Susumu Kitagawa

List of Publications by Year
in descending order

743	85,525	369 135	494 269
papers	citations	h-index	g-index

805	805	805	34652
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Functional Porous Coordination Polymers. Angewandte Chemie - International Edition, 2004, 43, 2334-2375.	13.8	10,106
2	Metalâ€“Organic Frameworks (MOFs). Chemical Society Reviews, 2014, 43, 5415-5418.	38.1	2,973
3	Soft porous crystals. Nature Chemistry, 2009, 1, 695-704.	13.6	2,099
4	Highly controlled acetylene accommodation in a metalâ€“organic microporous material. Nature, 2005, 436, 238-241.	27.8	1,386
5	Dynamic porous properties of coordination polymers inspired by hydrogen bonds. Chemical Society Reviews, 2005, 34, 109.	38.1	1,363
6	Three-Dimensional Framework with Channeling Cavities for Small Molecules:{[M2(4,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (4â€ 1725-1727.	4.4	1,082
7	Porous Coordination-Polymer Crystals with Gated Channels Specific for Supercritical Gases. Angewandte Chemie - International Edition, 2003, 42, 428-431.	13.8	994
8	Terminology of metalâ€“organic frameworks and coordination polymers (IUPAC Recommendations) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.9	984
9	A New, Methane Adsorbent, Porous Coordination Polymer [{CuSiF6(4,4â€²-bipyridine)2}n]. Angewandte Chemie - International Edition, 2000, 39, 2081-2084.	13.8	981
10	Three-Dimensional Porous Coordination Polymer Functionalized with Amide Groups Based on Tridentate Ligand:Â Selective Sorption and Catalysis. Journal of the American Chemical Society, 2007, 129, 2607-2614.	13.7	921
11	Chemistry of coordination space of porous coordination polymers. Coordination Chemistry Reviews, 2007, 251, 2490-2509.	18.8	880
12	Functional Micropore Chemistry of Crystalline Metal Complex-Assembled Compounds. Bulletin of the Chemical Society of Japan, 1998, 71, 1739-1753.	3.2	771
13	Structuring of metalâ€“organic frameworks at the mesoscopic/macroscopic scale. Chemical Society Reviews, 2014, 43, 5700-5734.	38.1	760
14	A flexible interpenetrating coordination framework with a bimodal porous functionality. Nature Materials, 2007, 6, 142-148.	27.5	734
15	Ion Conductivity and Transport by Porous Coordination Polymers and Metalâ€“Organic Frameworks. Accounts of Chemical Research, 2013, 46, 2376-2384.	15.6	728
16	Molecular decoding using luminescence from an entangled porous framework. Nature Communications, 2011, 2, 168.	12.8	715
17	One-dimensional imidazole aggregate in aluminium porous coordination polymers with high protonÂconductivity. Nature Materials, 2009, 8, 831-836.	27.5	709
18	Hybridization of MOFs and polymers. Chemical Society Reviews, 2017, 46, 3108-3133.	38.1	708

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19	Framework Engineering by Anions and Porous Functionalities of Cu(II)/4,4â€˜-bpy Coordination Polymers. Journal of the American Chemical Society, 2002, 124, 2568-2583.	13.7	669
20	Nanoporous Nanorods Fabricated by Coordination Modulation and Oriented Attachment Growth. Angewandte Chemie - International Edition, 2009, 48, 4739-4743.	13.8	611
21	Polymerization reactions in porous coordination polymers. Chemical Society Reviews, 2009, 38, 1228.	38.1	611
22	Formation of a One-Dimensional Array of Oxygen in a Microporous Metal-Organic Solid. Science, 2002, 298, 2358-2361.	12.6	599
23	Direct Carbonization of Al-Based Porous Coordination Polymer for Synthesis of Nanoporous Carbon. Journal of the American Chemical Society, 2012, 134, 2864-2867.	13.7	588
24	A Neutral 3D Copper Coordination Polymer Showing 1D Open Channels and the First Interpenetrating NbO-Type Network. Angewandte Chemie - International Edition, 2004, 43, 192-195.	13.8	558
