

Yingwei Li

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.

188
papers

14,538
citations

69
h-index

116
g-index

205
ext. papers

16,971
ext. citations

9.5
avg, IF

7.23
L-index

#	Paper	IF	Citations
188	Copper-doped zinc sulfide nanoframes with three-dimensional photocatalytic surfaces for enhanced solar driven H ₂ production. <i>Chinese Journal of Catalysis</i> , 2022 , 43, 782-792	11.3	0
187	Heterogenizing homogeneous cocatalysts by well-designed hollow MOF-based nanoreactors for efficient and size-selective CO ₂ fixation. <i>Applied Catalysis B: Environmental</i> , 2022 , 307, 121163	21.8	3
186	Ultrathin Nanosheet Assembled Multishelled Superstructures for Photocatalytic CO Reduction.. <i>ACS Nano</i> , 2022 ,	16.7	10
185	Scalable synthesis of multi-shelled hollow N-doped carbon nanosheet arrays with confined Co/CoP heterostructures from MOFs for pH-universal hydrogen evolution reaction. <i>Science China Chemistry</i> , 2022 , 65, 619-629	7.9	1
184	Main-Group Metal Single-Atomic Regulators in Dual-Metal Catalysts for Enhanced Electrochemical CO Reduction.. <i>Small</i> , 2022 , e2201391	11	3
183	Subnanometric Cu clusters on atomically Fe-doped MoO for furfural upgrading to aviation biofuels.. <i>Nature Communications</i> , 2022 , 13, 2591	17.4	2
182	Boosting the Fischer-Tropsch synthesis performances of cobalt-based catalysts via geometric and electronic engineering: Construction of hollow structures. <i>Applied Catalysis B: Environmental</i> , 2022 , 313, 121469	21.8	1
181	Metal Sub-nanoclusters Confined within Hierarchical Porous Carbons with High Oxidation Activity. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 10842-10849	16.4	9
180	Metal Sub-nanoclusters Confined within Hierarchical Porous Carbons with High Oxidation Activity. <i>Angewandte Chemie</i> , 2021 , 133, 10937-10944	3.6	
179	Ordered Macroporous Carbonous Frameworks Implanted with CdS Quantum Dots for Efficient Photocatalytic CO Reduction. <i>Advanced Materials</i> , 2021 , 33, e2102690	24	47
178	Efficient hydrogenation of furfural to fufuryl alcohol over hierarchical MOF immobilized metal catalysts. <i>Catalysis Today</i> , 2021 , 368, 217-223	5.3	7
177	Encapsulation of ultrafine Pd nanoparticles within the shallow layers of UiO-67 for highly efficient hydrogenation reactions. <i>Science China Chemistry</i> , 2021 , 64, 109-115	7.9	5
176	A pyridinium-pended conjugated polyelectrolyte for efficient photocatalytic hydrogen evolution and organic solar cells. <i>Polymer Chemistry</i> , 2021 , 12, 1498-1506	4.9	5
175	Hierarchically porous Fe,N-doped carbon nanorods derived from 1D Fe-doped MOFs as highly efficient oxygen reduction electrocatalysts in both alkaline and acidic media. <i>Nanoscale</i> , 2021 , 13, 10500-10508 ⁶	7.7	6
174	Multienzyme-Mimic Ultrafine Alloyed Nanoparticles in Metal Organic Frameworks for Enhanced Chemodynamic Therapy. <i>Small</i> , 2021 , 17, e2005865	11	22
173	Nitrogen-Doped Carbon Composites with Ordered Macropores and Hollow Walls. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 23729-23734	16.4	8
172	Nitrogen-Doped Carbon Composites with Ordered Macropores and Hollow Walls. <i>Angewandte Chemie</i> , 2021 , 133, 23922	3.6	1

