

# Jie-Peng Zhang

## List of Publications by Citations

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136  
papers

14,778  
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58  
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121  
g-index

139  
ext. papers

16,270  
ext. citations

10.7  
avg, IF

6.87  
L-index

#	Paper	IF	Citations
136	Metal azolate frameworks: from crystal engineering to functional materials. <i>Chemical Reviews</i> , <b>2012</b> , 112, 1001-33	68.1	1337
135	Ligand-directed strategy for zeolite-type metal-organic frameworks: zinc(II) imidazolates with unusual zeolitic topologies. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 1557-9	16.4	1246
134	Supramolecular isomerism in coordination polymers. <i>Chemical Society Reviews</i> , <b>2009</b> , 38, 2385-96	58.5	525
133	Copper(I) 1,2,4-triazolates and related complexes: studies of the solvothermal ligand reactions, network topologies, and photoluminescence properties. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 5495-506	16.4	502
132	Controlling guest conformation for efficient purification of butadiene. <i>Science</i> , <b>2017</b> , 356, 1193-1196	33.3	421
131	Exceptional framework flexibility and sorption behavior of a multifunctional porous cuprous triazolate framework. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 6010-7	16.4	416
130	Temperature- or guest-induced drastic single-crystal-to-single-crystal transformations of a nanoporous coordination polymer. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 14162-3	16.4	408
129	Crystal engineering of binary metal imidazolate and triazolate frameworks. <i>Chemical Communications</i> , <b>2006</b> , 1689-99	5.8	376
128	An Alkaline-Stable, Metal Hydroxide Mimicking Metal-Organic Framework for Efficient Electrocatalytic Oxygen Evolution. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 8336-9	16.4	362
127	Optimized acetylene/carbon dioxide sorption in a dynamic porous crystal. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 5516-21	16.4	358
126	Single-crystal X-ray diffraction studies on structural transformations of porous coordination polymers. <i>Chemical Society Reviews</i> , <b>2014</b> , 43, 5789-814	58.5	353
125	Efficient purification of ethene by an ethane-trapping metal-organic framework. <i>Nature Communications</i> , <b>2015</b> , 6, 8697	17.4	326
124	Supramolecular isomerism, framework flexibility, unsaturated metal center, and porous property of Ag(I)/Cu(I) 3,3',5,5'-tetramethyl-4,4'-bipyrazolate. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 907-17	16.4	313
123	Two unprecedented 3-connected three-dimensional networks of copper(I) triazolates: in situ formation of ligands by cycloaddition of nitriles and ammonia. <i>Angewandte Chemie - International Edition</i> , <b>2004</b> , 43, 206-9	16.4	295
122	Cage-Confinement Pyrolysis Route to Ultrasmall Tungsten Carbide Nanoparticles for Efficient Electrocatalytic Hydrogen Evolution. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 5285-5288	16.4	274
121	Modular and Stepwise Synthesis of a Hybrid Metal-Organic Framework for Efficient Electrocatalytic Oxygen Evolution. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 1778-1781	16.4	273
120	Ligand-Directed Strategy for Zeolite-Type Metal-Organic Frameworks: Zinc(II) Imidazolates with Unusual Zeolitic Topologies. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 1587-1589	3.6	257