25	Rational Synthesis of Stable Channel-Like Cavities with Methane Gas Adsorption Properties: [{Cu2(pzdc)2(L)}n] (pzdc=pyrazine-2,3-dicarboxylate; L=a Pillar Ligand). Angewandte Chemie - International Edition, 1999, 38, 140-143.	13.8	544
26	A Pillared-Layer Coordination Polymer Network Displaying Hysteretic Sorption: [Cu2(pzdc)2(dpyg)]n (pzdc= Pyrazine-2,3-dicarboxylate; dpyg=1,2-Di(4-pyridyl)glycol). Angewandte Chemie - International Edition, 2002, 41, 133-135.	13.8	514
27	Shape-Memory Nanopores Induced in Coordination Frameworks by Crystal Downsizing. Science, 2013, 339, 193-196.	12.6	483
28	Bidirectional Chemoâ€Switching of Spin State in a Microporous Framework. Angewandte Chemie - International Edition, 2009, 48, 4767-4771.	13.8	474
29	Coordination polymers, metalâ€“organic frameworks and the need for terminology guidelines. CrystEngComm, 2012, 14, 3001.	2.6	464
30	Controlled Multiscale Synthesis of Porous Coordination Polymer in Nano/Micro Regimes. Chemistry of Materials, 2010, 22, 4531-4538.	6.7	459
31	Self-Accelerating CO Sorption in a Soft Nanoporous Crystal. Science, 2014, 343, 167-170.	12.6	434
32	Enhanced selectivity in mixed matrix membranes for CO2 capture through efficient dispersion of amine-functionalized MOF nanoparticles. Nature Energy, 2017, 2, .	39.5	428
33	Synthesis of Prussian Blue Nanoparticles with a Hollow Interior by Controlled Chemical Etching. Angewandte Chemie - International Edition, 2012, 51, 984-988.	13.8	424
34	Pore surface engineering of microporous coordination polymers. Chemical Communications, 2006, , 701-707.	4.1	423
35	Prussian Blue Nanoparticles Protected by Poly(vinylpyrrolidone). Journal of the American Chemical Society, 2003, 125, 7814-7815.	13.7	414
36	Gas detection by structural variations of fluorescent guest molecules in a flexible porous coordination polymer. Nature Materials, 2011, 10, 787-793.	27.5	395

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37	Novel Flexible Frameworks of Porous Cobalt(II) Coordination Polymers That Show Selective Guest Adsorption Based on the Switching of Hydrogen-Bond Pairs of Amide Groups. Chemistry - A European Journal, 2002, 8, 3586.	3.3	391
38	Morphology Design of Porous Coordination Polymer Crystals by Coordination Modulation. Journal of the American Chemical Society, 2011, 133, 15506-15513.	13.7	383
39	Expanding and Shrinking Porous Modulation Based on Pillared-Layer Coordination Polymers Showing Selective Guest Adsorption. Angewandte Chemie - International Edition, 2004, 43, 3269-3272.	13.8	379
40	Exceptional Thermal Stability in a Supramolecular Organic Framework: Porosity and Gas Storage. Journal of the American Chemical Society, 2010, 132, 14457-14469.	13.7	369
41	Selective Gas Adsorption and Unique Structural Topology of a Highly Stable Guestâ€Free Zeoliteâ€Type MOF Material with Nâ€rich Chiral Open Channels. Chemistry - A European Journal, 2008, 14, 2771-2776.	3.3	361
42	An Adsorbate Discriminatory Gate Effect in a Flexible Porous Coordination Polymer for Selective Adsorption of CO₂ over C₂H₂. Journal of the American Chemical Society, 2016, 138, 3022-3030.	13.7	359
43	Flexible microporous coordination polymers. Journal of Solid State Chemistry, 2005, 178, 2420-2429.	2.9	358
44	Functional Hybrid Porous Coordination Polymers. Chemistry of Materials, 2014, 26, 310-322.	6.7	358
45	Mesoscopic architectures of porous coordination polymers fabricated by pseudomorphic replication. Nature Materials, 2012, 11, 717-723.	27.5	352
46	Immobilization of a Metallo Schiff Base into a Microporous Coordination Polymer. Angewandte Chemie - International Edition, 2004, 43, 2684-2687.	13.8	336
47	Design and control of gas diffusion process in a nanoporous soft crystal. Science, 2019, 363, 387-391.	12.6	332
48	Water-resistant porous coordination polymers for gas separation. Coordination Chemistry Reviews, 2017, 332, 48-74.	18.8	331