171	Hierarchical Double-Shelled CoP Nanocages for Efficient Visible-Light-Driven CO Reduction. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 45609-45618	9.5	7
170	Electrochemical synthesis of amorphous metal hydroxide microarrays with rich defects from MOFs for efficient electrocatalytic water oxidation. <i>Applied Catalysis B: Environmental</i> , 2021 , 292, 120174	21.8	19
169	Facile Synthesis of Boron and Nitrogen Dual-Doped Hollow Mesoporous Carbons for Efficient Reduction of 4-Nitrophenol. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 42598-42604	9.5	2
168	Dual-Metal Hetero-Single-Atoms with Different Coordination for Efficient Synergistic Catalysis. <i>Journal of the American Chemical Society</i> , 2021 , 143, 16068-16077	16.4	22
167	Metal organic frameworks for biomass conversion. <i>Chemical Society Reviews</i> , 2020 , 49, 3638-3687	58.5	91
166	Inverse and highly selective separation of CO ₂ /C ₂ H ₂ on a thulium-organic framework. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 11933-11937	13	44
165	Metal-Organic Frameworks as a Good Platform for the Fabrication of Single-Atom Catalysts. <i>ACS Catalysis</i> , 2020 , 10, 6579-6586	13.1	104
164	Advanced 3D Hollow-Out [email-protected] Combined with Hierarchical Zeolite for Highly Active and Selective CO Hydrogenation to Aromatics. <i>ACS Catalysis</i> , 2020 , 10, 7177-7187	13.1	24
163	Direct Alkoxy carbonylation of Heteroarenes via Cu-Mediated Trichloromethylation and In Situ Alcoholysis. <i>Organic Letters</i> , 2020 , 22, 2093-2098	6.2	11
162	Simple 2D/0D CoP Integration in a Metal-Organic Framework-Derived Bifunctional Electrocatalyst for Efficient Overall Water Splitting. <i>ChemSusChem</i> , 2020 , 13, 3495-3503	8.3	12
161	Water-Alcohol-Soluble Hyperbranched Polyelectrolytes and Their Application in Polymer Solar Cells and Photocatalysis. <i>ACS Applied Polymer Materials</i> , 2020 , 2, 12-18	4.3	23
160	MOF-Assisted Synthesis of Highly Mesoporous CrO/SiO Nanohybrids for Efficient Lewis-Acid-Catalyzed Reactions. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 48691-48699	9.5	6
159	Transition metal-based metal-organic frameworks for oxygen evolution reaction. <i>Coordination Chemistry Reviews</i> , 2020 , 424, 213488	23.2	62
158	Regulating the Electronic Structure and Water Adsorption Capability by Constructing Carbon-Doped CuO Hollow Spheres for Efficient Photocatalytic Hydrogen Evolution. <i>ChemSusChem</i> , 2020 , 13, 5711-5721	8.3	11
157	Ionic liquid [Bmim][AuCl ₄] encapsulated in ZIF-8 as precursors to synthesize N-decorated Au catalysts for selective aerobic oxidation of alcohols. <i>Catalysis Today</i> , 2020 , 351, 94-102	5.3	7
156	Structure-induced hollow Co ₃ O ₄ nanoparticles with rich oxygen vacancies for efficient CO oxidation. <i>Science China Materials</i> , 2020 , 63, 267-275	7.1	9
155	Synthetic Factors Affecting the Scalable Production of Zeolitic Imidazolate Frameworks. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 3632-3646	8.3	25
154	Few-layered 1T-MoS ₂ -modified ZnCoS solid-solution hollow dodecahedra for enhanced photocatalytic hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 8472-8484	13	34