119	Metal-organic frameworks for electrocatalysis. <i>Coordination Chemistry Reviews</i> , <b>2018</b> , 373, 22-48	23.2	245
118	Hydroxide Ligands Cooperate with Catalytic Centers in Metal-Organic Frameworks for Efficient Photocatalytic CO Reduction. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 38-41	16.4	243
117	Strong and dynamic CO <sub>2</sub> sorption in a flexible porous framework possessing guest chelating claws. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 17380-3	16.4	239
116	Pore surface tailored SOD-type metal-organic zeolites. <i>Advanced Materials</i> , <b>2011</b> , 23, 1268-71	24	228
115	Photoluminescent Metal-Organic Frameworks for Gas Sensing. <i>Advanced Science</i> , <b>2016</b> , 3, 1500434	13.6	228
114	Exceptional Hydrophobicity of a Large-Pore Metal-Organic Zeolite. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 7217-23	16.4	214
113	Molecular chairs, zippers, zigzag and helical chains: chemical enumeration of supramolecular isomerism based on a predesigned metal-organic building-block. <i>Chemical Communications</i> , <b>2005</b> , 1258-60	5.8	214
112	Electrochemical Exfoliation of Pillared-Layer Metal-Organic Framework to Boost the Oxygen Evolution Reaction. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 4632-4636	16.4	198
111	Reversible topochemical transformation of a soft crystal of a coordination polymer. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 7965-8	16.4	192
110	Monodentate hydroxide as a super strong yet reversible active site for CO <sub>2</sub> capture from high-humidity flue gas. <i>Energy and Environmental Science</i> , <b>2015</b> , 8, 1011-1016	35.4	185
109	Tuning Pore Size in Square-Lattice Coordination Networks for Size-Selective Sieving of CO <sub>2</sub> . <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 10268-72	16.4	185
108	A porous coordination framework for highly sensitive and selective solid-phase microextraction of non-polar volatile organic compounds. <i>Chemical Science</i> , <b>2013</b> , 4, 351-356	9.4	166
107	A noble-metal-free porous coordination framework with exceptional sensing efficiency for oxygen. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 13429-33	16.4	152
106	A flexible porous coordination polymer functionalized by unsaturated metal clusters. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 889-92	16.4	151
105	Controlling flexibility of metal-organic frameworks. <i>National Science Review</i> , <b>2018</b> , 5, 907-919	10.8	150
104	Putting an ultrahigh concentration of amine groups into a metal-organic framework for CO capture at low pressures. <i>Chemical Science</i> , <b>2016</b> , 7, 6528-6533	9.4	145
103	Turning on the flexibility of isoreticular porous coordination frameworks for drastically tunable framework breathing and thermal expansion. <i>Chemical Science</i> , <b>2013</b> , 4, 1539	9.4	144
102	Metallophilicity versus pi-pi interactions: ligand-unsupported argentophilicity/cuprophilicity in oligomers-of-dimers [M <sub>2</sub> L <sub>2</sub> ] <sub>n</sub> (M=CuI or AgI, L=tridentate ligand). <i>Chemistry - A European Journal</i> , <b>2005</b> , 11, 552-61	4.8	124