49	Supramolecular Isomerism, Framework Flexibility, Unsaturated Metal Center, and Porous Property of Ag(I)/Cu(I) 3,3â€˜,5,5â€˜-Tetrametyl-4,4â€˜-Bipyrazolate. Journal of the American Chemical Society, 2008, 130, 907-917.	13.7	326
50	Guest-to-Host Transmission of Structural Changes for Stimuli-Responsive Adsorption Property. Journal of the American Chemical Society, 2012, 134, 4501-4504.	13.7	326
51	Rapid preparation of flexible porous coordination polymer nanocrystals with accelerated guest adsorption kinetics. Nature Chemistry, 2010, 2, 410-416.	13.6	324
52	Guest-Induced Asymmetry in a Metalâ“Organic Porous Solid with Reversible Single-Crystal-to-Single-Crystal Structural Transformation. Journal of the American Chemical Society, 2005, 127, 17152-17153.	13.7	320
53	Selective sorption of oxygen and nitric oxide by an electron-donating flexible porous coordination polymer. Nature Chemistry, 2010, 2, 633-637.	13.6	306
54	Cellulose Hydrolysis by a New Porous Coordination Polymer Decorated with Sulfonic Acid Functional Groups. Advanced Materials, 2011, 23, 3294-3297.	21.0	299

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55	A Pillared-Layer Coordination Polymer with a Rotatable Pillar Acting as a Molecular Gate for Guest Molecules. Journal of the American Chemical Society, 2009, 131, 12792-12800.	13.7	298
56	A Contrivance for a Dynamic Porous Framework:Â Cooperative Guest Adsorption Based on Square Grids Connected by Amideâ^'Amide Hydrogen Bonds. Journal of the American Chemical Society, 2004, 126, 3817-3828.	13.7	291
57	Solid Solutions of Soft Porous Coordination Polymers: Fineâ€Tuning of Gas Adsorption Properties. Angewandte Chemie - International Edition, 2010, 49, 4820-4824.	13.8	291
58	Kinetic Gateâ€Opening Process in a Flexible Porous Coordination Polymer. Angewandte Chemie - International Edition, 2008, 47, 3914-3918.	13.8	288
59	Heterogeneously Hybridized Porous Coordination Polymer Crystals: Fabrication of Heterometallic Coreâ€"Shell Single Crystals with an Inâ€Plane Rotational Epitaxial Relationship. Angewandte Chemie - International Edition, 2009, 48, 1766-1770.	13.8	287
60	Guest Shape-Responsive Fitting of Porous Coordination Polymer with Shrinkable Framework. Journal of the American Chemical Society, 2004, 126, 14063-14070.	13.7	286
61	Microporous Materials Constructed from the Interpenetrated Coordination Networks. Structures and Methane Adsorption Properties. Chemistry of Materials, 2000, 12, 1288-1299.	6.7	284
62	Nanochannels of Two Distinct Cross-Sections in a Porous Al-Based Coordination Polymer. Journal of the American Chemical Society, 2008, 130, 13664-13672.	13.7	280
63	Coordination compounds of 1,4-dihydroxybenzoquinone and its homologues. Structures and properties. Coordination Chemistry Reviews, 2002, 224, 11-34.	18.8	279
64	Effect of functional groups in MIL-101 on water sorption behavior. Microporous and Mesoporous Materials, 2012, 157, 89-93.	4.4	271
65	Using Functional Nano- and Microparticles for the Preparation of Metalâ€"Organic Framework Composites with Novel Properties. Accounts of Chemical Research, 2014, 47, 396-405.	15.6	264
66	Inherent Proton Conduction in a 2D Coordination Framework. Journal of the American Chemical Society, 2012, 134, 12780-12785.	13.7	261
67	Controllable Modular Growth of Hierarchical MOFâ€onâ€MOF Architectures. Angewandte Chemie - International Edition, 2017, 56, 15658-15662.	13.8	246
68	Confinement of Mobile Histamine in Coordination Nanochannels for Fast Proton Transfer. Angewandte Chemie - International Edition, 2011, 50, 11706-11709.	13.8	245
69	Coordination-Network-Based Ionic Plastic Crystal for Anhydrous Proton Conductivity. Journal of the American Chemical Society, 2012, 134, 7612-7615.	13.7	237
70	Chemistry of Soft Porous Crystals: Structural Dynamics and Gas Adsorption Properties. Angewandte Chemie - International Edition, 2020, 59, 15325-15341.	13.8	236