153	Functional metal-organic frameworks for catalytic applications. <i>Coordination Chemistry Reviews</i> , 2019 , 388, 268-292	23.2	151
152	A KCl-assisted pyrolysis strategy to fabricate nitrogen-doped carbon nanotube hollow polyhedra for efficient bifunctional oxygen electrocatalysts. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 20310-20316 ¹³		23
151	Multishell Hollow Metal/Nitrogen/Carbon Dodecahedrons with Precisely Controlled Architectures and Synergistically Enhanced Catalytic Properties. <i>ACS Nano</i> , 2019 , 13, 7800-7810	16.7	74
150	Novel ZnCdS Quantum Dots Engineering for Enhanced Visible-Light-Driven Hydrogen Evolution. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 13805-13814	8.3	38
149	MOF-Derived Isolated Fe Atoms Implanted in N-Doped 3D Hierarchical Carbon as an Efficient ORR Electrocatalyst in Both Alkaline and Acidic Media. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 25976-25985 ¹⁰²	9.5	102
148	Hollow-Co ₃ O ₄ @Co ₃ O ₄ @SiO ₂ Multi-Yolk-Double-Shell Nanoreactors for Highly Efficient CO Oxidation. <i>ChemCatChem</i> , 2019 , 11, 772-779	5.2	15
147	General Immobilization of Ultrafine Alloyed Nanoparticles within Metal-Organic Frameworks with High Loadings for Advanced Synergetic Catalysis. <i>ACS Central Science</i> , 2019 , 5, 176-185	16.8	39
146	Encapsulation of metal nanostructures into metal-organic frameworks. <i>Dalton Transactions</i> , 2018 , 47, 3663-3668	4.3	33
145	Ethane-selective carbon composites CPDA@A-ACs with high uptake and its enhanced ethane/ethylene adsorption selectivity. <i>AIChE Journal</i> , 2018 , 64, 3390-3399	3.6	21
144	Phase-controllable synthesis of MOF-templated maghemite-carbonaceous composites for efficient photocatalytic hydrogen production. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 3571-3582	13	34
143	Amorphous TiO ₂ @NH-MIL-125(Ti) homologous MOF-encapsulated heterostructures with enhanced photocatalytic activity. <i>Chemical Communications</i> , 2018 , 54, 1917-1920	5.8	74
142	Ordered macro-microporous metal-organic framework single crystals. <i>Science</i> , 2018 , 359, 206-210	33.3	570
141	Heterogeneous Room Temperature Catalysis [Nanomaterials 2018 , 59-88		1
140	Nanoreactor of MOF-Derived Yolk-Shell : Precisely Controllable Structure and Enhanced Catalytic Activity. <i>ACS Catalysis</i> , 2018 , 8, 1417-1426	13.1	196
139	CoFe _x -CoFe ₂ O ₄ /N-doped carbon nanocomposite derived from in situ pyrolysis of a single source precursor as a superior bifunctional electrocatalyst for water splitting. <i>Electrochimica Acta</i> , 2018 , 262, 18-26	6.7	21
138	Encapsulation of ultrafine metal-oxide nanoparticles within mesopores for biomass-derived catalytic applications. <i>Chemical Science</i> , 2018 , 9, 1854-1859	9.4	49
137	A high-valent di-oxo dimanganese complex covalently anchored in a metal-organic framework as a highly efficient and recoverable water oxidation catalyst. <i>Chemical Communications</i> , 2018 , 54, 4188-4191 ⁸	5.8	7
136	Cobalt and Nitrogen Co-Doped Graphene-Carbon Nanotube Aerogel as an Efficient Bifunctional Electrocatalyst for Oxygen Reduction and Evolution Reactions. <i>Catalysts</i> , 2018 , 8, 275	4	15