101	A Metal-Organic Framework with a Pore Size/Shape Suitable for Strong Binding and Close Packing of Methane. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 4674-8	16.4	111
100	A flexible metal azolate framework with drastic luminescence response toward solvent vapors and carbon dioxide. <i>Chemical Science</i> , <b>2011</b> , 2, 2214	9.4	109
99	Direct visualization of a guest-triggered crystal deformation based on a flexible ultramicroporous framework. <i>Nature Communications</i> , <b>2013</b> , 4, 2534	17.4	106
98	Supramolecular isomerism within three-dimensional 3-connected nets: unusual synthesis and characterization of trimorphic copper(I) 3,5-dimethyl-1,2,4-triazolate. <i>Dalton Transactions</i> , <b>2005</b> , 3681-5	4.3	92
97	Pillaring Zn-Triazolate Layers with Flexible Aliphatic Dicarboxylates into Three-Dimensional Metal-Organic Frameworks. <i>Crystal Growth and Design</i> , <b>2008</b> , 8, 3673-3679	3.5	89
96	Coordination templated [2+2+2] cyclotrimerization in a porous coordination framework. <i>Nature Communications</i> , <b>2015</b> , 6, 8348	17.4	84
95	Supramolecular-jack-like guest in ultramicroporous crystal for exceptional thermal expansion behaviour. <i>Nature Communications</i> , <b>2015</b> , 6, 6917	17.4	83
94	Well-resolved, new water morphologies obtained by modification of the hydrophilic/hydrophobic character and shapes of the supporting layers. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 3146-50	5.1	83
93	Encapsulating Pyrene in a Metal-Organic Zeolite for Optical Sensing of Molecular Oxygen. <i>Chemistry of Materials</i> , <b>2015</b> , 27, 8255-8260	9.6	81
92	Synthesis, Structure and Photoluminescent Studies of a Novel Supramolecular [Ag(phen)(CN)] <sub>2</sub> [phen] Complex. <i>European Journal of Inorganic Chemistry</i> , <b>2004</b> , 2004, 1024-1029	2.3	76
91	Intermediate-sized molecular sieving of styrene from larger and smaller analogues. <i>Nature Materials</i> , <b>2019</b> , 18, 994-998	27	74
90	Microwave-Assisted Solvothermal Synthesis of a Dynamic Porous Metal-Carboxylate Framework. <i>Crystal Growth and Design</i> , <b>2008</b> , 8, 4559-4563	3.5	73
89	Porous Cu(I) Triazolate Framework and Derived Hybrid Membrane with Exceptionally High Sensing Efficiency for Gaseous Oxygen. <i>Advanced Functional Materials</i> , <b>2014</b> , 24, 5866-5872	15.6	72
88	Non-3d Metal Modulation of a Cobalt Imidazolate Framework for Excellent Electrocatalytic Oxygen Evolution in Neutral Media. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 139-143	16.4	72
87	Grafting alkylamine in UiO-66 by charge-assisted coordination bonds for carbon dioxide capture from high-humidity flue gas. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 21849-21855	13	71
86	Zeolitic metal azolate frameworks (MAFs) from ZnO/Zn(OH) <sub>2</sub> and monoalkyl-substituted imidazoles and 1,2,4-triazoles: Efficient syntheses and properties. <i>Microporous and Mesoporous Materials</i> , <b>2012</b> , 157, 42-49	5.3	69
85	From One- to Three-Dimensional Architectures: Supramolecular Isomerism of Copper(I) 3,5-Di(4-pyridyl)-1,2,4-triazolate Involving in Situ Ligand Synthesis. <i>Crystal Growth and Design</i> , <b>2006</b> , 6, 519-523	3.5	66
84	Syntheses, structures and sorption properties of two framework-isomeric porous copper-coordination polymers. <i>CrystEngComm</i> , <b>2009</b> , 11, 183-188	3.3	65

