Susumu Kitagawa

List of Publications by Year
in descending order

743 papers	85,525 citations	369 / 135 h-index	494 / 269 g-index
805 all docs	805 docs citations	805 times ranked	34652 citing authors

#	Article	IF	Citations
1	Hybridization of Emerging Crystalline Porous Materials: Synthesis Dimensionality and Electrochemical Energy Storage Application. Advanced Energy Materials, 2022, 12, 2100321.	19.5	41
2	Highly Processable Covalent Organic Framework Gel Electrolyte Enabled by Sideâ€Chain Engineering for Lithiumâ€Ion Batteries. Angewandte Chemie, 2022, 134, .	2.0	5
3	Highly Processable Covalent Organic Framework Gel Electrolyte Enabled by Sideâ€Chain Engineering for Lithiumâ€Ion Batteries. Angewandte Chemie - International Edition, 2022, 61, e202110695.	13.8	44
4	Topochemical [2 + 2] Cycloaddition in a Two-Dimensional Metalâ€"Organic Framework via SCSC Transformation Impacts HalogenÂ·Â·Â·Halogen Interactions. Inorganic Chemistry, 2022, 61, 3029-3032.	4.0	10
5	Hypercrosslinked Polymer Gels as a Synthetic Hybridization Platform for Designing Versatile Molecular Separators. Journal of the American Chemical Society, 2022, 144, 6861-6870.	13.7	40
6	Tunable acetylene sorption by flexible catenated metalâ€"organic frameworks. Nature Chemistry, 2022, 14, 816-822.	13.6	62
7	How Reproducible are Surface Areas Calculated from the BET Equation?. Advanced Materials, 2022, 34, .	21.0	82
8	Shapeâ€•and Sizeâ€Dependent Kinetic Ethylene Sieving from a Ternary Mixture by a Trapâ€andâ€Flow Channel Crystal. Advanced Functional Materials, 2022, 32, .	14.9	51
9	Construction of unimpeded proton-conducting pathways in solution-processed nanoporous polymer membranes. Materials Horizons, 2021, 8, 3088-3095.	12.2	9
10	Concluding remarks: current and next generation MOFs. Faraday Discussions, 2021, 231, 397-417.	3.2	17
11	Surface morphology-induced spin-crossover-inactive high-spin state in a coordination framework. Chemical Communications, 2021, 57, 1462-1465.	4.1	6
12	Crystal Flexibility Design through Local and Global Motility Cooperation. Angewandte Chemie, 2021, 133, 7106-7111.	2.0	0
13	Crystal Flexibility Design through Local and Global Motility Cooperation. Angewandte Chemie - International Edition, 2021, 60, 7030-7035.	13.8	23
14	Hostâ€"Guest Interaction Modulation in Porous Coordination Polymers for Inverse Selective CO₂/C₂H₂Separation. Angewandte Chemie, 2021, 133, 11794-11800.	2.0	18
15	Hostâ€"Guest Interaction Modulation in Porous Coordination Polymers for Inverse Selective CO₂/C₂H₂Separation. Angewandte Chemie - International Edition, 2021, 60, 11688-11694.	13.8	115
16	Frontispiz: Hostâ€"Guest Interaction Modulation in Porous Coordination Polymers for Inverse Selective CO₂/C₂H₂ Separation. Angewandte Chemie, 2021, 133, .	2.0	0
17	Frontispiece: Hostâ€"Guest Interaction Modulation in Porous Coordination Polymers for Inverse Selective CO₂/C₂H₂ Separation. Angewandte Chemie - International Edition, 2021, 60, .	13.8	0
18	Hostâ€"Guest Assembly of H-Bonding Networks in Covalent Organic Frameworks for Ultrafast and Anhydrous Proton Transfer. ACS Applied Materials & Interfaces, 2021, 13, 37172-37178.	8.0	19

#	Article	IF	Citations
19	Guestâ€selective gateâ€opening by pore engineering of twoâ€dimensional KagomÃ¨ lattice porous coordination polymers. Natural Sciences, 2021, 1, e10020.	2.1	3
20	Xylene Recognition in Flexible Porous Coordination Polymer by Guest-Dependent Structural Transition. ACS Applied Materials & Interfaces, 2021, 13, 52144-52151.	8.0	10
21	Benchmark Acetylene Binding Affinity and Separation through Induced Fit in a Flexible Hybrid Ultramicroporous Material. Angewandte Chemie, 2021, 133, 20546-20553.	2.0	14
22	Benchmark Acetylene Binding Affinity and Separation through Induced Fit in a Flexible Hybrid Ultramicroporous Material. Angewandte Chemie - International Edition, 2021, 60, 20383-20390.	13.8	56
23	Effect of Micropores of a Porous Coordination Polymer on the Product Selectivity in Ru^{II} Complexâ€catalyzed CO₂ Reduction. Chemistry - an Asian Journal, 2021, 16, 3341-3344.	3.3	4
24	A comparative study of honeycomb-like 2D Ï€-conjugated metalâ€“organic framework chemiresistors: conductivity and channels. Dalton Transactions, 2021, 50, 13236-13245.	3.3	17
25	The chemistry and applications of flexible porous coordination polymers. EnergyChem, 2021, 3, 100067.	19.1	66
26	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
27	A Dualâ€Ligand Porous Coordination Polymer Chemiresistor with Modulated Conductivity and Porosity. Angewandte Chemie - International Edition, 2020, 59, 172-176.	13.8	124
28	A Dualâ€Ligand Porous Coordination Polymer Chemiresistor with Modulated Conductivity and Porosity. Angewandte Chemie, 2020, 132, 178-182.	2.0	8
29	Eine neue Dimension von Koordinationspolymeren und Metallâ€organischen GerÃ¼sten: hin zu funktionellen GlÃ¤sern und FlÃ¼ssigkeiten. Angewandte Chemie, 2020, 132, 6716-6729.	2.0	17
30	Upscale synthesis of a binary pillared layered MOF for hydrocarbon gas storage and separation. Green Chemistry, 2020, 22, 718-724.	9.0	94
31	The role of lattice vibration in the terahertz region for proton conduction in 2D metalâ€“organic frameworks. Chemical Science, 2020, 11, 1538-1541.	7.4	9
32	Pseudoâ€Gated Adsorption with Negligible Volume Change Evoked by Halogenâ€Bond Interaction in the Nanospace of MOFs. Chemistry - A European Journal, 2020, 26, 2148-2153.	3.3	21
33	Transport properties in porous coordination polymers. Coordination Chemistry Reviews, 2020, 421, 213447.	18.8	63
34	Crystalline and Stable Benzofuran-Linked Covalent Organic Frameworks from Irreversible Cascade Reactions. Journal of the American Chemical Society, 2020, 142, 13316-13321.	13.7	85
35	Perfluoroalkyl-Functionalized Covalent Organic Frameworks with Superhydrophobicity for Anhydrous Proton Conduction. Journal of the American Chemical Society, 2020, 142, 14357-14364.	13.7	167
36	Control of local flexibility towards <i>p</i>-xylene sieving in Hofmann-type porous coordination polymers. Chemical Communications, 2020, 56, 9632-9635.	4.1	14

