Angewandte Chemie</i> , <b>2018</b> , 130, 1132-1132	3.6	1
137	Photocatalytic Hydrogen Production Coupled with Selective Benzylamine Oxidation over MOF Composites. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 5477-5481	3.6	71
136	Encapsulating surface-clean metal nanoparticles inside metal-organic frameworks for enhanced catalysis using a novel X-ray radiation approach. <i>Inorganic Chemistry Frontiers</i> , <b>2018</b> , 5, 29-38	6.8	9
135	From Metal-Organic Frameworks to Single-Atom Fe Implanted N-doped Porous Carbons: Efficient Oxygen Reduction in Both Alkaline and Acidic Media. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 8525-8529	16.4	462
134	From Metal-Organic Frameworks to Single-Atom Fe Implanted N-doped Porous Carbons: Efficient Oxygen Reduction in Both Alkaline and Acidic Media. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 8661-8665	3.6	79
133	Sodium-Doped C N /MOF Heterojunction Composites with Tunable Band Structures for Photocatalysis: Interplay between Light Harvesting and Electron Transfer. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 18403-18407	4.8	64
132	Metal-organic frameworks for photocatalysis. <i>Scientia Sinica Chimica</i> , <b>2018</b> , 48, 1058-1075	1.6	13
131	Metal-Organic Frameworks as Platforms for Catalytic Applications. <i>Advanced Materials</i> , <b>2018</b> , 30, e1703663	6.3	833
130	[TiZrO(COO)] Cluster: An Ideal Inorganic Building Unit for Photoactive Metal-Organic Frameworks. <i>ACS Central Science</i> , <b>2018</b> , 4, 105-111	16.8	148
129	Integration of Plasmonic Effects and Schottky Junctions into Metal-Organic Framework Composites: Steering Charge Flow for Enhanced Visible-Light Photocatalysis. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 1115-1119	3.6	26
128	Integration of Plasmonic Effects and Schottky Junctions into Metal-Organic Framework Composites: Steering Charge Flow for Enhanced Visible-Light Photocatalysis. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 1103-1107	16.4	296
127	Location effect in a photocatalytic hybrid system of metal-organic framework interfaced with semiconductor nanoparticles. <i>Chinese Journal of Chemical Physics</i> , <b>2018</b> , 31, 613-618	0.9	10
126	Oxidation or Reduction State of Au Stabilized by an MOF: Active Site Identification for the Three-Component Coupling Reaction. <i>Small Methods</i> , <b>2018</b> , 2, 1800216	12.8	15
125	Unveiling Charge-Separation Dynamics in CdS/Metal-Organic Framework Composites for Enhanced Photocatalysis. <i>ACS Catalysis</i> , <b>2018</b> , 8, 11615-11621	13.1	150
124	From UV to Near-Infrared Light-Responsive Metal-Organic Framework Composites: Plasmon and Upconversion Enhanced Photocatalysis. <i>Advanced Materials</i> , <b>2018</b> , 30, e1707377	24	146
123	Optimization of ultrasonic cell grinder extraction of anthocyanins from blueberry using response surface methodology. <i>Ultrasonics Sonochemistry</i> , <b>2017</b> , 34, 325-331	8.9	57
122	Singlet Oxygen-Engaged Selective Photo-Oxidation over Pt Nanocrystals/Porphyrinic MOF: The Roles of Photothermal Effect and Pt Electronic State. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 2035-2044	16.4	458
121	Metal-organic frameworks meet metal nanoparticles: synergistic effect for enhanced catalysis. <i>Chemical Society Reviews</i> , <b>2017</b> , 46, 4774-4808	58.5	1137

120	Metal-Organic Frameworks for Heterogeneous Basic Catalysis. <i>Chemical Reviews</i> , <b>2017</b> , 117, 8129-8176	68.1	974
119	Thermally Stable Metal-Organic Framework-Templated Synthesis of Hierarchically Porous Metal Sulfides: Enhanced Photocatalytic Hydrogen Production. <i>Small</i> , <b>2017</b> , 13, 1700632	11	49
118	Template-Directed Growth of Well-Aligned MOF Arrays and Derived Self-Supporting Electrodes for Water Splitting. <i>Chem</i> , <b>2017</b> , 2, 791-802	16.2	319
117	Unprecedented Li Exchange in an Anionic Metal-Organic Framework: Significantly Enhanced Gas Uptake Capacity. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 4263-4266	5.1	25
116	Metal-Organic Framework-Templated Catalyst: Synergy in Multiple Sites for Catalytic CO Fixation. <i>ChemSusChem</i> , <b>2017</b> , 10, 1898-1903	8.3	74
115	A Modulator-Induced Defect-Formation Strategy to Hierarchically Porous Metal-Organic Frameworks with High Stability. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 563-567	16.4	337
114	A Modulator-Induced Defect-Formation Strategy to Hierarchically Porous Metal-Organic Frameworks with High Stability. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 578-582	3.6	83
113	Innentitelbild: A Modulator-Induced Defect-Formation Strategy to Hierarchically Porous Metal-Organic Frameworks with High Stability (Angew. Chem. 2/2017). <i>Angewandte Chemie</i> , <b>2017</b> , 129, 432-432	3.6	
112	Carbon dioxide capture and conversion by an acid-base resistant metal-organic framework. <i>Nature Communications</i> , <b>2017</b> , 8, 1233	17.4	215
111	From covalent triazine-based frameworks to N-doped porous carbon/reduced graphene oxide nanosheets: efficient electrocatalysts for oxygen reduction. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 23170-23178	13	47
110	Metal-Organic Frameworks and Their Composites: Synthesis and Electrochemical Applications. <i>Small Methods</i> , <b>2017</b> , 1, 1700187	12.8	119
109	Low-cost CuNi@MIL-101 as an excellent catalyst toward cascade reaction: integration of ammonia borane dehydrogenation with nitroarene hydrogenation. <i>Chemical Communications</i> , <b>2017</b> , 53, 12361-12364	5.8	65
108	Metal-Organic Framework-Derived FeCo-N-Doped Hollow Porous Carbon Nanocubes for Electrocatalysis in Acidic and Alkaline Media. <i>ChemSusChem</i> , <b>2017</b> , 10, 3019-3024	8.3	73
107	Boosting selective oxidation of cyclohexane over a metal-organic framework by hydrophobicity engineering of pore walls. <i>Chemical Communications</i> , <b>2017</b> , 53, 10026-10029	5.8	51
106	Porphyritic Metal-Organic Framework-Templated Fe-Ni-P/Reduced Graphene Oxide for Efficient Electrocatalytic Oxygen Evolution. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 23852-23858	9.5	85
105	Controlled Intercalation and Chemical Exfoliation of Layered Metal-Organic Frameworks Using a Chemically Labile Intercalating Agent. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 9136-9139	16.4	263
104	Porphyritic Metal-Organic Framework Catalyzed Heck-Reaction: Fluorescence Turn-On Sensing of Cu(II) Ion. <i>Chemistry of Materials</i> , <b>2016</b> , 28, 6698-6704	9.6	130
103	One-step assembly of a hierarchically porous phenolic resin-type polymer with high stability for CO capture and conversion. <i>Chemical Communications</i> , <b>2016</b> , 52, 12294-12297	5.8	40