83	Adsorptive separation of carbon dioxide: From conventional porous materials to metal-organic frameworks. <i>EnergyChem</i> , <b>2019</b> , 1, 100016	36.9	64
82	New Zn-Aminotriazolate-Dicarboxylate Frameworks: Synthesis, Structures, and Adsorption Properties. <i>Crystal Growth and Design</i> , <b>2013</b> , 13, 2118-2123	3.5	64
81	Selective Aerobic Oxidation of a Metal-Organic Framework Boosts Thermodynamic and Kinetic Propylene/Propane Selectivity. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 7692-7696	16.4	63
80	Electrochemical Exfoliation of Pillared-Layer Metal-Organic Framework to Boost the Oxygen Evolution Reaction. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 4722-4726	3.6	63
79	Interweaving isomerism and isomerization of molecular chains. <i>Chemical Communications</i> , <b>2011</b> , 47, 4156-8	5.8	62
78	Self-catalysed aerobic oxidization of organic linker in porous crystal for on-demand regulation of sorption behaviours. <i>Nature Communications</i> , <b>2015</b> , 6, 6350	17.4	58
77	Phosphorescence doping in a flexible ultramicroporous framework for high and tunable oxygen sensing efficiency. <i>Chemical Communications</i> , <b>2013</b> , 49, 6864-6	5.8	58
76	Drastic enhancement of catalytic activity via post-oxidation of a porous MnII triazolate framework. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 11303-7	4.8	55
75	Porous coordination polymer with flexibility imparted by coordinatively changeable lithium ions on the pore surface. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 1158-65	5.1	53
74	Mixed-Lanthanide Porous Coordination Polymers Showing Range-Tunable Ratiometric Luminescence for O <sub>2</sub> Sensing. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 4238-4243	5.1	52
73	Visualizing the distinctly different crystal-to-crystal structural dynamism and sorption behavior of interpenetration-direction isomeric coordination networks. <i>Chemical Science</i> , <b>2014</b> , 5, 4755-4762	9.4	50
72	A flexible porous Cu(II) bis-imidazolate framework with ultrahigh concentration of active sites for efficient and recyclable CO <sub>2</sub> capture. <i>Chemical Communications</i> , <b>2013</b> , 49, 11728-30	5.8	50
71	An inorganic-MOF-inorganic approach to ultrathin CuO decorated Cu <sup>II</sup> hybrid nanorod arrays for an efficient oxygen evolution reaction. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 19176-19181	13	50
70	Tuning fluorocarbon adsorption in new isorecticular porous coordination frameworks for heat transformation applications. <i>Chemical Science</i> , <b>2015</b> , 6, 2516-2521	9.4	44
69	Flexible, Luminescent Metal-Organic Frameworks Showing Synergistic Solid-Solution Effects on Porosity and Sensitivity. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 16021-16025	16.4	42
68	High-symmetry hydrogen-bonded organic frameworks: air separation and crystal-to-crystal structural transformation. <i>Chemical Communications</i> , <b>2016</b> , 52, 4991-4	5.8	39
67	Reversible Topochemical Transformation of a Soft Crystal of a Coordination Polymer. <i>Angewandte Chemie</i> , <b>2007</b> , 119, 8111-8114	3.6	37
66	Copper(I) and silver(I) 2-methylimidazolates: extended isomerism, isomerization, and host-guest properties. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 4772-8	5.1	36