#	Article	IF	Citations
37	A square lattice topology coordination network that exhibits highly selective C 2 H 2 /CO 2 separation performance. SmartMat, 2020, 1, e1008.	10.7	7
38	Dynamic Transformation between Covalent Organic Frameworks and Discrete Organic Cages. Journal of the American Chemical Society, 2020, 142, 21279-21284.	13.7	54
39	Die Chemie verformbarer porÃ¶ser Kristalle â€“ Strukturdynamik und Gasadsorptionseigenschaften. Angewandte Chemie, 2020, 132, 15438-15456.	2.0	28
40	Chemistry of Soft Porous Crystals: Structural Dynamics and Gas Adsorption Properties. Angewandte Chemie - International Edition, 2020, 59, 15325-15341.	13.8	236
41	Photocleavage Synthesis of Hydroxy Groupâ€Bearing Porous Coordination Polymers. ChemNanoMat, 2020, 6, 739-743.	2.8	0
42	Structuralâ€Deformationâ€Energyâ€Modulation Strategy in a Soft Porous Coordination Polymer with an Interpenetrated Framework. Angewandte Chemie, 2020, 132, 15647-15651.	2.0	4
43	Structuralâ€Deformationâ€Energyâ€Modulation Strategy in a Soft Porous Coordination Polymer with an Interpenetrated Framework. Angewandte Chemie - International Edition, 2020, 59, 15517-15521.	13.8	38
44	Ligandâ€Assisted Electrochemical CO₂ Reduction by Ruâ€Polypyridyl Complexes. European Journal of Inorganic Chemistry, 2020, 2020, 1814-1818.	2.0	12
45	Observation of an exotic state of water in the hydrophilic nanospace of porous coordination polymers. Communications Chemistry, 2020, 3, .	4.5	12
46	A highly oriented conductive MOF thin film-based Schottky diode for self-powered light and gas detection. Journal of Materials Chemistry A, 2020, 8, 9085-9090.	10.3	42
47	Bottom-up Synthesis of Defect-free Mixed-matrix Membranes by Using Polymer-grafted Metalâ€“Organic Polyhedra. Chemistry Letters, 2019, 48, 597-600.	1.3	22
48	Glass-phase coordination polymer displaying proton conductivity and guest-accessible porosity. Chemical Communications, 2019, 55, 8528-8531.	4.1	24
49	Rational Tuning of Zirconium Metalâ€“Organic Framework Membranes for Hydrogen Purification. Angewandte Chemie, 2019, 131, 19210-19216.	2.0	18
50	Rational Tuning of Zirconium Metalâ€“Organic Framework Membranes for Hydrogen Purification. Angewandte Chemie - International Edition, 2019, 58, 19034-19040.	13.8	89
51	Grafting Free Carboxylic Acid Groups onto the Pore Surface of 3D Porous Coordination Polymers for High Proton Conductivity. Chemistry of Materials, 2019, 31, 8494-8503.	6.7	40
52	Carbon dioxide capture and efficient fixation in a dynamic porous coordination polymer. Nature Communications, 2019, 10, 4362.	12.8	91
53	Design and control of gas diffusion process in a nanoporous soft crystal. Science, 2019, 363, 387-391.	12.6	332
54	Homogenized Bimetallic Catalysts from Metalâ€“Organic Framework Alloys. Chemistry of Materials, 2019, 31, 4205-4212.	6.7	29

#	Article	IF	Citations
55	Borohydride-containing coordination polymers: synthesis, air stability and dehydrogenation. Chemical Science, 2019, 10, 6193-6198.	7.4	4
56	Partially fluorinated MIL-101(Cr): from a miniscule structure modification to a huge chemical environment transformation inspected by ¹²⁹Xe NMR. Journal of Materials Chemistry A, 2019, 7, 15101-15112.	10.3	36
57	Frontispiece: In Situ Tracking of Dynamic NO Capture through a Crystal-to-Crystal Transformation from a Gate-Open-Type Chain Porous Coordination Polymer to a NO-Adducted Discrete Isomer. Chemistry - A European Journal, 2019, 25, .	3.3	0
58	Crystal melting and glass formation in copper thiocyanate based coordination polymers. Chemical Communications, 2019, 55, 5455-5458.	4.1	57
59	In Situ Tracking of Dynamic NO Capture through a Crystalâ€toâ€Crystal Transformation from a Gateâ€Openâ€Type Chain Porous Coordination Polymer to a NOâ€Adducted Discrete Isomer. Chemistry - A European Journal, 2019, 25, 3020-3031.	3.3	12
60	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
61	Highly responsive nature of porous coordination polymer surfaces imaged by in situ atomic force microscopy. Nature Chemistry, 2019, 11, 109-116.	13.6	75
62	A phase transformable ultrastable titanium-carboxylate framework for photoconduction. Nature Communications, 2018, 9, 1660.	12.8	128
63	Generation of thiyl radicals in a zinc(<scp>ii</scp>) porous coordination polymer by light-induced post-synthetic deprotection. Chemical Communications, 2018, 54, 4782-4785.	4.1	14
64	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
65	Reversible Switching between Highly Porous and Nonporous Phases of an Interpenetrated Diamondoid Coordination Network That Exhibits Gateâ€Opening at Methane Storage Pressures. Angewandte Chemie, 2018, 130, 5786-5791.	2.0	27
66	Construction of a Hierarchical Architecture of Covalent Organic Frameworks via a Postsynthetic Approach. Journal of the American Chemical Society, 2018, 140, 2602-2609.	13.7	117
67	Efficient CO₂ Removal for Ultraâ€Pure CO Production by Two Hybrid Ultramicroporous Materials. Angewandte Chemie - International Edition, 2018, 57, 3332-3336.	13.8	52
68	Reactions in Confined Spaces. ChemPhysChem, 2018, 19, 339-340.	2.1	11
69	Efficient CO₂ Removal for Ultraâ€Pure CO Production by Two Hybrid Ultramicroporous Materials. Angewandte Chemie, 2018, 130, 3390-3394.	2.0	12
70	Finely Controlled Stepwise Engineering of Pore Environments and Mechanistic Elucidation of Waterâ€Stable, Flexible 2D Porous Coordination Polymers. Chemistry - A European Journal, 2018, 24, 6412-6417.	3.3	16
71	Sequence-regulated copolymerization based on periodic covalent positioning of monomers along one-dimensional nanochannels. Nature Communications, 2018, 9, 329.	12.8	60
72	Continuous Scientific Growth through an Openâ€Minded Attitude. Chemistry - an Asian Journal, 2018, 13, 7-8.	3.3	0

#	Article	IF	Citations
73	Anisotropic convergence of dendritic macromolecules facilitated by a heteroleptic metalâ€“organic polyhedron scaffold. Chemical Communications, 2018, 54, 5209-5212.	4.1	16
74	Formation of coordination polymer glass by mechanical milling: dependence on metal ions and molecular doping for H⁺ conductivity. Chemical Communications, 2018, 54, 6859-6862.	4.1	42
75	Readily accessible shape-memory effect in a porous interpenetrated coordination network. Science Advances, 2018, 4, eaaq1636.	10.3	61
76	Fabrication of Îµ-Fe₂N Catalytic Sites in Porous Carbons Derived from an Ironâ€“Triazolate Crystal. Chemistry of Materials, 2018, 30, 1830-1834.	6.7	24
77	Electrochemical behavior of a Rh(pentamethylcyclopentadienyl) complex bearing an NAD⁺/NADH-functionalized ligand. Dalton Transactions, 2018, 47, 5207-5216.	3.3	2
78	Design and Synthesis of Porous Coordination Polymers with Expanded Oneâ€Dimensional Channels and Strongly Lewisâ€Acidic Sites. ChemNanoMat, 2018, 4, 103-111.	2.8	11
79	Purely Physisorptionâ€Based COâ€Selective Gateâ€Opening in Microporous Organically Pillared Layered Silicates. Angewandte Chemie, 2018, 130, 573-577.	2.0	4
80	Insights into inorganic buffer layer-assisted <i>in situ</i> fabrication of MOF films with controlled microstructures. CrystEngComm, 2018, 20, 6995-7000.	2.6	13
81	Modular Self-Assembly and Dynamics in Coordination Star Polymer Glasses: New Media for Ion Transport. Chemistry of Materials, 2018, 30, 8555-8561.	6.7	27
82	Gas-responsive porous magnet distinguishes the electron spin of molecular oxygen. Nature Communications, 2018, 9, 5420.	12.8	58
83	Theoretical Insight into Gate-Opening Adsorption Mechanism and Sigmoidal Adsorption Isotherm into Porous Coordination Polymer. Journal of the American Chemical Society, 2018, 140, 13958-13969.	13.7	48
84	Temperature-Stable Compelled Composite Superhydrophobic Porous Coordination Polymers Achieved via an Unattainable <i>de Novo</i> Synthetic Method. Journal of the American Chemical Society, 2018, 140, 13786-13792.	13.7	32
85	Selective Formation of End-on Orientation between Polythiophene and Fullerene Mediated by Coordination Nanospaces. Journal of Physical Chemistry C, 2018, 122, 24182-24189.	3.1	11
86	Modular Design of Porous Soft Materials via Self-Organization of Metalâ€“Organic Cages. Accounts of Chemical Research, 2018, 51, 2437-2446.	15.6	133
87	Coordination Modulation Method To Prepare New Metalâ€“Organic Framework-Based CO-Releasing Materials. ACS Applied Materials & Interfaces, 2018, 10, 31158-31167.	8.0	31
88	Storage of CO₂ into Porous Coordination Polymer Controlled by Molecular Rotor Dynamics. Angewandte Chemie - International Edition, 2018, 57, 8687-8690.	13.8	64
89	Paraffinic metalâ€“organic polyhedrons: solution-processable porous modules exhibiting three-dimensional molecular order. Chemical Communications, 2018, 54, 7290-7293.	4.1	19
90	Switchable gate-opening effect in metalâ€“organic polyhedra assemblies through solution processing. Chemical Science, 2018, 9, 6463-6469.	7.4	40

