Da-Qiang Yuan

List of Publications by Year
in descending order

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409 papers	33,540 citations	3149 92 h-index	5227 165 g-index
428 all docs	428 docs citations	428 times ranked	20861 citing authors

#	Article	IF	Citations
1	Potential applications of metal-organic frameworks. Coordination Chemistry Reviews, 2009, 253, 3042-3066.	9.5	1,422
2	Tuning the Topology and Functionality of Metalâ"Organic Frameworks by Ligand Design. Accounts of Chemical Research, 2011, 44, 123-133.	7.6	956
3	Metal-Organic Framework from an Anthracene Derivative Containing Nanoscopic Cages Exhibiting High Methane Uptake. Journal of the American Chemical Society, 2008, 130, 1012-1016.	6.6	813
4	An Isoreticular Series of Metalâ€"Organic Frameworks with Dendritic Hexacarboxylate Ligands and Exceptionally High Gasâ€Uptake Capacity. Angewandte Chemie - International Edition, 2010, 49, 5357-5361.	7.2	677
5	A Pyrene-Based, Fluorescent Three-Dimensional Covalent Organic Framework. Journal of the American Chemical Society, 2016, 138, 3302-3305.	6.6	628
6	Two-Dimensional Metalâ€"Organic Framework with Wide Channels and Responsive Turn-On Fluorescence for the Chemical Sensing of Volatile Organic Compounds. Journal of the American Chemical Society, 2014, 136, 7241-7244.	6.6	593
7	Mixed Matrix Membranes (MMMs) Comprising Exfoliated 2D Covalent Organic Frameworks (COFs) for Efficient CO₂ Separation. Chemistry of Materials, 2016, 28, 1277-1285.	3.2	541
8	Stable metal-organic frameworks containing single-molecule traps for enzyme encapsulation. Nature Communications, 2015, 6, 5979.	5.8	540
9	Highly Stable Porous Polymer Networks with Exceptionally High Gasâ€Uptake Capacities. Advanced Materials, 2011, 23, 3723-3725.	11.1	528
10	Sulfonate-Grafted Porous Polymer Networks for Preferential CO₂ Adsorption at Low Pressure. Journal of the American Chemical Society, 2011, 133, 18126-18129.	6.6	522
11	Polyamineâ€Tethered Porous Polymer Networks for Carbon Dioxide Capture from Flue Gas. Angewandte Chemie - International Edition, 2012, 51, 7480-7484.	7.2	518
12	Porous Polymer Networks: Synthesis, Porosity, and Applications in Gas Storage/Separation. Chemistry of Materials, 2010, 22, 5964-5972.	3.2	512
13	Reversible Alteration of CO₂ Adsorption upon Photochemical or Thermal Treatment in a Metalâ€"Organic Framework. Journal of the American Chemical Society, 2012, 134, 99-102.	6.6	441
14	The current status of hydrogen storage in metalâ€"organic frameworksâ€"updated. Energy and Environmental Science, 2011, 4, 2721.	15.6	429
15	The current status of hydrogen storage in metalâ€"organic frameworks. Energy and Environmental Science, 2008, 1, 222.	15.6	411
16	Rational Design of Crystalline Covalent Organic Frameworks for Efficient CO₂ Photoreduction with H₂O. Angewandte Chemie - International Edition, 2019, 58, 12392-12397.	7.2	360
17	Kinetically tuned dimensional augmentation as a versatile synthetic route towards robust metalâ€"organic frameworks. Nature Communications, 2014, 5, 5723.	5.8	332
18	Surface Functionalization of Porous Coordination Nanocages Via Click Chemistry and Their Application in Drug Delivery. Advanced Materials, 2011, 23, 90-93.	11.1	329

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19	Stabilization of Metalâ^'Organic Frameworks with High Surface Areas by the Incorporation of Mesocavities with Microwindows. Journal of the American Chemical Society, 2009, 131, 9186-9188.	6.6	316
20	An Ideal Molecular Sieve for Acetylene Removal from Ethylene with Record Selectivity and Productivity. Advanced Materials, 2017, 29, 1704210.	11.1	310
21	Enhancing H₂ Uptake by â€œCloseâ€Packingâ€•Alignment of Open Copper Sites in Metalâ€“Organic Frameworks. Angewandte Chemie - International Edition, 2008, 47, 7263-7266.	7.2	306