71	Nanochannel-Promoted Polymerization of Substituted Acetylenes in Porous Coordination Polymers. Angewandte Chemie - International Edition, 2006, 45, 4112-4116.	13.8	233
72	Dynamic Motion of Building Blocks in Porous Coordination Polymers. Angewandte Chemie - International Edition, 2006, 45, 7226-7230.	13.8	233

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73	Accumulation of Glassy Poly(ethylene oxide) Anchored in a Covalent Organic Framework as a Solid-State Li⁺ Electrolyte. Journal of the American Chemical Society, 2019, 141, 1227-1234.	13.7	232
74	Preparation of Microporous Carbon Fibers through Carbonization of Al-Based Porous Coordination Polymer (Al-PCP) with Furfuryl Alcohol. Chemistry of Materials, 2011, 23, 1225-1231.	6.7	231
75	Inorganic nanoparticles in porous coordination polymers. Chemical Society Reviews, 2016, 45, 3828-3845.	38.1	220
76	Temperature-controlled hydrothermal synthesis of a 2D ferromagnetic coordination bilayered polymer and a novel 3D network with inorganic Co3(OH)2ferrimagnetic chains. Chemical Communications, 2004, , 418-419.	4.1	218
77	Reaction-Temperature-Dependent Supramolecular Isomerism of Coordination Networks Based on the Organometallic Building Block[CuI2(Î¼2-BQ)(Î¼2-OAc)2]. Angewandte Chemie - International Edition, 2004, 43, 2530-2534.	13.8	217
78	Direct Observation of Hydrogen Molecules Adsorbed onto a Microporous Coordination Polymer. Angewandte Chemie - International Edition, 2005, 44, 920-923.	13.8	211
79	Unveiling thermal transitions of polymers in subnanometre pores. Nature Communications, 2010, 1, 83.	12.8	210
80	A Flexible Coordination Polymer Crystal Providing Reversible Structural and Magnetic Conversions. Journal of the American Chemical Society, 2007, 129, 13706-13712.	13.7	208
81	Photochemical Reduction of Low Concentrations of CO₂ in a Porous Coordination Polymer with a Ruthenium(II)â€“CO Complex. Angewandte Chemie - International Edition, 2016, 55, 2697-2700.	13.8	206
82	Rational Design and Crystal Structure Determination of a 3-D Metalâ^'Organic Jungle-Gym-like Open Framework. Inorganic Chemistry, 2004, 43, 6522-6524.	4.0	202
83	Reversible Topochemical Transformation of a Soft Crystal of a Coordination Polymer. Angewandte Chemie - International Edition, 2007, 46, 7965-7968.	13.8	202
84	Radical Polymerization of Vinyl Monomers in Porous Coordination Polymers:â€‰ Nanochannel Size Effects on Reactivity, Molecular Weight, and Stereostructure. Macromolecules, 2008, 41, 87-94.	4.8	200
85	Autonomous motors of a metalâ€“organic framework powered by reorganization ofÂself-assembled peptides at interfaces. Nature Materials, 2012, 11, 1081-1085.	27.5	200
86	Pseudo-Polyrotaxane andÎ²-Sheet Layer-Based Three-Dimensional Coordination Polymers Constructed with Silver Salts and Flexible Pyridyl-Type Ligands. Inorganic Chemistry, 2002, 41, 4846-4848.	4.0	193
87	Nanostructuration of PEDOT in Porous Coordination Polymers for Tunable Porosity and Conductivity. Journal of the American Chemical Society, 2016, 138, 10088-10091.	13.7	193
88	Precise Control and Consecutive Modulation of Spin Transition Temperature Using Chemical Migration in Porous Coordination Polymers. Journal of the American Chemical Society, 2011, 133, 8600-8605.	13.7	191
89	Size and Surface Effects of Prussian Blue Nanoparticles Protected by Organic Polymers. Inorganic Chemistry, 2004, 43, 7339-7345.	4.0	190
90	Chemistry and application of flexible porous coordination polymers. Science and Technology of Advanced Materials, 2008, 9, 014108.	6.1	187

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91	Recent progress in hybrid materials science. Chemical Society Reviews, 2011, 40, 471.	38.1	187