#	Article	IF	Citations
91	Fighting at the Interface: Structural Evolution during Heteroepitaxial Growth of Cyanometallate Coordination Polymers. Inorganic Chemistry, 2018, 57, 8701-8704.	4.0	14
92	Atomic Force Microscopy Study of the Influence of the Synthesis Conditions on the Singleâ€Crystal Surface of Interdigitated Metalâ€Organic Frameworks. ChemPhysChem, 2018, 19, 2134-2138.	2.1	7
93	Storage of CO₂ into Porous Coordination Polymer Controlled by Molecular Rotor Dynamics. Angewandte Chemie, 2018, 130, 8823-8826.	2.0	18
94	Purely Physisorptionâ€Based COâ€Selective Gateâ€Opening in Microporous Organically Pillared Layered Silicates. Angewandte Chemie - International Edition, 2018, 57, 564-568.	13.8	7
95	Self-assembly of metalâ€“organic polyhedra into supramolecular polymers with intrinsic microporosity. Nature Communications, 2018, 9, 2506.	12.8	152
96	Crystal Engineering of Self-Assembled Porous Protein Materials in Living Cells. ACS Nano, 2017, 11, 2410-2419.	14.6	53
97	Mechanical Alloying of Metalâ€“Organic Frameworks. Angewandte Chemie, 2017, 129, 2453-2457.	2.0	21
98	Mechanical Alloying of Metalâ€“Organic Frameworks. Angewandte Chemie - International Edition, 2017, 56, 2413-2417.	13.8	53
99	Mappingâ€Out Catalytic Processes in a Metalâ€“Organic Framework with Singleâ€Crystal Xâ€ray Crystallography. Angewandte Chemie - International Edition, 2017, 56, 8412-8416.	13.8	75
100	Mappingâ€Out Catalytic Processes in a Metalâ€“Organic Framework with Singleâ€Crystal Xâ€ray Crystallography. Angewandte Chemie, 2017, 129, 8532-8536.	2.0	20
101	Highly efficient oxidative adsorption of methanethiol from hydrocarbon gas using Cu 2+ -based porous coordination polymers. Microporous and Mesoporous Materials, 2017, 243, 351-354.	4.4	7
102	Base assisted Câ€“C coupling between carbonyl and polypyridyl ligands in a Ru-NADH-type carbonyl complex. Dalton Transactions, 2017, 46, 4373-4381.	3.3	10
103	Preparation of Porous Polysaccharides Templated by Coordination Polymer with Three-Dimensional Nanochannels. ACS Applied Materials & Interfaces, 2017, 9, 11373-11379.	8.0	25
104	Enhanced and Optically Switchable Proton Conductivity in a Melting Coordination Polymer Crystal. Angewandte Chemie - International Edition, 2017, 56, 4976-4981.	13.8	83
105	Development of a Porous Coordination Polymer with a High Gas Capacity Using a Thiophene-Based Bent Tetracarboxylate Ligand. ACS Applied Materials & Interfaces, 2017, 9, 33455-33460.	8.0	32
106	Opening of an Accessible Microporosity in an Otherwise Nonporous Metalâ€“Organic Framework by Polymeric Guests. Journal of the American Chemical Society, 2017, 139, 7886-7892.	13.7	65
107	Enhanced and Optically Switchable Proton Conductivity in a Melting Coordination Polymer Crystal. Angewandte Chemie, 2017, 129, 5058-5063.	2.0	21
108	Enhanced properties of metalâ€“organic framework thin films fabricated via a coordination modulation-controlled layer-by-layer process. Journal of Materials Chemistry A, 2017, 5, 13665-13673.	10.3	35

#	Article	IF	Citations
109	Hybridization of MOFs and polymers. Chemical Society Reviews, 2017, 46, 3108-3133.	38.1	708
110	Preparation of polythiophene microrods with ordered chain alignment using nanoporous coordination template. Polymer Chemistry, 2017, 8, 5077-5081.	3.9	32
111	Metal-Organic Cuboctahedra for Synthetic Ion Channels with Multiple Conductance States. CheM, 2017, 2, 393-403.	11.7	89
112	Future Porous Materials. Accounts of Chemical Research, 2017, 50, 514-516.	15.6	141
113	Constant Volume Gate-Opening by Freezing Rotational Dynamics in Microporous Organically Pillared Layered Silicates. Journal of the American Chemical Society, 2017, 139, 904-909.	13.7	25
114	Light responsive metalâ€“organic frameworks as controllable CO-releasing cell culture substrates. Chemical Science, 2017, 8, 2381-2386.	7.4	96
115	Unveiling liquid MOFs. Nature Materials, 2017, 16, 1054-1055.	27.5	25
116	Controllable Modular Growth of Hierarchical MOFâ€•onâ€•MOF Architectures. Angewandte Chemie, 2017, 129, 15864-15868.	2.0	64
117	Controllable Modular Growth of Hierarchical MOFâ€•onâ€•MOF Architectures. Angewandte Chemie - International Edition, 2017, 56, 15658-15662.	13.8	246
118	MOFs modeling and theory: general discussion. Faraday Discussions, 2017, 201, 233-245.	3.2	4
119	New directions in gas sorption and separation with MOFs: general discussion. Faraday Discussions, 2017, 201, 175-194.	3.2	6
120	Catalysis in MOFs: general discussion. Faraday Discussions, 2017, 201, 369-394.	3.2	14
121	Catalytic Hydride Transfer to CO₂ Using Ru-NAD-Type Complexes under Electrochemical Conditions. Inorganic Chemistry, 2017, 56, 11066-11073.	4.0	22
122	Synthesis of Oligodiacetylene Derivatives from Flexible Porous Coordination Frameworks. Journal of the American Chemical Society, 2017, 139, 13876-13881.	13.7	7
123	Porosity Distribution Control in Carbon by Tuning the Carbonization Rate in Porous Coordination Polymers. Chemistry Letters, 2017, 46, 1650-1653.	1.3	1
124	Controlled Organization of Anthracene in Porous Coordination Polymers. Chemistry Letters, 2017, 46, 1705-1707.	1.3	11
125	Imidazolium cation transportation in a 1-D coordination polymer. Dalton Transactions, 2017, 46, 10798-10801.	3.3	4
126	Synthesis of Manganese ZIF-8 from [Mn(BH₄)₂Â·3THF]Â·NaBH₄. Inorganic Chemistry, 2017, 56, 8744-8747.	4.0	40