65	Packing polymorphism of a two-dimensional copper(I) 3-amino-1,2,4-triazolate coordination polymer. <i>CrystEngComm</i> , <b>2011</b> , 13, 3827	3.3	36
64	A Highly Connected Porous Coordination Polymer with Unusual Channel Structure and Sorption Properties. <i>Angewandte Chemie</i> , <b>2009</b> , 121, 5391-5394	3.6	36
63	Hyperfine adjustment of flexible pore-surface pockets enables smart recognition of gas size and quadrupole moment. <i>Chemical Science</i> , <b>2017</b> , 8, 7560-7565	9.4	34
62	Single-crystal X-ray diffraction and Raman spectroscopy studies of isobaric N <sub>2</sub> adsorption in SOD-type metal-organic zeolites. <i>Chemical Communications</i> , <b>2012</b> , 48, 11395-7	5.8	34
61	Designed Assembly and Structures and Photoluminescence of a New Class of Discrete ZnII Complexes of 1H-1,10-Phenanthroline-2-one. <i>European Journal of Inorganic Chemistry</i> , <b>2006</b> , 2006, 3407-3412	2.1	34
60	Controlling the flexibility and single-crystal to single-crystal interpenetration reconstitution of metal-organic frameworks. <i>Chemical Communications</i> , <b>2015</b> , 51, 12665-8	5.8	29
59	Mesoporous Metal-Organic Frameworks with Exceptionally High Working Capacities for Adsorption Heat Transformation. <i>Advanced Materials</i> , <b>2018</b> , 30, 1704350	24	29
58	Syntheses, Structures, and Porous/Luminescent Properties of Silver 3-Alkyl-1,2,4-Triazolate Frameworks with Rare 3-Connected Topologies. <i>Crystal Growth and Design</i> , <b>2011</b> , 11, 796-802	3.5	28
57	New heterometallic carboxylate frameworks: synthesis, structure, robustness, flexibility, and porosity. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 7970-6	5.1	27
56	Multistep evolution from a metal-organic framework to ultrathin nanosheets. <i>Science Bulletin</i> , <b>2019</b> , 64, 964-967	10.6	25
55	New porous coordination polymers based on expanded pyridyl-dicarboxylate ligands and a paddle-wheel cluster. <i>CrystEngComm</i> , <b>2014</b> , 16, 6325-6330	3.3	24
54	Structural, energetic, and dynamic insights into the abnormal xylene separation behavior of hierarchical porous crystal. <i>Scientific Reports</i> , <b>2015</b> , 5, 11537	4.9	24
53	Two Unprecedented 3-Connected Three-Dimensional Networks of Copper(I) Triazolates: In Situ Formation of Ligands by Cycloaddition of Nitriles and Ammonia. <i>Angewandte Chemie</i> , <b>2004</b> , 116, 208-211	3.6	24
52	A New Isomeric Porous Coordination Framework Showing Single-Crystal to Single-Crystal Structural Transformation and Preferential Adsorption of 1,3-Butadiene from C <sub>4</sub> Hydrocarbons. <i>Crystal Growth and Design</i> , <b>2017</b> , 17, 2166-2171	3.5	22
51	Selective Aerobic Oxidation of a Metal-Organic Framework Boosts Thermodynamic and Kinetic Propylene/Propane Selectivity. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 7774-7778	3.6	22
50	pH-Dependent formation of (6,3) and (10,3) hydrogen-bonded networks based on [Ru(H <sub>2</sub> bim) <sub>3</sub> ]SO <sub>4</sub> : polymorphs and topological isomers. <i>CrystEngComm</i> , <b>2009</b> , 11, 1114	3.3	22
49	Cu(I) 3,5-Diethyl-1,2,4-Triazolate (MAF-2): From Crystal Engineering to Multifunctional Materials. <i>Crystal Growth and Design</i> , <b>2017</b> , 17, 1441-1449	3.5	21
48	Reactivity of Cationic Lanthanide(III) Monoporphyrimates towards Anionic Cyanometallates: Preparation, Crystal Structure, and Luminescence Properties of Cyanido-Bridged Di- and Trinuclear d <sup>f</sup> Complexes. <i>European Journal of Inorganic Chemistry</i> , <b>2008</b> , 2008, 3515-3523	2.3	21