92	Reversible Water-Induced Magnetic and Structural Conversion of a Flexible Microporous Ni(II)Fe(III) Ferromagnet. Journal of the American Chemical Society, 2007, 129, 3496-3497.	13.7	186
93	Control of Interpenetration for Tuning Structural Flexibility Influences Sorption Properties. Angewandte Chemie - International Edition, 2010, 49, 7660-7664.	13.8	184
94	Soft Secondary Building Unit: Dynamic Bond Rearrangement on Multinuclear Core of Porous Coordination Polymers in Gas Media. Journal of the American Chemical Society, 2011, 133, 9005-9013.	13.7	184
95	Amineâ€Responsive Adaptable Nanospaces: Fluorescent Porous Coordination Polymer for Molecular Recognition. Angewandte Chemie - International Edition, 2014, 53, 11772-11777.	13.8	184
96	Template Effects in Porous Coordination Polymers. Chemistry of Materials, 2008, 20, 922-931.	6.7	183
97	Photoactivation of a nanoporous crystal for on-demand guest trapping and conversion. Nature Materials, 2010, 9, 661-666.	27.5	183
98	A Bistable Porous Coordination Polymer with a Bondâ€Switching Mechanism Showing Reversible Structural and Functional Transformations. Angewandte Chemie - International Edition, 2008, 47, 8843-8847.	13.8	182
99	High CO₂/CH₄ and C2 Hydrocarbons/CH₄ Selectivity in a Chemically Robust Porous Coordination Polymer. Advanced Functional Materials, 2013, 23, 3525-3530.	14.9	182
100	High CO₂/N₂/O₂/CO separation in a chemically robust porous coordination polymer with low binding energy. Chemical Science, 2014, 5, 660-666.	7.4	181
101	Porous lanthanideâ€“organic framework with zeolite-like topology. Chemical Communications, 2005, , 2436.	4.1	179
102	Selective guest sorption in an interdigitated porous framework with hydrophobic pore surfaces. Chemical Communications, 2007, , 3395.	4.1	179
103	Reversible Solid-to-Liquid Phase Transition of Coordination Polymer Crystals. Journal of the American Chemical Society, 2015, 137, 864-870.	13.7	178
104	Sequential Functionalization of Porous Coordination Polymer Crystals. Angewandte Chemie - International Edition, 2011, 50, 8057-8061.	13.8	175
105	Highly ordered alignment of a vinyl polymer by hostâ€“guest cross-polymerization. Nature Chemistry, 2013, 5, 335-341.	13.6	172
106	Integration of Porous Coordination Polymers and Gold Nanorods into Coreâ€“Shell Mesoscopic Composites toward Light-Induced Molecular Release. Journal of the American Chemical Society, 2013, 135, 10998-11005.	13.7	171
107	Guest-Specific Function of a Flexible Undulating Channel in a 7,7,8,8-Tetracyano-p-quinodimethane Dimer-Based Porous Coordination Polymer. Journal of the American Chemical Society, 2007, 129, 10990-10991.	13.7	170
108	Ligand-based solid solution approach to stabilisation of sulphonic acid groups in porous coordination polymer Zr6O4(OH)4(BDC)6 (UiO-66). Dalton Transactions, 2012, 41, 13791.	3.3	170

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109	Perfluoroalkyl-Functionalized Covalent Organic Frameworks with Superhydrophobicity for Anhydrous Proton Conduction. Journal of the American Chemical Society, 2020, 142, 14357-14364.	13.7	167
110	Oxidative Addition of Halogens on Open Metal Sites in a Microporous Spinâ€Crossover Coordination Polymer. Angewandte Chemie - International Edition, 2009, 48, 8944-8947.	13.8	164
111	A Flexible Porous Coordination Polymer Functionalized by Unsaturated Metal Clusters. Angewandte Chemie - International Edition, 2007, 46, 889-892.	13.8	161
112	Reversible Switching between Highly Porous and Nonporous Phases of an Interpenetrated Diamondoid Coordination Network That Exhibits Gateâ€Opening at Methane Storage Pressures. Angewandte Chemie - International Edition, 2018, 57, 5684-5689.	13.8	161
113	Out-of-plane dimers of Mn(iii) quadridentate Schiff-base complexes with saltmen2â€“ and naphtmen2â€“ ligands: structure analysis and ferromagnetic exchange. Dalton Transactions RSC, 2002, , 1528-1534.	2.3	160