135	Multi-Level Architecture Optimization of MOF-Templated Co-Based Nanoparticles Embedded in Hollow N-Doped Carbon Polyhedra for Efficient OER and ORR. <i>ACS Catalysis</i> , 2018 , 8, 7879-7888	13.1	247
134	Solvent-Driven Selectivity Control to Either Anilines or Dicyclohexylamines in Hydrogenation of Nitroarenes over a Bifunctional Pd/MIL-101 Catalyst. <i>ACS Catalysis</i> , 2018 , 8, 10641-10648	13.1	35
133	Encapsulation of C-N-decorated metal sub-nanoclusters/single atoms into a metal-organic framework for highly efficient catalysis. <i>Chemical Science</i> , 2018 , 9, 8962-8968	9.4	22
132	Self-Templated Formation of Pt@ZIF-8/SiO ₂ Composite with 3D-Ordered Macropores and Size-Selective Catalytic Properties. <i>Small Methods</i> , 2018 , 2, 1800219	12.8	20
131	Porous Anatase-TiO(B) Dual-Phase Nanorods Prepared from in Situ Pyrolysis of a Single Molecule Precursor Offer High Performance Lithium-Ion Storage. <i>Inorganic Chemistry</i> , 2018 , 57, 12245-12254	5.1	15
130	Fabricating sandwich-shelled ZnCdS/ZnO/ZnCdS dodecahedral cages with one stone as Z-scheme photocatalysts for highly efficient hydrogen production. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 19631-19642	13.1	69
129	In situ doping brushite on zinc manganese oxide toward enhanced water oxidation performance: Mimicry of an oxygen-evolving complex. <i>Chinese Journal of Catalysis</i> , 2018 , 39, 1017-1026	11.3	3
128	Asphalt-derived high surface area activated porous carbons for the effective adsorption separation of ethane and ethylene. <i>Chemical Engineering Science</i> , 2017 , 162, 192-202	4.4	68
127	Highly active and selective Co-based Fischer-Tropsch catalysts derived from metal-organic frameworks. <i>AIChE Journal</i> , 2017 , 63, 2935-2944	3.6	28
126	Hollow-ZIF-templated formation of a ZnO@CN/Co core-shell nanostructure for highly efficient pollutant photodegradation. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 9937-9945	13	111
125	In situ growth of cobalt sulfide hollow nanospheres embedded in nitrogen and sulfur co-doped graphene nanoholes as a highly active electrocatalyst for oxygen reduction and evolution. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 12354-12360	13	84
124	Controllable design of tunable nanostructures inside metal-organic frameworks. <i>Chemical Society Reviews</i> , 2017 , 46, 4614-4630	58.5	380
123	Formation of willow leaf-like structures composed of NH ₂ -MIL68(In) on a multifunctional multiwalled carbon nanotube backbone for enhanced photocatalytic reduction of Cr(VI). <i>Nano Research</i> , 2017 , 10, 3543-3556	10	51
122	Greening the Processes of Metal-Organic Framework Synthesis and their Use in Sustainable Catalysis. <i>ChemSusChem</i> , 2017 , 10, 3165-3187	8.3	97
121	A Co-doped porous niobium nitride nanogrid as an effective oxygen reduction catalyst. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 14278-14285	13	31
120	A novel DOBDC-functionalized MIL-100(Fe) and its enhanced CO ₂ capacity and selectivity. <i>Chemical Engineering Journal</i> , 2017 , 321, 600-607	14.7	25
119	One-step encapsulation of Pt-Co bimetallic nanoparticles within MOFs for advanced room temperature nanocatalysis. <i>Molecular Catalysis</i> , 2017 , 433, 77-83	3.3	26
118	Highly selective hydrogenation of phenol to cyclohexanol over MOF-derived non-noble Co-Ni@NC catalysts. <i>Chemical Engineering Science</i> , 2017 , 166, 66-76	4.4	59

117	Controlled Growth of Monodisperse Ferrite Octahedral Nanocrystals for Biomass-Derived Catalytic Applications. <i>ACS Catalysis</i> , 2017 , 7, 2948-2955	13.1	32
116	Catalytically active designer crown-jewel Pd-based nanostructures encapsulated in metal-organic frameworks. <i>Chemical Communications</i> , 2017 , 53, 1184-1187	5.8	29
115	Seed-induced and additive-free synthesis of oriented nanorod-assembled meso/macroporous zeolites: toward efficient and cost-effective catalysts for the MTA reaction. <i>Catalysis Science and Technology</i> , 2017 , 7, 5143-5153	5.5	22
114	Hollow ZnCdS dodecahedral cages for highly efficient visible-light-driven hydrogen generation. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 24116-24125	13	132
113	Rational design of hollow N/Co-doped carbon spheres from bimetal-ZIFs for high-efficiency electrocatalysis. <i>Chemical Engineering Journal</i> , 2017 , 330, 736-745	14.7	71
112	An Unprecedented Case: A Low Specific Surface Area Anatase/N-Doped Carbon Nanocomposite Derived from a New Single Source Precursor Affords Fast and Stable Lithium Storage. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 28527-28536	9.5	4
111	Metal-organic-framework-based catalysts for hydrogenation reactions. <i>Chinese Journal of Catalysis</i> , 2017 , 38, 1108-1126	11.3	33
110	Ultrafast room temperature synthesis of novel composites Imi@Cu-BTC with improved stability against moisture. <i>Chemical Engineering Journal</i> , 2017 , 307, 537-543	14.7	38
109	Bifunctional N-Doped Catalysts for Base-Free Transfer Hydrogenations of Nitriles: Controllable Selectivity to Primary Amines vs Imines. <i>ACS Catalysis</i> , 2017 , 7, 275-284	13.1	119
108	Efficient one-pot fructose to DFF conversion using sulfonated magnetically separable MOF-derived Fe ₃ O ₄ (111) catalysts. <i>Green Chemistry</i> , 2017 , 19, 647-655	10	68
107	Development of MOF-Derived Carbon-Based Nanomaterials for Efficient Catalysis. <i>ACS Catalysis</i> , 2016 , 6, 5887-5903	13.1	810
106	Improved Ethanol Adsorption Capacity and Coefficient of Performance for Adsorption Chillers of Composite Prepared by Rapid Room Temperature Synthesis. <i>Industrial & Engineering Chemistry Research</i> , 2016 , 55, 11767-11774	3.9	21
105	Multimetal-MOF-derived transition metal alloy NPs embedded in an N-doped carbon matrix: highly active catalysts for hydrogenation reactions. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 10254-10262	13	98
104	A covalent organic framework-based route to the encapsulation of metal nanoparticles in N-rich hollow carbon spheres. <i>Chemical Science</i> , 2016 , 7, 6015-6020	9.4	80
103	Ethane selective adsorbent Ni(bdc)(ted) _{0.5} with high uptake and its significance in adsorption separation of ethane and ethylene. <i>Chemical Engineering Science</i> , 2016 , 148, 275-281	4.4	98
102	Ni-based catalysts derived from a metal-organic framework for selective oxidation of alkanes. <i>Chinese Journal of Catalysis</i> , 2016 , 37, 955-962	11.3	20
101	Transition Metal Nitride Coated with Atomic Layers of Pt as a Low-Cost, Highly Stable Electrocatalyst for the Oxygen Reduction Reaction. <i>Journal of the American Chemical Society</i> , 2016 , 138, 1575-83	16.4	279
100	Ni@Pd core-shell nanoparticles supported on a metal-organic framework as highly efficient catalysts for nitroarenes reduction. <i>Chinese Journal of Catalysis</i> , 2016 , 37, 91-97	11.3	23