47	Flexibility of Metal-Organic Framework Tunable by Crystal Size at the Micrometer to Submillimeter Scale for Efficient Xylene Isomer Separation. <i>Research</i> , <b>2019</b> , 2019, 9463719	7.8	21
46	A Metal-Organic Framework with a Pore Size/Shape Suitable for Strong Binding and Close Packing of Methane. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 4752-4756	3.6	21
45	A Noble-Metal-Free Porous Coordination Framework with Exceptional Sensing Efficiency for Oxygen. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 13671-13675	3.6	20
44	Crystallographic studies into the role of exposed rare earth metal ion for guest sorption. <i>CrystEngComm</i> , <b>2011</b> , 13, 5849	3.3	17
43	Nitrogen-doped porous carbons derived from isomeric metal azolate frameworks. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 24263-24268	13	16
42	A Hydrogen-Bonded yet Hydrophobic Porous Molecular Crystal for Molecular-Sieving-like Separation of Butane and Isobutane. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 23322-23328	16.4	16
41	Tuning the gating energy barrier of metal-organic framework for molecular sieving. <i>Chem</i> , <b>2021</b> , 7, 1006-1019	10.9	16
40	Tuning Connectivity and Flexibility of Two Zinc-Triazolate-Carboxylate Type Porous Coordination Polymers. <i>Crystal Growth and Design</i> , <b>2018</b> , 18, 2694-2698	3.5	15
39	Synthesis and stabilization of a hypothetical porous framework based on a classic flexible metal carboxylate cluster. <i>Dalton Transactions</i> , <b>2016</b> , 45, 4269-73	4.3	15
38	Metal-ion controlled solid-state reactivity and photoluminescence in two isomorphous coordination polymers. <i>Inorganic Chemistry Frontiers</i> , <b>2014</b> , 1, 172	6.8	15
37	A novel pillared-layer-type porous coordination polymer featuring three-dimensional pore system and high methane storage capacity. <i>Science China Chemistry</i> , <b>2016</b> , 59, 970-974	7.9	14
36	Unique (3,9)-connected porous coordination polymers constructed by tripodal ligands with bent arms. <i>CrystEngComm</i> , <b>2016</b> , 18, 4115-4120	3.3	14
35	Room-temperature sintered metal-organic framework nanocrystals: A new type of optical ceramics. <i>Science China Materials</i> , <b>2018</b> , 61, 424-428	7.1	13
34	Two Isostructural Flexible Porous Coordination Polymers Showing Contrasting Single-Component and Mixture Adsorption Properties for Propylene/Propane. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 6047-6052	5.1	12
33	Porous coordination polymers constructed from anisotropic metal-carboxylate-pyridyl clusters. <i>Pure and Applied Chemistry</i> , <b>2012</b> , 85, 405-416	2.1	12
32	In Situ Enzyme Immobilization with Oxygen-Sensitive Luminescent Metal-Organic Frameworks to Realize "All-in-One" Multifunctions. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 5463-5471	4.8	11
31	Tuning oxygen-sensing behaviour of a porous coordination framework by a guest fluorophore. <i>Inorganic Chemistry Frontiers</i> , <b>2015</b> , 2, 1085-1090	6.8	11
30	A Flexible Porous Coordination Polymer Functionalized by Unsaturated Metal Clusters. <i>Angewandte Chemie</i> , <b>2007</b> , 119, 907-910	3.6	11

29	Ultrathin 2D Copper(I) 1,2,4-Triazolate Coordination Polymer Nanosheets for Efficient and Selective Gene Silencing and Photodynamic Therapy. <i>Advanced Materials</i> , <b>2021</b> , 33, e2100849	24	11
28	Non-3d Metal Modulation of a Cobalt Imidazolate Framework for Excellent Electrocatalytic Oxygen Evolution in Neutral Media. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 145-149	3.6	11
27	A Hydrogen-Bonded yet Hydrophobic Porous Molecular Crystal for Molecular-Sieving-like Separation of Butane and Isobutane. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 23522-23528	3.6	10
26	A partially fluorinated ligand for two super-hydrophobic porous coordination polymers with classic structures and increased porosities. <i>National Science Review</i> , <b>2021</b> , 8, nwaa094	10.8	10
25	Partially Fluorinated Cu(I) Triazolate Frameworks with High Hydrophobicity, Porosity, and Luminescence Sensitivity. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 3944-3949	5.1	9
24	Real-Time Sensing of TET2-Mediated DNA Demethylation In Vitro by Metal-Organic Framework-Based Oxygen Sensor for Mechanism Analysis and Stem-Cell Behavior Prediction. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 9330-9337	7.8	9
23	Thermal and Gas Dual-Responsive Behaviors of an Expanded UiO-66-Type Porous Coordination Polymer. <i>ChemPlusChem</i> , <b>2016</b> , 81, 817-821	2.8	9
22	Direct synthesis of an aliphatic amine functionalized metal-organic framework for efficient CO <sub>2</sub> removal and CH <sub>4</sub> purification. <i>CrystEngComm</i> , <b>2018</b> , 20, 5969-5975	3.3	9
21	Syntheses, structures and gas sorption properties of two coordination polymers with a unique type of supramolecular isomerism. <i>Inorganic Chemistry Frontiers</i> , <b>2015</b> , 2, 136-140	6.8	8
20	Guest-containing supramolecular isomers of silver(I) 3,5-dialkyl-1,2,4-triazolates: syntheses, structures, and structural transformation behaviours. <i>CrystEngComm</i> , <b>2015</b> , 17, 8843-8849	3.3	8
19	Optimizing luminescence sensitivity and moisture stability of porous coordination frameworks by varying ligand side groups. <i>Science China Chemistry</i> , <b>2019</b> , 62, 341-346	7.9	7
18	Flexible, Luminescent Metal-Organic Frameworks Showing Synergistic Solid-Solution Effects on Porosity and Sensitivity. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 16255-16259	3.6	7
17	A flexible, porous, cluster-based Zn-pyrazolate-dicarboxylate framework showing selective adsorption properties. <i>New Journal of Chemistry</i> , <b>2014</b> , 38, 2002-2007	3.6	6
16	Graphene-Like Hydrogen-Bonded Melamine-Cyanuric Acid Supramolecular Nanosheets as Pseudo-Porous Catalyst Support. <i>Advanced Materials</i> , <b>2021</b> , 33, e2007368	24	5
15	A flexible metal-organic framework with adaptive pores for high column-capacity gas chromatographic separation. <i>Inorganic Chemistry Frontiers</i> , <b>2018</b> , 5, 2777-2783	6.8	5
14	Diverse coordination polymers from a new bent dipyriddy-type ligand 3,6-di(pyridin-4-yl)-9H-carbazole. <i>CrystEngComm</i> , <b>2017</b> , 19, 6164-6169	3.3	3
13	An Au(I)-based coordination/hydrogen-bond hybrid open framework for luminescence sensing of temperature and benzene. <i>Science Bulletin</i> , <b>2022</b> , 67, 1229-1229	10.6	3
12	Controlling Thermal Expansion Behaviors of Fence-Like Metal-Organic Frameworks by Varying/Mixing Metal Ions. <i>Frontiers in Chemistry</i> , <b>2018</b> , 6, 306	5	2