#	Article	IF	Citations
127	Density Gradation of Open Metal Sites in the Mesospace of Porous Coordination Polymers. Journal of the American Chemical Society, 2017, 139, 11576-11583.	13.7	118
128	Flexible interlocked porous frameworks allow quantitative photoisomerization in a crystalline solid. Nature Communications, 2017, 8, 100.	12.8	100
129	Porous crystalline materials: closing remarks. Faraday Discussions, 2017, 201, 395-404.	3.2	11
130	Characteristic Features of CO₂ and CO Adsorptions to Paddle-Wheel-type Porous Coordination Polymer. Journal of Physical Chemistry C, 2017, 121, 19129-19139.	3.1	13
131	Enhanced selectivity in mixed matrix membranes for CO2 capture through efficient dispersion of amine-functionalized MOF nanoparticles. Nature Energy, 2017, 2, .	39.5	428
132	Cooperative Bond Scission in a Soft Porous Crystal Enables Discriminatory Gate Opening for Ethylene over Ethane. Journal of the American Chemical Society, 2017, 139, 18313-18321.	13.7	72
133	Localized Conversion of Metalâ€“Organic Frameworks into Polymer Gels via Light-Induced Click Chemistry. Chemistry of Materials, 2017, 29, 5982-5989.	6.7	26
134	Fine-tuning optimal porous coordination polymers using functional alkyl groups for CH₄ purification. Journal of Materials Chemistry A, 2017, 5, 17874-17880.	10.3	32
135	Anisotropic coordination star polymers realized by self-sorting core modulation. Chemical Communications, 2017, 53, 8180-8183.	4.1	23
136	Water-resistant porous coordination polymers for gas separation. Coordination Chemistry Reviews, 2017, 332, 48-74.	18.8	331
137	Thermal ring-opening polymerization of an unsymmetrical silicon-bridged [1]ferrocenophane in coordination nanochannels. Chemical Communications, 2017, 53, 6945-6948.	4.1	12
138	Soft and dynamic properties of PCPs and MOFs. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C2-C2.	0.1	0
139	Shape memory nanopores in a porous MOM. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C184-C184.	0.1	0
140	Coordination polymer glass for bio-inspired photoelectric conversion application. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C1033-C1033.	0.1	0
141	Radical Polymerization of Vinyl Monomers in Porous Organic Cages. Angewandte Chemie, 2016, 128, 6553-6557.	2.0	11
142	Glass Formation of a Coordination Polymer Crystal for Enhanced Proton Conductivity and Material Flexibility. Angewandte Chemie - International Edition, 2016, 55, 5195-5200.	13.8	113
143	Radical Polymerization of Vinyl Monomers in Porous Organic Cages. Angewandte Chemie - International Edition, 2016, 55, 6443-6447.	13.8	30
144	Photochemical Reduction of Low Concentrations of CO₂ in a Porous Coordination Polymer with a Ruthenium(II)â€“CO Complex. Angewandte Chemie, 2016, 128, 2747-2750.	2.0	43

#	Article	IF	Citations
145	Infrared spectroscopy of water molecules in porous coordination polymer. , 2016, , .		0
146	Fast Conduction of Organic Cations in Metal Sulfate Frameworks. Chemistry of Materials, 2016, 28, 3968-3975.	6.7	19
147	Photoactivatable CO release from engineered protein crystals to modulate NF-ÎºB activation. Chemical Communications, 2016, 52, 4545-4548.	4.1	28
148	Inorganic nanoparticles in porous coordination polymers. Chemical Society Reviews, 2016, 45, 3828-3845.	38.1	220
149	¹¹³Cd Nuclear Magnetic Resonance as a Probe of Structural Dynamics in a Flexible Porous Framework Showing Selective O₂/N₂ and CO₂/N₂ Adsorption. Inorganic Chemistry, 2016, 55, 4166-4172.	4.0	31
150	Crystal engineering of a family of hybrid ultramicroporous materials based upon interpenetration and dichromate linkers. Chemical Science, 2016, 7, 5470-5476.	7.4	66
151	Metalâ€“Organic Polyhedral Core as a Versatile Scaffold for Divergent and Convergent Star Polymer Synthesis. Journal of the American Chemical Society, 2016, 138, 6525-6531.	13.7	93
152	Crystal Dynamics in Multiâ€stimuliâ€Responsive Entangled Metalâ€“Organic Frameworks. Chemistry - A European Journal, 2016, 22, 15864-15873.	3.3	46
153	Recognition of 1,3â€Butadiene by a Porous Coordination Polymer. Angewandte Chemie, 2016, 128, 13988-13992.	2.0	4
154	Recognition of 1,3â€Butadiene by a Porous Coordination Polymer. Angewandte Chemie - International Edition, 2016, 55, 13784-13788.	13.8	55
155	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
156	Rhodiumâ€“Organic Cuboctahedra as Porous Solids with Strong Binding Sites. Inorganic Chemistry, 2016, 55, 10843-10846.	4.0	97
157	Regulation of NO Uptake in Flexible Ru Dimer Chain Compounds with Highly Electron Donating Dopants. Inorganic Chemistry, 2016, 55, 12085-12092.	4.0	10
158	Electron Paramagnetic Resonance Study of Guest Molecule-Influenced Magnetism in Kagome Metalâ€“Organic Framework. Journal of Physical Chemistry C, 2016, 120, 27462-27467.	3.1	9
159	Four-Electron Reduction of a New Ruthenium Dicarbonyl Complex Having Two NAD Model Ligands through Decarboxylation in Water. Inorganic Chemistry, 2016, 55, 11613-11616.	4.0	9
160	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
161	Superionic Conduction in Coâ€Vacant P2â€Na_{<i>x</i>}CoO₂ Created by Hydrogen Reductive Elimination. Chemistry - an Asian Journal, 2016, 11, 1537-1541.	3.3	3
162	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

#	Article	IF	Citations
163	Glass Formation of a Coordination Polymer Crystal for Enhanced Proton Conductivity and Material Flexibility. Angewandte Chemie, 2016, 128, 5281-5286.	2.0	22
164	Unraveling Interâ€•and Intrachain Electronics in Polythiophene Assemblies Mediated by Coordination Nanospaces. Angewandte Chemie - International Edition, 2016, 55, 708-713.	13.8	52
165	The controlled synthesis of polyglucose in one-dimensional coordination nanochannels. Chemical Communications, 2016, 52, 5156-5159.	4.1	32
166	Structuralization of Ca²⁺-Based Metalâ€“Organic Frameworks Prepared via Coordination Replication of Calcium Carbonate. Inorganic Chemistry, 2016, 55, 3700-3705.	4.0	39
167	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
168	Photochemical Properties and Reactivity of a Ru Compound Containing an NAD/NADH-Functionalized 1,10-Phenanthroline Ligand. Inorganic Chemistry, 2016, 55, 2076-2084.	4.0	26
169	Particle size effects in the kinetic trapping of a structurally-locked form of a flexible MOF. CrystEngComm, 2016, 18, 4172-4179.	2.6	28
170	Porous Materials and the Age of Gas. Angewandte Chemie - International Edition, 2015, 54, 10686-10687.	13.8	147
171	Design of a CO-releasing Extracellular Scaffold Using in Vivo Protein Crystals. Chemistry Letters, 2015, 44, 342-344.	1.3	21
172	High Removal Efficiency and Regeneration Property of Formaldehyde Capture by Ti4+-based Porous Coordination Polymer. Chemistry Letters, 2015, 44, 1694-1696.	1.3	1
173	Surface Functionalization of Protein Crystals with Carbohydrate Using Site-selective Bioconjugation. Chemistry Letters, 2015, 44, 29-31.	1.3	6
174	High CO₂/CH₄ Selectivity of a Flexible Copper(II) Porous Coordination Polymer under Humid Conditions. ChemPlusChem, 2015, 80, 1517-1524.	2.8	19
175	Formation of Foamâ€like Microstructural Carbon Material by Carbonization of Porous Coordination Polymers through a Ligandâ€Assisted Foaming Process. Chemistry - A European Journal, 2015, 21, 13278-13283.	3.3	14
176	Peptideâ€“Metal Organic Framework Swimmers that Direct the Motion toward Chemical Targets. Nano Letters, 2015, 15, 4019-4023.	9.1	73
177	Coordination nano-space as stage of hydrogen orthoâ€“para conversion. Royal Society Open Science, 2015, 2, 150006.	2.4	30
178	Protein Needles as Molecular Templates for Artificial Metalloenzymes. Israel Journal of Chemistry, 2015, 55, 40-50.	2.3	10
179	Porous coordination polymers with ubiquitous and biocompatible metals and a neutral bridging ligand. Nature Communications, 2015, 6, 5851.	12.8	92
180	Reversible Solid-to-Liquid Phase Transition of Coordination Polymer Crystals. Journal of the American Chemical Society, 2015, 137, 864-870.	13.7	178