99	Encapsulation of a Metal-Organic Polyhedral in the Pores of a Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2016 , 138, 1138-41	16.4	82
98	Controllable Encapsulation of "Clean" Metal Clusters within MOFs through Kinetic Modulation: Towards Advanced Heterogeneous Nanocatalysts. <i>Angewandte Chemie</i> , 2016 , 128, 5103-5107	3.6	38
97	Selective aerobic oxidation of biomass-derived HMF to 2,5-diformylfuran using a MOF-derived magnetic hollow Fe ₃ O ₄ nanocatalyst. <i>Green Chemistry</i> , 2016 , 18, 3152-3157	10	126
96	Efficient and selective green oxidation of alcohols by MOF-derived magnetic nanoparticles as a recoverable catalyst. <i>RSC Advances</i> , 2016 , 6, 26921-26928	3.7	32
95	Nanoporous carbons derived from MOFs as metal-free catalysts for selective aerobic oxidations. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 5247-5257	13	62
94	Seed-mediated growth of MOF-encapsulated Pd@Ag core-shell nanoparticles: toward advanced room temperature nanocatalysts. <i>Chemical Science</i> , 2016 , 7, 228-233	9.4	102
93	Efficient and selective aerobic oxidation of alcohols catalysed by MOF-derived Co catalysts. <i>Green Chemistry</i> , 2016 , 18, 1061-1069	10	156
92	The Road to MOF-Related Functional Materials and Beyond: Desire, Design, Decoration, and Development. <i>Chemical Record</i> , 2016 , 16, 1456-76	6.6	14
91	A novel carbonized polydopamine (C-PDA) adsorbent with high CO ₂ adsorption capacity and water vapor resistance. <i>AIChE Journal</i> , 2016 , 62, 3730-3738	3.6	31
90	Nanocomposites of Platinum/Metal-Organic Frameworks Coated with Metal-Organic Frameworks with Remarkably Enhanced Chemoselectivity for Cinnamaldehyde Hydrogenation. <i>ChemCatChem</i> , 2016 , 8, 946-951	5.2	57
89	Controllable Encapsulation of "Clean" Metal Clusters within MOFs through Kinetic Modulation: Towards Advanced Heterogeneous Nanocatalysts. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 5019-23	16.4	150
88	Insights into the activity, selectivity and stability of heterogeneous catalysts in the continuous flow hydroconversion of furfural. <i>Catalysis Science and Technology</i> , 2016 , 6, 4705-4711	5.5	37
87	Chemoselective hydrogenation of functionalized nitroarenes using MOF-derived co-based catalysts. <i>Journal of Molecular Catalysis A</i> , 2016 , 420, 56-65		67
86	Mechanochemical synthesis of Cu-BTC@GO with enhanced water stability and toluene adsorption capacity. <i>Chemical Engineering Journal</i> , 2016 , 298, 191-197	14.7	132
85	Limitations and Improvement Strategies for Early-Transition-Metal Nitrides as Competitive Catalysts toward the Oxygen Reduction Reaction. <i>ACS Catalysis</i> , 2016 , 6, 6165-6174	13.1	81
84	In situ one-step synthesis of metal-organic framework encapsulated naked Pt nanoparticles without additional reductants. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 8028-8033	13	66
83	MOFs-Templated [email-protected] Core-Shell NPs Embedded in N-Doped Carbon Matrix with Superior Hydrogenation Activities. <i>ACS Catalysis</i> , 2015 , 5, 5264-5271	13.1	169
82	Ultra-high-performance core-shell structured Ru@Pt/C catalyst prepared by a facile pulse electrochemical deposition method. <i>Scientific Reports</i> , 2015 , 5, 11604	4.9	17