102	In situ large-scale construction of sulfur-functionalized metal-organic framework and its efficient removal of Hg(II) from water. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 15370-15374	13	107
101	A Stretchable Electronic Fabric Artificial Skin with Pressure-, Lateral Strain-, and Flexion-Sensitive Properties. <i>Advanced Materials</i> , <b>2016</b> , 28, 722-8	24	325
100	Polydimethylsiloxane Coating for a Palladium/MOF Composite: Highly Improved Catalytic Performance by Surface Hydrophobization. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 7505-7509	3.6	56
99	Chemical Sensors Based on Metal-Organic Frameworks. <i>ChemPlusChem</i> , <b>2016</b> , 81, 675-690	2.8	465
98	Pd Nanocubes@ZIF-8: Integration of Plasmon-Driven Photothermal Conversion with a Metal-Organic Framework for Efficient and Selective Catalysis. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 3749-3753	3.6	99
97	Polydimethylsiloxane Coating for a Palladium/MOF Composite: Highly Improved Catalytic Performance by Surface Hydrophobization. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 7379-83	16.4	212
96	Rational synthesis of an exceptionally stable Zn(II) metal-organic framework for the highly selective and sensitive detection of picric acid. <i>Chemical Communications</i> , <b>2016</b> , 52, 5734-7	5.8	211
95	Coating sponge with a hydrophobic porous coordination polymer containing a low-energy CF <sub>3</sub> -decorated surface for continuous pumping recovery of an oil spill from water. <i>NPG Asia Materials</i> , <b>2016</b> , 8, e253-e253	10.3	89
94	Seed-Mediated Synthesis of Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 5316-20	16.4	78
93	A metal-organic framework-templated synthesis of Fe <sub>2</sub> O <sub>3</sub> nanoparticles encapsulated in porous carbon for efficient and chemoselective hydrogenation of nitro compounds. <i>Chemical Communications</i> , <b>2016</b> , 52, 4199-202	5.8	117
92	Exceptionally Robust In-Based Metal-Organic Framework for Highly Efficient Carbon Dioxide Capture and Conversion. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 3558-65	5.1	169
91	Metal-organic framework-based CoP/reduced graphene oxide: high-performance bifunctional electrocatalyst for overall water splitting. <i>Chemical Science</i> , <b>2016</b> , 7, 1690-1695	9.4	590
90	Palladium nanoparticles stabilized with N-doped porous carbons derived from metal-organic frameworks for selective catalysis in biofuel upgrade: the role of catalyst wettability. <i>Green Chemistry</i> , <b>2016</b> , 18, 1212-1217	10	118
89	Metal-Organic Frameworks for Catalysis. <i>Acta Chimica Sinica</i> , <b>2016</b> , 74, 113	3.3	52
88	Boosting Photocatalytic Hydrogen Production of a Metal-Organic Framework Decorated with Platinum Nanoparticles: The Platinum Location Matters. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 9535-9539	3.6	103
87	Pd Nanocubes@ZIF-8: Integration of Plasmon-Driven Photothermal Conversion with a Metal-Organic Framework for Efficient and Selective Catalysis. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 3685-9	16.4	356
86	Encapsulating a Co(II) Molecular Photocatalyst in Metal-Organic Framework for Visible-Light-Driven H <sub>2</sub> Production: Boosting Catalytic Efficiency via Spatial Charge Separation. <i>ACS Catalysis</i> , <b>2016</b> , 6, 5359-5365	13.1	140
85	Boosting Photocatalytic Hydrogen Production of a Metal-Organic Framework Decorated with Platinum Nanoparticles: The Platinum Location Matters. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 9389-93	16.4	366



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