#	Article	IF	Citations
181	Mechanically stable, hierarchically porous Cu₃(btc)₂ (HKUST-1) monoliths via direct conversion of copper(<scp>ii</scp>) hydroxide-based monoliths. Chemical Communications, 2015, 51, 3511-3514.	4.1	67
182	Remarkable Oxygen Intake/Release of BaYMn₂O_{5+Î´} Viewed from High-Temperature Crystal Structure. Journal of Physical Chemistry C, 2015, 119, 2356-2363.	3.1	17
183	Predesign and Systematic Synthesis of 11 Highly Porous Coordination Polymers with Unprecedented Topology. Inorganic Chemistry, 2015, 54, 1645-1649.	4.0	19
184	Mesoscopic superstructures of flexible porous coordination polymers synthesized <i>via</i> coordination replication. Chemical Science, 2015, 6, 5938-5946.	7.4	39
185	Radical Copolymerization Mediated by Unsaturated Metal Sites in Coordination Nanochannels. ACS Macro Letters, 2015, 4, 788-791.	4.8	24
186	Mixing of immiscible polymers using nanoporous coordination templates. Nature Communications, 2015, 6, 7473.	12.8	58
187	Two solvent-dependent porous coordination polymers with â€“OH decorated ligands: unusual non-crystallographic net and fsh topology. CrystEngComm, 2015, 17, 5609-5613.	2.6	16
188	Light-induced nitric oxide release from physiologically stable porous coordination polymers. Dalton Transactions, 2015, 44, 15324-15333.	3.3	30
189	<scp>l</scp>-Glutamic acid release from a series of aluminum-based isoreticular porous coordination polymers. Journal of Materials Chemistry B, 2015, 3, 4205-4212.	5.8	11
190	Control of pore distribution of porous carbons derived from Mg²⁺ porous coordination polymers. Inorganic Chemistry Frontiers, 2015, 2, 473-476.	6.0	21
191	Radical polymerization of 2,3-dimethyl-1,3-butadiene in coordination nanochannels. Chemical Communications, 2015, 51, 9892-9895.	4.1	24
192	Confinement of Single Polysilane Chains in Coordination Nanospaces. Journal of the American Chemical Society, 2015, 137, 5231-5238.	13.7	70
193	Control of Molecular Rotor Rotational Frequencies in Porous Coordination Polymers Using a Solid-Solution Approach. Journal of the American Chemical Society, 2015, 137, 12183-12186.	13.7	78
194	Molecular-Level Studies on Dynamic Behavior of Oligomeric Chain Molecules in Porous Coordination Polymers. Journal of Physical Chemistry C, 2015, 119, 21504-21514.	3.1	33
195	A metal carbonylâ€“protein needle composite designed for intracellular CO delivery to modulate NF-Î°B activity. Molecular BioSystems, 2015, 11, 3111-3118.	2.9	16
196	Hierarchical structuring of metalâ€“organic framework thin-films on quartz crystal microbalance (QCM) substrates for selective adsorption applications. Journal of Materials Chemistry A, 2015, 3, 23385-23394.	10.3	56
197	A Convenient Strategy for Designing a Soft Nanospace: An Atomic Exchange in a Ligand with Isostructural Frameworks. Journal of the American Chemical Society, 2015, 137, 15825-15832.	13.7	37
198	Preparation of a Cross-Linked Porous Protein Crystal Containing Ru Carbonyl Complexes as a CO-Releasing Extracellular Scaffold. Inorganic Chemistry, 2015, 54, 215-220.	4.0	72

#	Article	IF	Citations
199	Dependence of crystal size on the catalytic performance of a porous coordination polymer. Chemical Communications, 2015, 51, 2728-2730.	4.1	57
200	Sequential Synthesis of Coordination Polymersomes. Angewandte Chemie - International Edition, 2015, 54, 1139-1143.	13.8	13
201	Peptide Assemblyâ€Driven Metalâ€“Organic Framework (MOF) Motors for Micro Electric Generators. Advanced Materials, 2015, 27, 288-291.	21.0	60
202	Synthesis of chiral porous coordination polymer that shows structural transformation induced by guest molecules. Inorganica Chimica Acta, 2015, 424, 221-225.	2.4	3
203	Study on a 2D layer coordination framework showing order-to-disorder phase transition by ionothermal synthesis. Polymer Journal, 2015, 47, 141-145.	2.7	4
204	Reductive coordination replication of V2O5 sacrificial macrostructures into vanadium-based porous coordination polymers. CrystEngComm, 2015, 17, 323-330.	2.6	25
205	Metalâ€“Organic Frameworks (MOFs). Chemical Society Reviews, 2014, 43, 5415-5418.	38.1	2,973
206	Terahertz phase contrast imaging of sorption kinetics in porous coordination polymer nanocrystals using differential optical resonator. Optics Express, 2014, 22, 11061.	3.4	3
207	Porous Protein Crystals as Catalytic Vessels for Organometallic Complexes. Chemistry - an Asian Journal, 2014, 9, 1373-1378.	3.3	47
208	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
209	Template-directed proton conduction pathways in a coordination framework. Journal of Materials Chemistry A, 2014, 2, 10404-10409.	10.3	46
210	A Crystalline Porous Coordination Polymer Decorated with Nitroxyl Radicals Catalyzes Aerobic Oxidation of Alcohols. Journal of the American Chemical Society, 2014, 136, 7543-7546.	13.7	105
211	Highly proton conductive nanoporous coordination polymers with sulfonic acid groups on the pore surface. Chemical Communications, 2014, 50, 1144-1146.	4.1	126
212	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
213	Functional Hybrid Porous Coordination Polymers. Chemistry of Materials, 2014, 26, 310-322.	6.7	358
214	A porous coordination polymer with a reactive diiron paddlewheel unit. Chemical Communications, 2014, 50, 2292.	4.1	21
215	Self-Accelerating CO Sorption in a Soft Nanoporous Crystal. Science, 2014, 343, 167-170.	12.6	434
216	Preparations and structural diversity of copper(I) ethylene adducts with related 3,6-bis(2-pyridyl)-1,2,4,5-tetrazine ligands. Inorganica Chimica Acta, 2014, 410, 46-53.	2.4	18