114	Preparation of Acentric Porous Coordination Frameworks from an Interpenetrated Diamondoid Array through Anion-Exchange Procedures:Â Crystal Structures and Properties. Inorganic Chemistry, 2004, 43, 1287-1293.	4.0	154
115	A Dynamic, Isocyanurateâ€Functionalized Porous Coordination Polymer. Angewandte Chemie - International Edition, 2008, 47, 3403-3406.	13.8	154
116	Self-assembly of metalâ€“organic polyhedra into supramolecular polymers with intrinsic microporosity. Nature Communications, 2018, 9, 2506.	12.8	152
117	A novel three-dimensional coordination polymer constructed with mixed-valence dimeric copper(i,ii) unitsElectronic supplementary information (ESI) available: synthesis and data for 1. See http://www.rsc.org/suppdata/cc/b2/b210914j/. Chemical Communications, 2003, , 428-429.	4.1	151
118	Porous Coordination-Polymer Crystals with Gated Channels Specific for Supercritical Gases. Angewandte Chemie, 2003, 115, 444-447.	2.0	150
119	Anthracene array-type porous coordination polymer with hostâ€“guest charge transfer interactions in excited states. Chemical Communications, 2007, , 3142.	4.1	150
120	Two-Dimensional Sheets of Tetragonal Copper(II) Lattices: X-Ray Crystal Structure and Magnetic Properties of[Cu(C6O4Cl2)(C4H4N2)]n. Angewandte Chemie International Edition in English, 1994, 33, 1759-1761.	4.4	149
121	Radical polymerisation of styrene in porous coordination polymers. Chemical Communications, 2005, , 5968.	4.1	148
122	Coordination polymers constructed from transition metal ions and organic N-containing heterocyclic ligands: Crystal structures and microporous properties. Progress in Polymer Science, 2009, 34, 240-279.	24.7	148
123	A solid solution approach to 2D coordination polymers for CH₄/CO₂and CH₄/C₂H₆gas separation: equilibrium and kinetic studies. Chemical Science, 2012, 3, 116-120.	7.4	148
124	A block PCP crystal: anisotropic hybridization of porous coordination polymers by face-selective epitaxial growth. Chemical Communications, 2009, , 5097.	4.1	147
125	Porous Materials and the Age of Gas. Angewandte Chemie - International Edition, 2015, 54, 10686-10687.	13.8	147
126	Encapsulating Mobile Proton Carriers into Structural Defects in Coordination Polymer Crystals: High Anhydrous Proton Conduction and Fuel Cell Application. Journal of the American Chemical Society, 2016, 138, 8505-8511.	13.7	146

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127	A New Dimension for Coordination Polymers and Metalâ€“Organic Frameworks: Towards Functional Glasses and Liquids. Angewandte Chemie - International Edition, 2020, 59, 6652-6664.	13.8	146
128	Chiral Cyanide-Bridged MnIIMnIIIFerrimagnets, [MnII(HL)(H2O)][MnIII(CN)6]Â·2H2O (L =S-) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 T Chemical Society, 2007, 129, 248-249.	13.7	145
129	Supramolecular Isomerism in Cadmium Hydroxide Phases. Temperature-Dependent Synthesis and Structure of Photoluminescent Coordination Polymers of Î±- and Î²-Cd2(OH)2(2,4-pyda). Crystal Growth and Design, 2005, 5, 837-839.	3.0	144
130	Future Porous Materials. Accounts of Chemical Research, 2017, 50, 514-516.	15.6	141
131	Direct synthesis of nanoporous carbon nitride fibers using Al-based porous coordination polymers (Al-PCPs). Chemical Communications, 2011, 47, 8124.	4.1	140
132	TCNQ Dianion-Based Coordination Polymer Whose Open Framework Shows Charge-Transfer Type Guest Inclusion. Journal of the American Chemical Society, 2006, 128, 16416-16417.	13.7	138
133	Immobilization of Sodium Ions on the Pore Surface of a Porous Coordination Polymer. Journal of the American Chemical Society, 2006, 128, 4222-4223.	13.7	136
134	Stepwise Synthesis and Magnetic Control of Trimetallic Magnets [Co2Ln(L)2(H2O)4][Cr(CN)6]Â·nH2O (Ln = La, Gd; H2L = 2,6-Di(acetoacetyl)pyridine) with 3-D Pillared-Layer Structure. Journal of the American Chemical Society, 2006, 128, 16426-16427.	13.7	136
