

# Jie-Peng Zhang

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/3647500/jie-peng-zhang-publications-by-year.pdf>

**Version:** 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

136  
papers

14,778  
citations

58  
h-index

121  
g-index

139  
ext. papers

16,270  
ext. citations

10.7  
avg, IF

6.87  
L-index

#	Paper	IF	Citations
136	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
135	Tuning the gating energy barrier of metal-organic framework for molecular sieving. <i>Chem</i> , <b>2021</b> , 7, 1006-1019	10.9	16
134	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
133	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
132	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, nwa094	10.8	10
131	Solvent-Controlled Construction of Molecular Chains and Bowls/Sieves from a Bent Dipyridyl Ligand. <i>Chinese Journal of Chemistry</i> , <b>2021</b> , 39, 2523-2528	4.9	0
130	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
129	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
128	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
127	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
126	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
125	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
124	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
123	Adsorptive separation of carbon dioxide: From conventional porous materials to metal-organic frameworks. <i>EnergyChem</i> , <b>2019</b> , 1, 100016	36.9	64
122	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
121	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
120	Multistep evolution from a metal-organic framework to ultrathin nanosheets. <i>Science Bulletin</i> , <b>2019</b> , 64, 964-967	10.6	25

119	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
118	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
117	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
116	Intermediate-sized molecular sieving of styrene from larger and smaller analogues. <i>Nature Materials</i> , <b>2019</b> , 18, 994-998	27	74
115	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
114	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	
113	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
112	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
111	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
110	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
109	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
108	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
107	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
106	Controlling flexibility of metal-organic frameworks. <i>National Science Review</i> , <b>2018</b> , 5, 907-919	10.8	150
105	Metal-organic frameworks for electrocatalysis. <i>Coordination Chemistry Reviews</i> , <b>2018</b> , 373, 22-48	23.2	245
104	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
103	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
102	Mesoporous Metal-Organic Frameworks with Exceptionally High Working Capacities for Adsorption Heat Transformation. <i>Advanced Materials</i> , <b>2018</b> , 30, 1704350	24	29

101	An inorganic-MOF-inorganic approach to ultrathin CuO decorated Cu <sub>2</sub> S hybrid nanorod arrays for an efficient oxygen evolution reaction. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 19176-19181	13	50
100	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
99	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
98	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
97	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
96	Controlling guest conformation for efficient purification of butadiene. <i>Science</i> , <b>2017</b> , 356, 1193-1196	33.3	421
95	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
94	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
93	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
92	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
91	Diverse coordination polymers from a new bent dipyrindyl-type ligand 3,6-di(pyridin-4-yl)-9H-carbazole. <i>CrystEngComm</i> , <b>2017</b> , 19, 6164-6169	3.3	3
90	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
89	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
88	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
87	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
86	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
85	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
84	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

83	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
82	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
81	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
80	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
79	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
78	Porous Metal Azolate Frameworks <b>2016</b> , 309-343		1
77	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
76	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
75	Photoluminescent Metal-Organic Frameworks for Gas Sensing. <i>Advanced Science</i> , <b>2016</b> , 3, 1500434	13.6	228
74	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
73	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
72	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
71	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
70	Supramolecular-jack-like guest in ultramicroporous crystal for exceptional thermal expansion behaviour. <i>Nature Communications</i> , <b>2015</b> , 6, 6917	17.4	83
69	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
68	Coordination templated [2+2+2] cyclotrimerization in a porous coordination framework. <i>Nature Communications</i> , <b>2015</b> , 6, 8348	17.4	84
67	Efficient purification of ethene by an ethane-trapping metal-organic framework. <i>Nature Communications</i> , <b>2015</b> , 6, 8697	17.4	326
66	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

65	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
64	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
63	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
62	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
61	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
60	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
59	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
58	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
57	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
56	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
55	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
54	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
53	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
52	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
51	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
50	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
49	Turning on the flexibility of isorecticular porous coordination frameworks for drastically tunable framework breathing and thermal expansion. <i>Chemical Science</i> , <b>2013</b> , 4, 1539	9.4	144
48	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

47	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
46	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
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	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
43	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
42	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
41	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
40	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
39	Metal azolate frameworks: from crystal engineering to functional materials. <i>Chemical Reviews</i> , <b>2012</b> , 112, 1001-33	68.1	1337
38	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
37	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
36	Interweaving isomerism and isomerization of molecular chains. <i>Chemical Communications</i> , <b>2011</b> , 47, 4156-8	6.8	62
35	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
34	Pore surface tailored SOD-type metal-organic zeolites. <i>Advanced Materials</i> , <b>2011</b> , 23, 1268-71	24	228
33	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
32	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
31	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
30	Supramolecular isomerism in coordination polymers. <i>Chemical Society Reviews</i> , <b>2009</b> , 38, 2385-96	58.5	525

29	New heterometallic carboxylate frameworks: synthesis, structure, robustness, flexibility, and porosity. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 7970-6	5.1	27
28	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
27	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
26	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
25	Crystal Engineering of Coordination Polymers via Solvothermal In Situ Metal-Ligand Reactions <b>2009</b> , 63-86		1
24	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
23	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
22	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
21	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
20	Reactivity of Cationic Lanthanide(III) Monoporphyrinates 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
19	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
18	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
17	A Flexible Porous Coordination Polymer Functionalized by Unsaturated Metal Clusters. <i>Angewandte Chemie</i> , <b>2007</b> , 119, 907-910	3.6	11
16	Reversible Topochemical Transformation of a Soft Crystal of a Coordination Polymer. <i>Angewandte Chemie</i> , <b>2007</b> , 119, 8111-8114	3.6	37
15	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
14	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	2.3	34
13	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
12	Crystal engineering of binary metal imidazolate and triazolate frameworks. <i>Chemical Communications</i> , <b>2006</b> , 1689-99	5.8	376



11	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
10	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
9	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
8	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
7	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
6	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
5	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
4	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
3	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
2	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
1	Partial Order/Disorder Transformation of Interpenetrated Porous Coordination Polymers. <i>CCS Chemistry</i> , 1532-1541	7.2	1