22	Optimizing Multivariate Metalâ€“Organic Frameworks for Efficient C₂H₂/CO₂ Separation. Journal of the American Chemical Society, 2020, 142, 8728-8737.	6.6	289
23	A porous metal-organic framework with ultrahigh acetylene uptake capacity under ambient conditions. Nature Communications, 2015, 6, 7575.	5.8	288
24	Carbon dioxide capture and conversion by an acid-base resistant metal-organic framework. Nature Communications, 2017, 8, 1233.	5.8	286
25	Functional Mesoporous Metalâ^'Organic Frameworks for the Capture of Heavy Metal Ions and Size-Selective Catalysis. Inorganic Chemistry, 2010, 49, 11637-11642.	1.9	283
26	A Coordinatively Linked Yb Metalâ€“Organic Framework Demonstrates High Thermal Stability and Uncommon Gasâ€Adsorption Selectivity. Angewandte Chemie - International Edition, 2008, 47, 4130-4133.	7.2	280
27	Mechanoassisted Synthesis of Sulfonated Covalent Organic Frameworks with High Intrinsic Proton Conductivity. ACS Applied Materials & Interfaces, 2016, 8, 18505-18512.	4.0	259
28	An Ultrastable and Easily Regenerated Hydrogenâ€Bonded Organic Molecular Framework with Permanent Porosity. Angewandte Chemie - International Edition, 2017, 56, 2101-2104.	7.2	254
29	Metalâ^'Organic Frameworks Based on Double-Bond-Coupled Di-Isophthalate Linkers with High Hydrogen and Methane Uptakes. Chemistry of Materials, 2008, 20, 3145-3152.	3.2	248
30	Carbon dioxide capture in amorphous porous organic polymers. Journal of Materials Chemistry A, 2017, 5, 1334-1347.	5.2	236
31	Room Temperature Batch and Continuous Flow Synthesis of Water-Stable Covalent Organic Frameworks (COFs). Chemistry of Materials, 2016, 28, 5095-5101.	3.2	228
32	A multi-metal-cluster MOF with Cu4I4 and Cu6S6 as functional groups exhibiting dual emission with both thermochromic and near-IR character. Chemical Science, 2013, 4, 1484.	3.7	202
33	Exceptionally Robust In-Based Metalâ€“Organic Framework for Highly Efficient Carbon Dioxide Capture and Conversion. Inorganic Chemistry, 2016, 55, 3558-3565.	1.9	199
34	Microporous Lanthanide Metal-Organic Frameworks Containing Coordinatively Linked Interpenetration: Syntheses, Gas Adsorption Studies, Thermal Stability Analysis, and Photoluminescence Investigation. Inorganic Chemistry, 2009, 48, 2072-2077.	1.9	189
35	Mechanized azobenzene-functionalized zirconium metal-organic framework for on-command cargo release. Science Advances, 2016, 2, e1600480.	4.7	188
36	Poly(polyoxotungstate)s with 20 Nickel Centers: From Nanoclusters to Oneâ€Dimensional Chains. Angewandte Chemie - International Edition, 2009, 48, 7176-7179.	7.2	187

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37	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
38	Direct Solarâ€toâ€Electrochemical Energy Storage in a Functionalized Covalent Organic Framework. Angewandte Chemie - International Edition, 2018, 57, 12716-12720.	7.2	184
39	Ligand Bridging-Angle-Driven Assembly of Molecular Architectures Based on Quadruply Bonded Moâ‹¯Mo Dimers. Journal of the American Chemical Society, 2010, 132, 17599-17610.	6.6	182
40	A novel nonlinear optically active tubular coordination network based on two distinct homo-chiral helices. Chemical Communications, 2003, , 2580.	2.2	180
41	Copper Complex Cation Templated Gadolinium(III)-Isophthalate Frameworks. Angewandte Chemie - International Edition, 2004, 43, 5665-5668.	7.2	174
42	New Lanthanide Hybrid as Clustered Infinite Nanotunnel with 3D Lnâ‹¯Oâ‹¯Ln Framework and (3,4)-Connected Net. Inorganic Chemistry, 2007, 46, 1171-1176.	1.9	169
43	Combination between lacunary polyoxometalates and high-nuclear transition metal clusters under hydrothermal conditions: I. from isolated cluster to 1-D chain. Chemical Communications, 2007, , 1858.	2.2	166