81	One-step encapsulation of Pd nanoparticles in MOFs via a temperature control program. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 15259-15264	13	65
80	Efficient and selective hydrogenation of biomass-derived furfural to cyclopentanone using Ru catalysts. <i>Green Chemistry</i> , 2015 , 17, 4183-4188	10	133
79	Adsorption isotherms and kinetics of water vapor on novel adsorbents MIL-101(Cr)@GO with super-high capacity. <i>Applied Thermal Engineering</i> , 2015 , 84, 118-125	5.8	90
78	Ruthenium nanoparticles mounted on multielement co-doped graphene: an ultra-high-efficiency cathode catalyst for LiO ₂ batteries. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 11224-11231	13	57
77	"Click" post-functionalization of a metal-organic framework for engineering active single-site heterogeneous Ru(III) catalysts. <i>Chemical Communications</i> , 2015 , 51, 9884-7	5.8	47
76	An ultra high performance multi-element doped mesoporous carbon catalyst derived from poly(4-vinylpyridine). <i>Journal of Materials Chemistry A</i> , 2015 , 3, 23512-23519	13	12
75	Transfer hydrogenation of unsaturated bonds in the absence of base additives catalyzed by a cobalt-based heterogeneous catalyst. <i>Chemical Communications</i> , 2015 , 51, 2331-4	5.8	82
74	Immobilization of Pd(II) on MOFs as a highly active heterogeneous catalyst for Suzuki-Miyaura and Ullmann-type coupling reactions. <i>Catalysis Today</i> , 2015 , 245, 122-128	5.3	89
73	Ammonium iodide-induced sulfonylation of alkenes with DMSO and water toward the synthesis of vinyl methyl sulfones. <i>Chemical Communications</i> , 2015 , 51, 210-2	5.8	96
72	Nanoscale Co-based catalysts for low-temperature CO oxidation. <i>Catalysis Science and Technology</i> , 2015 , 5, 1014-1020	5.5	56
71	Solventless hydrogenation of benzene to cyclohexane over a heterogeneous RuPt bimetallic catalyst. <i>Chemical Engineering Science</i> , 2015 , 122, 350-359	4.4	45
70	Metal-Organic Frameworks: Encapsulation of Mono- or Bimetal Nanoparticles Inside Metal-Organic Frameworks via In situ Incorporation of Metal Precursors (Small 22/2015). <i>Small</i> , 2015 , 11, 2586-2586	11	1
69	A novel mechanochemical method for reconstructing the moisture-degraded HKUST-1. <i>Chemical Communications</i> , 2015 , 51, 10835-8	5.8	34
68	Easy Access to Amides through Aldehydic C=O Bond Functionalization Catalyzed by Heterogeneous Co-Based Catalysts. <i>ACS Catalysis</i> , 2015 , 5, 884-891	13.1	87
67	NH ₄ I-mediated three-component coupling reaction: metal-free synthesis of α -alkoxy methyl sulfides from DMSO, alcohols, and styrenes. <i>Organic Letters</i> , 2015 , 17, 1038-41	6.2	97
66	Base-Free Oxidation of Alcohols to Esters at Room Temperature and Atmospheric Conditions using Nanoscale Co-Based Catalysts. <i>ACS Catalysis</i> , 2015 , 5, 1850-1856	13.1	247
65	Chemoselective Hydrogenation of Cinnamaldehyde over a Pt-Lewis Acid Collaborative Catalyst under Ambient Conditions. <i>Industrial & Engineering Chemistry Research</i> , 2015 , 54, 1487-1497	3.9	40
64	Controlled growth of dense and ordered metal-organic framework nanoparticles on graphene oxide. <i>Chemical Communications</i> , 2015 , 51, 3874-7	5.8	61