#	Article	IF	Citations
217	Selective Generation of Formamides through Photocatalytic CO₂ Reduction Catalyzed by Ruthenium Carbonyl Compounds. Angewandte Chemie - International Edition, 2014, 53, 11813-11817.	13.8	59
218	Pressure-induced amorphization of a dense coordination polymer and its impact on proton conductivity. APL Materials, 2014, 2, .	5.1	19
219	Guest Modulation of Spinâ€Crossover Transition Temperature in a Porous Iron(II) Metalâ€“Organic Framework: Experimental and Periodic DFT Studies. Chemistry - A European Journal, 2014, 20, 12864-12873.	3.3	55
220	Plasma membrane translocation of a protein needle based on a triple-stranded Î²-helix motif. Molecular BioSystems, 2014, 10, 2677.	2.9	10
221	Controlled Cyclopolymerization of Difunctional Vinyl Monomers in Coordination Nanochannels. Macromolecules, 2014, 47, 7321-7326.	4.8	26
222	The densely fluorinated nanospace of a porous coordination polymer composed of perfluorobutyl-functionalized ligands. Chemical Communications, 2014, 50, 10861.	4.1	17
223	Does functionalisation enhance CO₂ uptake in interpenetrated MOFs? An examination of the IRMOF-9 series. Chemical Communications, 2014, 50, 3238-3241.	4.1	57
224	Amineâ€Responsive Adaptable Nanospaces: Fluorescent Porous Coordination Polymer for Molecular Recognition. Angewandte Chemie - International Edition, 2014, 53, 11772-11777.	13.8	184
225	Diffusion-Coupled Molecular Assembly: Structuring of Coordination Polymers Across Multiple Length Scales. Journal of the American Chemical Society, 2014, 136, 14966-14973.	13.7	50
226	Confined synthesis of CdSe quantum dots in the pores of metalâ€“organic frameworks. Journal of Materials Chemistry C, 2014, 2, 7173-7175.	5.5	36
227	Impact of crystal orientation on the adsorption kinetics of a porous coordination polymerâ€“quartz crystal microbalance hybrid sensor. Journal of Materials Chemistry C, 2014, 2, 3336.	5.5	38
228	Order-to-disorder structural transformation of a coordination polymer and its influence on proton conduction. Chemical Communications, 2014, 50, 10241-10243.	4.1	88
229	Enhanced Phosphorescence Emission by Incorporating Aromatic Halides into an Entangled Coordination Framework Based on Naphthalenediimide. ChemPhysChem, 2014, 15, 2517-2521.	2.1	20
230	Design of Superhydrophobic Porous Coordination Polymers through the Introduction of External Surface Corrugation by the Use of an Aromatic Hydrocarbon Building Unit. Angewandte Chemie - International Edition, 2014, 53, 8225-8230.	13.8	110
231	Structural Optimization of Interpenetrated Pillaredâ€Layer Coordination Polymers for Ethylene/Ethane Separation. Chemistry - an Asian Journal, 2014, 9, 1643-1647.	3.3	12
232	Structuring of metalâ€“organic frameworks at the mesoscopic/macroscopic scale. Chemical Society Reviews, 2014, 43, 5700-5734.	38.1	760
233	Trapping of a Spatial Transient State During the Framework Transformation of a Porous Coordination Polymer. Journal of the American Chemical Society, 2014, 136, 4938-4944.	13.7	24
234	Catalytic Glucose Isomerization by Porous Coordination Polymers with Open Metal Sites. Chemistry - an Asian Journal, 2014, 9, 2772-2777.	3.3	62

#	Article	IF	Citations
235	Synthesis and Porous Properties of Chromium Azolate Porous Coordination Polymers. Inorganic Chemistry, 2014, 53, 9870-9875.	4.0	23
236	Solâ€“gel synthesis of nanosized titanium oxide in a porous coordination polymer. Microporous and Mesoporous Materials, 2014, 195, 31-35.	4.4	8
237	Microporous structures having phenylene fin: Significance of substituent groups for rotational linkers in coordination polymers. Microporous and Mesoporous Materials, 2014, 189, 83-90.	4.4	8
238	DRIFT and Theoretical Studies of Ethylene/Ethane Separation on Flexible and Microporous [Cu₂(2,3â€pyrazinedicarboxylate)₂(pyrazine)]<i>_n</i>. European Journal of Inorganic Chemistry, 2014, 2014, 2747-2752.	2.0	28
239	A New Phase of Solid Oxygen. Physics Magazine, 2014, 7, .	0.1	0
240	Fibrous Architectures of Porous Coordination Polymersâ€“Alumina Composites Fabricated by Coordination Replication. Chemistry Letters, 2014, 43, 1052-1054.	1.3	15
241	Intracellular Protein Delivery System with Protein Needleâ€“GFP Construct. Chemistry Letters, 2014, 43, 1505-1507.	1.3	10
242	Fabrication of Ceria Nanoparticles Incorporated in Porous Coordination Polymer. Chemistry Letters, 2014, 43, 1749-1751.	1.3	7
243	Coordination Programming in the Design of Porous Coordination Polymers: Tuning of the Electronic Activity of Frameworks for Selective Nitrogen Monoxide Trapping. Chemistry Letters, 2014, 43, 890-892.	1.3	8
244	Decision making for market-based environmental cost allocation: the case of packaging waste policy in Germany. , 2014, , .		0
245	One-dimensional alignment of strong Lewis acid sites in a porous coordination polymer. Chemical Communications, 2013, 49, 10459.	4.1	39
246	Controlled Synthesis of Anisotropic Polymer Particles Templated by Porous Coordination Polymers. Chemistry of Materials, 2013, 25, 3772-3776.	6.7	56
247	In Situ Generation of Functionality in a Reactive Haloalkane-Based Ligand for the Design of New Porous Coordination Polymers. Inorganic Chemistry, 2013, 52, 10735-10737.	4.0	42
248	Combining UV Lithography and an Imprinting Technique for Patterning Metalâ€Organic Frameworks. Advanced Materials, 2013, 25, 4701-4705.	21.0	98
249	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
250	Terminology of metalâ€“organic frameworks and coordination polymers (IUPAC Recommendations) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.9	984
251	Fe2+-based layered porous coordination polymers and soft encapsulation of guests via redox activity. Journal of Materials Chemistry A, 2013, 1, 3675.	10.3	32
252	Guest responsivity of a two-dimensional coordination polymer incorporating a cholesterol-based co-ligand. Dalton Transactions, 2013, 42, 15893.	3.3	4

#	Article	IF	Citations
253	Siloxane D4 capture by hydrophobic microporous materials. Journal of Materials Chemistry A, 2013, 1, 7885.	10.3	28
254	CO₂superabsorption in a paddlewheel-type Ru dimer chain compound: gate-open performance dependent on inter-chain interactions. Chemical Communications, 2013, 49, 1594-1596.	4.1	27
255	Modulation of Spin-Crossover Behavior in an Elongated and Flexible Hofmann-Type Porous Coordination Polymer. Journal of Inorganic and Organometallic Polymers and Materials, 2013, 23, 104-110.	3.7	33
256	Shape-Memory Nanopores Induced in Coordination Frameworks by Crystal Downsizing. Science, 2013, 339, 193-196.	12.6	483
257	Highly Selective CO₂ Adsorption Accompanied with Low-Energy Regeneration in a Two-Dimensional Cu(II) Porous Coordination Polymer with Inorganic Fluorinated PF₆^{â€“} Anions. Inorganic Chemistry, 2013, 52, 280-285.	4.0	67
258	Inorganic Design of Protein Assemblies as Supramolecular Platforms. Journal of Inorganic and Organometallic Polymers and Materials, 2013, 23, 50-60.	3.7	2
259	Binary Janus Porous Coordination Polymer Coatings for Sensor Devices with Tunable Analyte Affinity. Angewandte Chemie - International Edition, 2013, 52, 341-345.	13.8	125
260	Coordination pillared layers using a dinuclear Mn(V) complex as a secondary building unit. Polyhedron, 2013, 52, 591-597.	2.2	16
261	Highly ordered alignment of a vinyl polymer by hostâ€“guest cross-polymerization. Nature Chemistry, 2013, 5, 335-341.	13.6	172
262	Highly symmetric 3D ferrimagnets, [Mn(dien)]3[M(CN)6]2Â·2H2O (M = Cr, Mn; dien = diethylenetriamine): Synthesis, structures and magnetic properties. Polyhedron, 2013, 64, 122-127.	2.2	3
263	pH-Dependent Interpenetrated, Polymorphic, Cd²⁺- and BTB-based Porous Coordination Polymers with Open Metal Sites. Crystal Growth and Design, 2013, 13, 981-985.	3.0	62
264	Synthesis, structures and adsorption properties of two new magnesium coordination polymers. Solid State Sciences, 2013, 16, 29-33.	3.2	6
265	Postsynthesis Modification of a Porous Coordination Polymer by LiCl To Enhance H⁺ Transport. Journal of the American Chemical Society, 2013, 135, 4612-4615.	13.7	75
266	Modulation of the Interlayer Structures and Magnetic Behavior of 2D Spinâ€Crossover Coordination Polymers [Fe^{II}(L)₂Pt^{II}(CN)₄]. European Journal of Inorganic Chemistry, 2013, 2013, 738-744.	2.0	40
267	Absorption of CO₂ and CS₂ into the Hofmann-Type Porous Coordination Polymer: Electrostatic versus Dispersion Interactions. Journal of the American Chemical Society, 2013, 135, 4840-4849.	13.7	72
268	Pore Design of Two-Dimensional Coordination Polymers toward Selective Adsorption. Inorganic Chemistry, 2013, 52, 3634-3642.	4.0	89
269	Soft 2D Layer Porous Coordination Polymers with 1,2-Di(4-pyridyl)ethane. Australian Journal of Chemistry, 2013, 66, 464.	0.9	3
270	Programmed crystallization via epitaxial growth and ligand replacement towards hybridizing porous coordination polymer crystals. Dalton Transactions, 2013, 42, 15868.	3.3	27