44	Synthesis of a Sulfonated Twoâ€Dimensional Covalent Organic Framework as an Efficient Solid Acid Catalyst for Biobased Chemical Conversion. ChemSusChem, 2015, 8, 3208-3212.	3.6	163
45	An unusual case of symmetry-preserving isomerism. Chemical Communications, 2010, 46, 1329.	2.2	162
46	Direct Synthesis of Hierarchically Porous Metalâ€“Organic Frameworks with High Stability and Strong BrÃ¸nsted Acidity: The Decisive Role of Hafnium in Efficient and Selective Fructose Dehydration. Chemistry of Materials, 2016, 28, 2659-2667.	3.2	160
47	Chiral induction in covalent organic frameworks. Nature Communications, 2018, 9, 1294.	5.8	160
48	Process-Tracing Study on the Postassembly Modification of Highly Stable Zirconium Metalâ€“Organic Cages. Journal of the American Chemical Society, 2018, 140, 6231-6234.	6.6	159
49	Two polymeric 36-metal pure lanthanide nanosize clusters. Chemical Science, 2013, 4, 3104.	3.7	154
50	Carbon Dioxide Capture from Air Using Amine-Grafted Porous Polymer Networks. Journal of Physical Chemistry C, 2013, 117, 4057-4061.	1.5	153
51	Control the Structure of Zr-Tetracarboxylate Frameworks through Steric Tuning. Journal of the American Chemical Society, 2017, 139, 16939-16945.	6.6	153
52	Three Novel Cadmium(II) Complexes from Different Conformational 1,1â€˜-Biphenyl-3,3â€˜-dicarboxylate. Crystal Growth and Design, 2005, 5, 129-135.	1.4	152
53	Evolution of Luminescent Supramolecular Lanthanide M_{2n}L_{3n} Complexes from Helicates and Tetrahedra to Cubes. Journal of the American Chemical Society, 2017, 139, 8237-8244.	6.6	152
54	Ultrathin two-dimensional porous organic nanosheets with molecular rotors for chemical sensing. Nature Communications, 2017, 8, 1142.	5.8	152

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55	Three-Dimensional Large-Pore Covalent Organic Framework with stp Topology. Journal of the American Chemical Society, 2020, 142, 13334-13338.	6.6	149
56	Highly selective carbon dioxide adsorption in a water-stable indiumâ€“organic framework material. Chemical Communications, 2012, 48, 9696.	2.2	148
57	A Oneâ€Dimensional Ïâ€“d Conjugated Coordination Polymer for Sodium Storage with Catalytic Activity in Negishi Coupling. Angewandte Chemie - International Edition, 2019, 58, 14731-14739.	7.2	144
58	Two 3D Porous Cadmium Tetrazolate Frameworks with Hexagonal Tunnels. Inorganic Chemistry, 2006, 45, 5760-5766.	1.9	142
59	A NbO-type metalâ€“organic framework derived from a polyyne-coupled di-isophthalate linker formed in situ. Chemical Communications, 2010, 46, 4196.	2.2	139
60	Highly Potent Bactericidal Activity of Porous Metalâ€Organic Frameworks. Advanced Healthcare Materials, 2012, 1, 225-238.	3.9	136
61	A porous covalent porphyrin framework with exceptional uptake capacity of saturated hydrocarbons for oil spill cleanup. Chemical Communications, 2013, 49, 1533.	2.2	136
62	Microporous Hexanuclear Ln(III) Cluster-Based Metalâ€“Organic Frameworks: Color Tunability for Barcode Application and Selective Removal of Methylene Blue. Inorganic Chemistry, 2017, 56, 511-517.	1.9	136
63	In situ large-scale construction of sulfur-functionalized metalâ€“organic framework and its efficient removal of Hg(<scp>ii</scp>) from water. Journal of Materials Chemistry A, 2016, 4, 15370-15374.	5.2	135
64	A facile synthesis of microporous organic polymers for efficient gas storage and separation. Journal of Materials Chemistry A, 2015, 3, 3051-3058.	5.2	133
65	A regenerative metalâ€“organic framework for reversible uptake of Cd(<scp>ii</scp>): from effective adsorption to in situ detection. Chemical Science, 2016, 7, 5983-5988.	3.7	133