63	Encapsulation of Mono- or Bimetal Nanoparticles Inside Metal-Organic Frameworks via In situ Incorporation of Metal Precursors. <i>Small</i> , 2015 , 11, 2642-8	11	73
62	Solventless oxidative coupling of amines to imines by using transition-metal-free metal-organic frameworks. <i>ChemSusChem</i> , 2014 , 7, 1684-8	8.3	52
61	Metal-organic framework MIL-101 doped with palladium for toluene adsorption and hydrogen storage. <i>RSC Advances</i> , 2014 , 4, 2414-2420	3.7	43
60	Conversion of polystyrene foam to a high-performance doped carbon catalyst with ultrahigh surface area and hierarchical porous structures for oxygen reduction. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 12240-12246	13	48
59	Carbonylative Sonogashira coupling of terminal alkynes with aryl iodides under atmospheric pressure of CO using Pd(II)@MOF as the catalyst. <i>Catalysis Science and Technology</i> , 2014 , 4, 3261	5.5	40
58	One-pot synthesis of Pd@MOF composites without the addition of stabilizing agents. <i>Chemical Communications</i> , 2014 , 50, 14752-5	5.8	72
57	Facile one-pot approach to the synthesis of spherical mesoporous silica nanoflowers with hierarchical pore structure. <i>Applied Surface Science</i> , 2014 , 314, 7-14	6.7	23
56	Metal-organic framework encapsulated Pd nanoparticles: towards advanced heterogeneous catalysts. <i>Chemical Science</i> , 2014 , 5, 3708-3714	9.4	190
55	Selective hydrogenation of nitriles to imines over a multifunctional heterogeneous Pt catalyst. <i>AIChE Journal</i> , 2014 , 60, 3565-3576	3.6	19
54	A molecular Pd(II) complex incorporated into a MOF as a highly active single-site heterogeneous catalyst for C-Cl bond activation. <i>Green Chemistry</i> , 2014 , 16, 3978	10	107
53	A novel MOF/graphene oxide composite GrO@MIL-101 with high adsorption capacity for acetone. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 4722-4730	13	165
52	Synthesis and adsorption performance of MIL-101(Cr)/graphite oxide composites with high capacities of n-hexane. <i>Chemical Engineering Journal</i> , 2014 , 239, 226-232	14.7	163
51	Uniform nitrogen and sulfur co-doped carbon nanospheres as catalysts for the oxygen reduction reaction. <i>Carbon</i> , 2014 , 69, 294-301	10.4	98
50	Highly dispersed Pt in MIL-101: An efficient catalyst for the hydrogenation of nitroarenes. <i>Catalysis Communications</i> , 2013 , 41, 56-59	3.2	48
49	Effect of Textural Properties on the Adsorption and Desorption of Toluene on the Metal-Organic Frameworks HKUST-1 and MIL-101. <i>Adsorption Science and Technology</i> , 2013 , 31, 325-339	3.6	31
48	Palladium supported on an acidic metal-organic framework as an efficient catalyst in selective aerobic oxidation of alcohols. <i>Green Chemistry</i> , 2013 , 15, 230-235	10	136
47	Electrochemical behavior of metal-organic framework MIL-101 modified carbon paste electrode: An excellent candidate for electroanalysis. <i>Journal of Electroanalytical Chemistry</i> , 2013 , 709, 65-69	4.1	66
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44	Iron oxide functionalised MIL-101 materials in aqueous phase selective oxidations. <i>Applied Catalysis A: General</i> , 2013 , 455, 261-266	5.1	35
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17	Effects of CO ₂ on synthesis of isobutene and isobutane from CO ₂ /CO/H ₂ reactant mixtures over zirconia-based catalysts. <i>Applied Catalysis B: Environmental</i> , 2008 , 80, 72-80	21.8	7
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