#	Article	IF	Citations
271	Tuning the Dimensionality of Inorganic Connectivity in Barium Coordination Polymers via Biphenyl Carboxylic Acid Ligands. Crystal Growth and Design, 2013, 13, 2965-2972.	3.0	46
272	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
273	Structural diversity among copper(i) ethylene adducts of 3,6-bis(2-pyridyl)-1,2,4,5-tetrazine. Dalton Transactions, 2013, 42, 4258.	3.3	25
274	Ion Conductivity and Transport by Porous Coordination Polymers and Metalâ€“Organic Frameworks. Accounts of Chemical Research, 2013, 46, 2376-2384.	15.6	728
275	A Family of Rare Earth Porous Coordination Polymers with Different Flexibility for CO₂/C₂H₄ and CO₂/C₂H₆ Separation. Inorganic Chemistry, 2013, 52, 8244-8249.	4.0	67
276	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
277	Selective NO Trapping in the Pores of Chain-Type Complex Assemblies Based on Electronically Activated Paddlewheel-Type [Ru₂^{II,II}]/[Rh₂^{II,II}] Dimers. Journal of the American Chemical Society, 2013, 135, 18469-18480.	13.7	47
278	Impact of Molecular Clustering inside Nanopores on Desorption Processes. Journal of the American Chemical Society, 2013, 135, 4608-4611.	13.7	28
279	Reversible Chemisorption of Sulfur Dioxide in a Spin Crossover Porous Coordination Polymer. Inorganic Chemistry, 2013, 52, 12777-12783.	4.0	72
280	Hostâ€“Guest Metalâ€“Organic Frameworks for Photonics. Structure and Bonding, 2013, , 167-186.	1.0	6
281	Spin-Dependent Molecular Orientation of O2â€“O2Dimer Formed in the Nanoporous Coordination Polymer. Journal of the Physical Society of Japan, 2013, 82, 084703.	1.6	10
282	Localized cell stimulation by nitric oxide using a photoactive porous coordination polymer platform. Nature Communications, 2013, 4, 2684.	12.8	122
283	Control over Flexibility of Entangled Porous Coordination Frameworks by Molecular and Mesoscopic Chemistries. Chemistry Letters, 2013, 42, 570-576.	1.3	48
284	Controlled Encapsulation of Photoresponsive Macromolecules in Porous Coordination Polymer. Chemistry Letters, 2013, 42, 222-223.	1.3	14
285	Modulation of the Interlayer Structures and Magnetic Behavior of 2D Spinâ€Crossover Coordination Polymers [Fe^{II}(L)₂Pt^{II}(CN)₄] (Eur. J. Inorg. Chem.) Tj ETQq1 1 0.784314 rg BT /Overl	2.7	[illegible]
286	Formation of Nanocrystals of a Zinc Pillared-layer Porous Coordination Polymer Using Microwave-assisted Coordination Modulation. Chemistry Letters, 2012, 41, 1436-1438.	1.3	13
287	Synthesis and Adsorption Properties of Azulene-containing Porous Interdigitated Framework. Chemistry Letters, 2012, 41, 425-426.	1.3	9
288	Study of Argon Gas Adsorption in Ordered Mesoporous MFI Zeolite Framework. Journal of Physical Chemistry C, 2012, 116, 25300-25308.	3.1	19

#	Article	IF	Citations
289	Autonomous motors of a metalâ€“organic framework powered by reorganization ofÂself-assembled peptides at interfaces. Nature Materials, 2012, 11, 1081-1085.	27.5	200
290	Behavior of Binary Guests in a Porous Coordination Polymer. Chemistry of Materials, 2012, 24, 4744-4749.	6.7	32
291	Charge Transfer and Exciplex Emissions from a Naphthalenediimide-Entangled Coordination Framework Accommodating Various Aromatic Guests. Journal of Physical Chemistry C, 2012, 116, 26084-26090.	3.1	60
292	Semi-synthesis of an artificial scandium(iii) enzyme with a Î²-helical bio-nanotube. Dalton Transactions, 2012, 41, 11424.	3.3	26
293	Reversible solid-state hydration and dehydration process involving anion transfer in a self-assembled Cu2 system. RSC Advances, 2012, 2, 12169.	3.6	7
294	Topological Difference in 2D Layers Steers the Formation of Rigid and Flexible 3D Supramolecular Isomers: Impact on the Adsorption Properties. Inorganic Chemistry, 2012, 51, 9141-9143.	4.0	41
295	Enhanced bistability by guest inclusion in Fe(ii) spin crossover porous coordination polymers. Chemical Communications, 2012, 48, 4686.	4.1	107
296	Systematic mechanochemical preparation of a series of coordination pillared layer frameworks. Dalton Transactions, 2012, 41, 3956.	3.3	75
297	Photochemical cycloaddition on the pore surface of a porous coordination polymer impacts the sorption behavior. Chemical Communications, 2012, 48, 7919.	4.1	72
298	Structural controls of 2D sheet copper(i) ethylene and carbonyl coordination polymers directed by anions and solvents. CrystEngComm, 2012, 14, 5955.	2.6	12
299	A Switchable Molecular Rotator: Neutron Spectroscopy Study on a Polymeric Spin-Crossover Compound. Journal of the American Chemical Society, 2012, 134, 5083-5089.	13.7	118
300	Dense Coordination Network Capable of Selective CO₂ Capture from C1 and C2 Hydrocarbons. Journal of the American Chemical Society, 2012, 134, 9852-9855.	13.7	82
301	Investigation of post-grafted groups of a porous coordination polymer and its proton conduction behavior. Dalton Transactions, 2012, 41, 13261.	3.3	29
302	Inclusion and dielectric properties of a vinylidene fluoride oligomer in coordination nanochannels. Dalton Transactions, 2012, 41, 4195.	3.3	16
303	A Soft Copper(II) Porous Coordination Polymer with Unprecedented Aqua Bridge and Selective Adsorption Properties. Chemistry - A European Journal, 2012, 18, 13117-13125.	3.3	69
304	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
305	Inherent Proton Conduction in a 2D Coordination Framework. Journal of the American Chemical Society, 2012, 134, 12780-12785.	13.7	261
306	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