66	Syntheses and Characterizations of Two 3D Cobaltâˆ’Organic Frameworks from 2D Honeycomb Building Blocks. Crystal Growth and Design, 2005, 5, 1849-1855.	1.4	131
67	Truncated octahedral coordination cage incorporating six tetranuclear-metal building blocks and twelve linear edges. Chemical Science, 2012, 3, 2321.	3.7	131
68	Fast, highly selective and sensitive anionic metal-organic framework with nitrogen-rich sites fluorescent chemosensor for nitro explosives detection. Journal of Hazardous Materials, 2018, 344, 283-290.	6.5	129
69	New 3-D Chiral Framework of Indium with 1,3,5-Benzenetricarboxylate. Inorganic Chemistry, 2005, 44, 73-76.	1.9	128
70	Restriction of Molecular Rotors in Ultrathin Two-Dimensional Covalent Organic Framework Nanosheets for Sensing Signal Amplification. Chemistry of Materials, 2019, 31, 146-160.	3.2	125
71	Covalent Organic Framework Hosting MetalloporphyrinâEBased Carbon Dots for Visibleâ€Lightâ€Driven Selective CO₂Reduction. Advanced Functional Materials, 2020, 30, 2002654.	7.8	125
72	Isomer separation, conformation control of flexible cyclohexanedicarboxylate ligand in cadmium complexes. Chemical Communications, 2004, , 2104-2105.	2.2	124

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73	Control over Interpenetration in Lanthanideâ^'Organic Frameworks: Synthetic Strategy and Gas-Adsorption Properties. Inorganic Chemistry, 2010, 49, 7605-7607.	1.9	122
74	In Situ Construction of a Coordination Zirconocene Tetrahedron. Inorganic Chemistry, 2013, 52, 13815-13817.	1.9	122
75	An Unprecedented Pillarâ€Cage Fluorinated Hybrid Porous Framework with Highly Efficient Acetylene Storage and Separation. Angewandte Chemie - International Edition, 2021, 60, 7547-7552.	7.2	120
76	Confinement of Aggregation-Induced Emission Molecular Rotors in Ultrathin Two-Dimensional Porous Organic Nanosheets for Enhanced Molecular Recognition. Journal of the American Chemical Society, 2018, 140, 4035-4046.	6.6	119
77	Preparation and Gas Adsorption Studies of Three Mesh-Adjustable Molecular Sieves with a Common Structure. Journal of the American Chemical Society, 2009, 131, 6445-6451.	6.6	117
78	Kinetically controlled synthesis of two-dimensional Zr/Hf metalâ€“organic framework nanosheets via a modulated hydrothermal approach. Journal of Materials Chemistry A, 2017, 5, 8954-8963.	5.2	117
79	Syntheses and Crystal Structures of Copper(II) Coordination Polymers Comprising Discrete Helical Chains. Crystal Growth and Design, 2005, 5, 251-256.	1.4	115
80	In Situ Formed White-Light-Emitting Lanthanideâ€“Zincâ€“Organic Frameworks. Inorganic Chemistry, 2012, 51, 1201-1203.	1.9	115
81	1D Tube, 2D Layer, and 3D Framework Derived from a New Series of Metal(II)â^'5-Aminodiacetic Isophthalate Coordination Polymers. Crystal Growth and Design, 2006, 6, 1168-1174.	1.4	113
82	Combination of Lacunary Polyoxometalates and High-Nuclear Transition Metal Clusters under Hydrothermal Conditions. 3. Structure and Characterization of [Cu(enMe)2]2{[Cu(enMe)2(H2O)]2[Cu6(enMe)2(B-a-SiW9O34)2]}Â·4H2O. Inorganic Chemistry, 2007, 46, 4569-4574.	1.9	113
83	Regulating C₂H₂ and CO₂ Storage and Separation through Pore Environment Modification in a Microporous Ni-MOF. ACS Sustainable Chemistry and Engineering, 2019, 7, 2134-2140.	3.2	113
84	Electricâ€Field Assisted Inâ€…Situ Hydrolysis of Bulk Metalâ€“Organic Frameworks (MOFs) into Ultrathin Metal Oxyhydroxide Nanosheets for Efficient Oxygen Evolution. Angewandte Chemie - International Edition, 2020, 59, 13101-13108.	7.2	108
85	A Highly Porous and Robust (3,3,4)â€Connected Metalâ€“Organic Framework Assembled with a 90Â° Bridgingâ€Angle Embedded Octacarboxylate Ligand. Angewandte Chemie - International Edition, 2012, 51, 1580-1584.	7.2	106