135	Chemistry of porous coordination polymers. Pure and Applied Chemistry, 2007, 79, 2155-2177.	1.9	135
136	Framework Control by a Metalloligand Having Multicoordination Ability:â€‰ New Synthetic Approach for Crystal Structures and Magnetic Properties. Inorganic Chemistry, 2005, 44, 133-146.	4.0	134
137	Conformation and Molecular Dynamics of Single Polystyrene Chain Confined in Coordination Nanospace. Journal of the American Chemical Society, 2008, 130, 6781-6788.	13.7	133
138	Coordinatively Immobilized Monolayers on Porous Coordination Polymer Crystals. Angewandte Chemie - International Edition, 2010, 49, 5327-5330.	13.8	133
139	Modular Design of Porous Soft Materials via Self-Organization of Metalâ€“Organic Cages. Accounts of Chemical Research, 2018, 51, 2437-2446.	15.6	133
140	A phase transformable ultrastable titanium-carboxylate framework for photoconduction. Nature Communications, 2018, 9, 1660.	12.8	128
141	New microporous coordination polymer affording guest-coordination sites at channel wallsElectronic supplementary information (ESI) available: Fig. S1: XRPD patterns of (a) simulation, (b) 2 and (c) 3. See http://www.rsc.org/suppdata/cc/b1/b108695b/. Chemical Communications, 2002, , 222-223.	4.1	127
142	Polymerization in Coordination Nanospaces. Chemistry - an Asian Journal, 2006, 1, 36-44.	3.3	127
143	Integration of Intrinsic Proton Conduction and Guest-Accessible Nanospace into a Coordination Polymer. Journal of the American Chemical Society, 2013, 135, 11345-11350.	13.7	127
144	An oxalate-linked copper(II) coordination polymer, [Cu2(oxalate)2(pyrazine)3]n, constructed with two different copper units: x-ray crystallographic and electronic structures. Inorganic Chemistry, 1995, 34, 4790-4796.	4.0	126

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145	Fabrication of Twoâ€Dimensional Polymer Arrays: Template Synthesis of Polypyrrole between Redoxâ€Active Coordination Nanoslits. Angewandte Chemie - International Edition, 2008, 47, 9883-9886.	13.8	126
146	Highly proton conductive nanoporous coordination polymers with sulfonic acid groups on the pore surface. Chemical Communications, 2014, 50, 1144-1146.	4.1	126
147	Binary Janus Porous Coordination Polymer Coatings for Sensor Devices with Tunable Analyte Affinity. Angewandte Chemie - International Edition, 2013, 52, 341-345.	13.8	125
148	Building of 2D Sheet of Tetrakis(methylthio)tetrathiafulvalenes Coordinating to Copper(I) Halides with Zigzag and Helical Frames and the 3D Network through the S.cntdot. .cntdot. .cntdot.S Contacts. Inorganic Chemistry, 1995, 34, 2705-2710.	4.0	124
149	Topotactic Linear Radical Polymerization of Divinylbenzenes in Porous Coordination Polymers. Angewandte Chemie - International Edition, 2007, 46, 4987-4990.	13.8	124
150	A Dualâ€Ligand Porous Coordination Polymer Chemiresistor with Modulated Conductivity and Porosity. Angewandte Chemie - International Edition, 2020, 59, 172-176.	13.8	124
151	Localized cell stimulation by nitric oxide using a photoactive porous coordination polymer platform. Nature Communications, 2013, 4, 2684.	12.8	122
152	Two Types of New Polymeric Copper(I) Complexes of Pyrazinecarboxamide Having Channel and Helical Structures. Inorganic Chemistry, 1997, 36, 5416-5418.	4.0	119
153	Dreidimensionale GerÃ¼ststrukturen mit kanalfÃ¶rmigen HohlrÃumen fÃ¼r kleine MolekÃ¼le: {[M₂(4,4â€²â€bpy)₃(NO₃)₄]Â·xH₂O}_n (M = Co, Ni, Zn). Angewandte Chemie, 1997, 109, 1844-1846.	2.0	119
154	Rational Design of a Novel Intercalation System. Layer-Gap Control of Crystalline Coordination Polymers, {[Cu(CA)(H2O)m](G)}n(m= 2, G = 2,5-Dimethylpyrazine and Phenazine;m= 1, G =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 650 377	4.0	118
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