11	Photoluminescence: Porous Cu(I) Triazolate Framework and Derived Hybrid Membrane with Exceptionally High Sensing Efficiency for Gaseous Oxygen (Adv. Funct. Mater. 37/2014). <i>Advanced Functional Materials</i> , <b>2014</b> , 24, 5928-5928	15.6	2
10	Tuning the packing, interpenetration, and porosity of two-dimensional networks by metal ions and ligand side groups. <i>Inorganic Chemistry Frontiers</i> , <b>2020</b> , 7, 3424-3430	6.8	2
9	From discrete complex to 1-D coordination polymer by subtle variation of ligand donor: structures and electrical conductivities. <i>Journal of Coordination Chemistry</i> , <b>2016</b> , 69, 1837-1843	1.6	1
8	Crystal Engineering of Coordination Polymers via Solvothermal In Situ Metal-Ligand Reactions <b>2009</b> , 63-86		1
7	Partial Order-Disorder Transformation of Interpenetrated Porous Coordination Polymers. <i>CCS Chemistry</i> , 1532-1541	7.2	1
6	Porous Metal Azolate Frameworks <b>2016</b> , 309-343		1
5	On-surface isostructural transformation from a hydrogen-bonded network to a coordination network for tuning the pore size and guest recognition. <i>Chemical Science</i> , <b>2020</b> , 12, 1272-1277	9.4	1
4	A Metal-Ligand Layer Compatible with Various Types of Pillars for New Porous Coordination Polymers. <i>Crystal Growth and Design</i> , <b>2020</b> , 20, 7021-7026	3.5	0
3	Solvent-Controlled Construction of Molecular Chains and Bowls/Sieves from a Bent Dipyriddy Ligand <i>Chinese Journal of Chemistry</i> , <b>2021</b> , 39, 2523-2528	4.9	0
2	A Porous Coordination Polymer Showing Guest-Amplified Positive and Negative Thermal Expansion. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 11893-11896	5.1	0
1	Single-side and double-side swing behaviours of a flexible porous coordination polymer with a rhombic-lattice structure. <i>CrystEngComm</i> , <b>2019</b> , 21, 1872-1875	3.3	