86	A Highly Symmetric Metalâ€“Organic Framework Based on a Propeller-Like Ru-Organic Metalloligand for Photocatalysis and Explosives Detection. Crystal Growth and Design, 2013, 13, 5466-5472.	1.4	104
87	Ligand-enabled site-selectivity in a versatile rhodium(ii)-catalysed aryl Câ€“H carboxylation with CO2. Nature Catalysis, 2018, 1, 469-478.	16.1	104
88	Anion Effect on the Structural Conformation of Tetranuclear Cadmium(II) Complexes. Crystal Growth and Design, 2006, 6, 1351-1360.	1.4	102
89	Waste to MOFs: sustainable linker, metal, and solvent sources for value-added MOF synthesis and applications. Green Chemistry, 2020, 22, 4082-4104.	4.6	101
90	Surface functionalization of metalâ€“organic polyhedron for homogeneous cyclopropanation catalysis. Chemical Communications, 2011, 47, 4968.	2.2	98

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91	Azo-Bridged Calix[4]resorcinarene-Based Porous Organic Frameworks with Highly Efficient Enrichment of Volatile Iodine. ACS Sustainable Chemistry and Engineering, 2018, 6, 17402-17409.	3.2	98
92	Facile fabrication of cost-effective porous polymer networks for highly selective CO₂capture. Journal of Materials Chemistry A, 2015, 3, 3252-3256.	5.2	96
93	The 3D Channel Framework Based on Indium(III)-btec, and Its Ion-Exchange Properties (btec =) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.0	94
94	A Novel Bilayer Cobalt(II)â^'Organic Framework with Nanoscale Channels Accommodating Large Organic Molecules. Inorganic Chemistry, 2003, 42, 4486-4488.	1.9	92
95	A 3D Porous Cobaltâ^'Organic Framework Exhibiting Spin-Canted Antiferromagnetism and Field-Induced Spin-Flop Transition. Inorganic Chemistry, 2007, 46, 9609-9615.	1.9	91
96	Thermosensitive gating effect and selective gas adsorption in a porous coordination nanocage. Chemical Communications, 2010, 46, 7352.	2.2	91
97	Cooperation of Three Chromophores Generates the Waterâ€Resistant Nitrate Nonlinear Optical Material Bi₃TeO₆OH(NO₃)₂. Angewandte Chemie - International Edition, 2017, 56, 540-544.	7.2	91
98	Cageâ€Like Porous Materials with Simultaneous High C₂H₂Storage and Excellent C₂H₂/CO₂Separation Performance. Angewandte Chemie - International Edition, 2021, 60, 10828-10832.	7.2	90
99	Unprecedented Marriage of a Cationic Pentanuclear Cluster and a 2D Polymeric Anionic Layer Based on a Flexible Tripodal Ligand and a Cu^{II} Ion. Inorganic Chemistry, 2010, 49, 769-771.	1.9	89
100	Comparison of the Effect of Functional Groups on Gas-Uptake Capacities by Fixing the Volumes of Cages A and B and Modifying the Inner Wall of Cage C in rht-Type MOFs. Inorganic Chemistry, 2012, 51, 10350-10355.	1.9	89
101	Robust Metalâ€"Organic Framework with An Octatopic Ligand for Gas Adsorption and Separation: Combined Characterization by Experiments and Molecular Simulation. Chemistry of Materials, 2012, 24, 18-25.	3.2	88
102	Ferroelastic phase transition and switchable dielectric behavior associated with ordering of molecular motion in a perovskite-like architectured supramolecular cocrystal. Journal of Materials Chemistry C, 2013, 1, 2561.	2.7	88
103	Rational Design of Crystalline Covalent Organic Frameworks for Efficient CO₂ Photoreduction with H₂O. Angewandte Chemie, 2019, 131, 12522-12527.	1.6	88
104	Diversity of Coordination Architecture of Copper(II)â^'5-Sulfoisophthalic Acid:Â Synthesis, Crystal Structures, and Characterization. Crystal Growth and Design, 2007, 7, 1832-1843.	1.4	86
105	A stepwise transition from microporosity to mesoporosity in metalâ€"organic frameworks by thermal treatment. Chemical Science, 2011, 2, 103-106.	3.7	86
106	A Prototypical Zeolitic Lanthanideâ^'Organic Framework with Nanotubular Structure. Crystal Growth and Design, 2008, 8, 166-168.	1.4	85
107	Targeted synthesis of a large triazine-based [4+6] organic molecular cage: structure, porosity and gas separation. Chemical Communications, 2015, 51, 1976-1979.	2.2	85
108	Syntheses and structures of two novel copper complexes constructed from unusual planar tetracopper(ii) SBUs. Chemical Communications, 2003, , 1528.	2.2	84

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109	A Corroleâ€Based Covalent Organic Framework Featuring Desymmetrized Topology. Angewandte Chemie - International Edition, 2020, 59, 4354-4359.	7.2	84
110	Tuning the Topology of Three-Dimensional Covalent Organic Frameworks via Steric Control: From pts to Unprecedented ljh. Journal of the American Chemical Society, 2021, 143, 7279-7284.	6.6	84
111	A nanotubular metalâ€“organic framework with permanent porosity: structure analysis and gas sorption studies. Chemical Communications, 2009, , 4049.	2.2	83
112	Porous Metal-Organic Frameworks Based on an Anthracene Derivative: Syntheses, Structure Analysis, and Hydrogen Sorption Studies. Inorganic Chemistry, 2009, 48, 5263-5268.	1.9	81
113	Aggregation-Induced Emission-Responsive Metalâ€“Organic Frameworks. Chemistry of Materials, 2020, 32, 6706-6720.	3.2	81
114	Reticular Chemistry in the Construction of Porous Organic Cages. Journal of the American Chemical Society, 2020, 142, 18060-18072.	6.6	81
115	Copper-catalyzed 1,4-alkylarylation of 1,3-enynes with masked alkyl electrophiles. Chemical Science, 2019, 10, 3632-3636.	3.7	80
116	Ratiometric fluorescence detection of tetracycline antibiotic based on a polynuclear lanthanide metalâ€“organic framework. Sensors and Actuators B: Chemical, 2021, 330, 129314.	4.0	79
117	Pentanuclear Yb(III) cluster-based metal-organic frameworks as heterogeneous catalysts for CO2 conversion. Applied Catalysis B: Environmental, 2017, 219, 603-610.	10.8	78
118	A Reusable MOFâ€Supported Singleâ€Site Zinc(II) Catalyst for Efficient Intramolecular Hydroamination of oâ€Alkynylanilines. Angewandte Chemie - International Edition, 2019, 58, 7687-7691.	7.2	78
119	Microporous Metalâ€“Organic Framework Based on Ligand-Truncation Strategy with High Performance for Gas Adsorption and Separation. Inorganic Chemistry, 2017, 56, 10215-10219.	1.9	77
120	Tuning the Formations of Metalâ€“Organic Frameworks by Modification of Ratio of Reactant, Acidity of Reaction System, and Use of a Secondary Ligand. Crystal Growth and Design, 2012, 12, 281-288.	1.4	76
121	Covalent Heme Framework as a Highly Active Heterogeneous Biomimetic Oxidation Catalyst. Chemistry of Materials, 2014, 26, 1639-1644.	3.2	76
122	Mesoporous carbon originated from non-permanent porous MOFs for gas storage and CO2/CH4 separation. Scientific Reports, 2014, 4, 5711.	1.6	76
123	A Highly Symmetric Porous Framework with Multi-intersecting Open Channels. Crystal Growth and Design, 2007, 7, 1712-1715.	1.4	74
124	Pressure-Responsive Curvature Change of a â€œRigidâ€•Geodesic Ligand in a (3,24)-Connected Mesoporous Metalâ€“Organic Framework. Inorganic Chemistry, 2011, 50, 10528-10530.	1.9	74
125	Metalloporphyrin-based covalent organic frameworks composed of the electron donor-acceptor dyads for visible-light-driven selective CO2 reduction. Science China Chemistry, 2020, 63, 1289-1294.	4.2	73
126	Formation of an Infinite Three-Dimensional Water Network by the Hierarchic Assembly of Bilayer Water Nanotubes of Octamers. Crystal Growth and Design, 2007, 7, 1385-1387.	1.4	72

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127	Reversible Tuning Hydroquinone/Quinone Reaction in Metalâ€“Organic Framework: Immobilized Molecular Switches in Solid State. Chemistry of Materials, 2015, 27, 6426-6431.	3.2	72
128	Investigation of Gas Adsorption Performances and H2Affinities of Porous Metal-Organic Frameworks with Different Entatic Metal Centers. Inorganic Chemistry, 2009, 48, 5398-5402.	1.9	71
129	Precisely Embedding Active Sites into a Mesoporous Zr-Framework through Linker Installation for High-Efficiency Photocatalysis. Journal of the American Chemical Society, 2020, 142, 15020-15026.	6.6	71
130	A recyclable fluorescent covalent organic framework for exclusive detection and removal of mercury(II). Chemical Engineering Journal, 2020, 401, 126139.	6.6	71
131	Pb(ii) metalâ€“organic nanotubes based on cyclodextrins: biphasic synthesis, structures and properties. Chemical Science, 2012, 3, 2282.	3.7	70
132	Sequential Transformation of Zirconium(IV)â€MOFs into Heterobimetallic MOFs Bearing Magnetic Anisotropic Cobalt(II) Centers. Angewandte Chemie - International Edition, 2018, 57, 12578-12583.	7.2	70
133	Tuning the Ionicity of Stable Metalâ€“Organic Frameworks through Ionic Linker Installation. Journal of the American Chemical Society, 2019, 141, 3129-3136.	6.6	70
134	Efficient ethylene purification by a robust ethane-trapping porous organic cage. Nature Communications, 2021, 12, 3703.	5.8	70
135	Chlorineâ€Induced Assembly of a Cationic Coordination Cage with a Î¼₅â€Carbonatoâ€Bridged Mn^{II}₂₄ Core. Chemistry - A European Journal, 2012, 18, 5536-5540.	1.7	68
136	From Coordination Cages to a Stable Crystalline Porous Hydrogenâ€Bonded Framework. Chemistry - A European Journal, 2017, 23, 4774-4777.	1.7	68
137	Self-Assembly of Three CdII- and CuII-Containing Coordination Polymers from 4,4â€²-Dipyridyl Disulfide. European Journal of Inorganic Chemistry, 2003, 2003, 3623-3632.	1.0	67
138	Switchable Dielectric Phase Transition Induced by Ordering of Twisting Motion in 1,4-Diazabicyclo[2.2.2]octane Chlorodifluoroacetate. Crystal Growth and Design, 2013, 13, 2081-2086.	1.4	67
139	Incorporation of In₂S₃ Nanoparticles into a Metalâ€“Organic Framework for Ultrafast Removal of Hg from Water. Inorganic Chemistry, 2018, 57, 4891-4897.	1.9	67
140	Metal-Organic Cages (MOCs): From Discrete to Cage-based Extended Architectures. Chemistry Letters, 2020, 49, 28-53.	0.7	67
141	A Large-Surface-Area Boracite-Network-Topology Porous MOF Constructed from a Conjugated Ligand Exhibiting a High Hydrogen Uptake Capacity. Inorganic Chemistry, 2009, 48, 7519-7521.	1.9	66
142	Self-Assembly of Thiacalix[4]arene-Supported Nickel(II)/Cobalt(II) Complexes Sustained by in Situ Generated 5-Methyltetrazolate Ligand. Crystal Growth and Design, 2012, 12, 3335-3341.	1.4	66
143	Polymeric double-anion templated Er₄₈nanotubes. Chemical Communications, 2014, 50, 1113-1115.	2.2	66
144	Rational Design and Synthesis of Porous Polymer Networks: Toward High Surface Area. Chemistry of Materials, 2014, 26, 4589-4597.	3.2	66

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145	An Ultrastable and Easily Regenerated Hydrogenâ€Bonded Organic Molecular Framework with Permanent Porosity. Angewandte Chemie, 2017, 129, 2133-2136.	1.6	66
146	Temperature-Dependent in Situ Reduction of 4,4â€²-Azobispyridine via Solvothermal Reaction. Crystal Growth and Design, 2012, 12, 2079-2088.	1.4	65
147	Flexible Zirconium MOFs as Bromineâ€Nanocontainers for Bromination Reactions under Ambient Conditions. Angewandte Chemie - International Edition, 2017, 56, 14622-14626.	7.2	65
148	Two Novel Inorganic-Organic Hybrid Frameworks Based on InIII-BTC and InIII-BTEC. European Journal of Inorganic Chemistry, 2005, 2005, 77-81.	1.0	63
149	De Novo Tailoring Pore Morphologies and Sizes for Different Substrates in a Urea-Containing MOFs Catalytic Platform. Chemistry of Materials, 2016, 28, 2000-2010.	3.2	63
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