#	Article	IF	Citations
307	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
308	Redox reaction in two-dimensional porous coordination polymers based on ferrocenedicarboxylates. Dalton Transactions, 2012, 41, 3924.	3.3	49
309	Framework dimensionality of copper(i) coordination polymers of 4,4â€²-bipyrimidine controlled by anions and solvents. CrystEngComm, 2012, 14, 1345-1353.	2.6	25
310	Coordination-Network-Based Ionic Plastic Crystal for Anhydrous Proton Conductivity. Journal of the American Chemical Society, 2012, 134, 7612-7615.	13.7	237
311	Porous Protein Crystals as Reaction Vessels for Controlling Magnetic Properties of Nanoparticles. Small, 2012, 8, 1314-1319.	10.0	50
312	Crystal morphology-directed framework orientation in porous coordination polymer films and freestanding membranes via Langmuirâ€"Blodgettry. Journal of Materials Chemistry, 2012, 22, 10159.	6.7	74
313	Coordination polymers, metalâ€"organic frameworks and the need for terminology guidelines. CrystEngComm, 2012, 14, 3001.	2.6	464
314	Selective CO2 uptake and inverse CO2/C2H2 selectivity in a dynamic bifunctional metalâ€"organic framework. Chemical Science, 2012, 3, 2993.	7.4	117
315	Highly rigid and stable porous Cu(i) metalâ€"organic framework with reversible single-crystal-to-single-crystal structural transformation. CrystEngComm, 2012, 14, 4153.	2.6	16
316	Highly Photoconducting Ï€-Stacked Polymer Accommodated in Coordination Nanochannels. Journal of the American Chemical Society, 2012, 134, 8360-8363.	13.7	97
317	Targeted functionalisation of a hierarchically-structured porous coordination polymer crystal enhances its entire function. Chemical Communications, 2012, 48, 6472.	4.1	48
318	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
319	Modular Design of Domain Assembly in Porous Coordination Polymer Crystals via Reactivity-Directed Crystallization Process. Journal of the American Chemical Society, 2012, 134, 13341-13347.	13.7	105
320	An Alkaline Earth I³O⁰ Porous Coordination Polymer: [Ba₂TMA(NO₃)(DMF)]. Angewandte Chemie - International Edition, 2012, 51, 6107-6111.	13.8	87
321	Design of Flexible Lewis Acidic Sites in Porous Coordination Polymers by using the Viologen Moiety. Angewandte Chemie - International Edition, 2012, 51, 8369-8372.	13.8	74
322	A Standâ€Alone Mesoporous Crystal Structure Model from in situ Xâ€ray Diffraction: Nitrogen Adsorption on 3â€‰D Cagelike Mesoporous Silica SBAâ€16. Chemistry - A European Journal, 2012, 18, 10300-10311.	3.3	20
323	Sequestering Aromatic Molecules with a Spinâ€Crossover Fe^{II} Microporous Coordination Polymer. Chemistry - A European Journal, 2012, 18, 8013-8018.	3.3	74
324	Mesoscopic architectures of porous coordination polymers fabricated by pseudomorphic replication. Nature Materials, 2012, 11, 717-723.	27.5	352

#	Article	IF	Citations
325	Water adsorptionâ€"desorption property of stable porous supramolecular assembly composed of discrete tetranuclear iron(III) complex using Ï€â‹¯Ï€ interactions. Inorganica Chimica Acta, 2012, 386, 122-128.	2.4	5
326	Effect of functional groups in MIL-101 on water sorption behavior. Microporous and Mesoporous Materials, 2012, 157, 89-93.	4.4	271
327	Synthesis of Prussian Blue Nanoparticles with a Hollow Interior by Controlled Chemical Etching. Angewandte Chemie - International Edition, 2012, 51, 984-988.	13.8	424
328	Differences of crystal structure and dynamics between a soft porous nanocrystal and a bulk crystal. Chemical Communications, 2011, 47, 7632.	4.1	60
329	Dual modification of a triple-stranded Î²-helix nanotube with Ru and Re metal complexes to promote photocatalytic reduction of CO2. Chemical Communications, 2011, 47, 2074.	4.1	37
330	A pillared-bilayer porous coordination polymer with a 1D channel and a 2D interlayer space, showing unique gas and vapor sorption. Chemical Communications, 2011, 47, 8106.	4.1	96
331	Thermodynamically controlled coordination-engineering of novel 2D cadmium thiolate coordination polymers. New Journal of Chemistry, 2011, 35, 1265.	2.8	7
332	Inclusion and dynamics of a polymerâ€"Li salt complex in coordination nanochannels. Chemical Communications, 2011, 47, 1722.	4.1	47
333	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
334	Direct synthesis of nanoporous carbon nitride fibers using Al-based porous coordination polymers (Al-PCPs). Chemical Communications, 2011, 47, 8124.	4.1	140
335	Chromic Behaviors of Hexagonal Columnar Liquid Crystalline Platinum Complexes with Catecholato, 2-Thiophenolato, and Benzenedithiolato. Inorganic Chemistry, 2011, 50, 4279-4288.	4.0	31
336	Liquid Phase Separation of Polyaromatics on [Cu2(BDC)2(dabco)]. Langmuir, 2011, 27, 9083-9087.	3.5	19
337	Control of the charge-transfer interaction between a flexible porous coordination host and aromatic guests by framework isomerism. CrystEngComm, 2011, 13, 3360.	2.6	46
338	Gas detection by structural variations of fluorescent guest molecules in a flexible porous coordination polymer. Nature Materials, 2011, 10, 787-793.	27.5	395
339	Design of Porous Coordination Polymers/Metal-Organic Frameworks: Past, Present and Future. , 2011, , 1-21.		6
340	Effects of Unsaturated Metal Sites on Radical Vinyl Polymerization in Coordination Nanochannels. Macromolecules, 2011, 44, 2693-2697.	4.8	40
341	Morphology Design of Porous Coordination Polymer Crystals by Coordination Modulation. Journal of the American Chemical Society, 2011, 133, 15506-15513.	13.7	383
342	Incorporation of organometallic Ru complexes into apo-ferritin cage. Dalton Transactions, 2011, 40, 2190-2195.	3.3	59

#	Article	IF	Citations
343	Definite coordination arrangement of organometallic palladium complexes accumulated on the designed interior surface of apo-ferritin. Chemical Communications, 2011, 47, 170-172.	4.1	34
344	Porous Coordination Polymer Hybrid Device with Quartz Oscillator: Effect of Crystal Size on Sorption Kinetics. Journal of the American Chemical Society, 2011, 133, 11932-11935.	13.7	98
345	Impact of Metal-Ion Dependence on the Porous and Electronic Properties of TCNQ-Dianion-Based Porous Coordination Polymers. Inorganic Chemistry, 2011, 50, 172-177.	4.0	52
346	Recent progress in hybrid materials science. Chemical Society Reviews, 2011, 40, 471.	38.1	187
347	Molecular decoding using luminescence from an entangled porous framework. Nature Communications, 2011, 2, 168.	12.8	715
348	End-functionalization of a vinylidene fluoride oligomer in coordination nanochannels. Journal of Materials Chemistry, 2011, 21, 8021.	6.7	9
349	Synthesis and Characterization of a 1-D Porous Barium Carboxylate Coordination Polymer, [Ba(HBTB)] (H₃BTB = Benzene-1,3,5-trisbenzoic Acid). Inorganic Chemistry, 2011, 50, 11853-11855.	4.0	41
350	Incarceration of Nanosized Silica into Porous Coordination Polymers: Preparation, Characterization, and Adsorption Property. Chemistry of Materials, 2011, 23, 1736-1741.	6.7	28
351	Preparation of Porous Cobalt(II) 1,3,5-Benzenetricarboxylates: Product Dependence on the Reaction Solvent and Additive. Chemistry Letters, 2011, 40, 656-657.	1.3	5
352	Theoretical study on high-spin to low-spin transition of {Fe(pyrazine)[Pt(CN)4]}: Guest-induced entropy decrease. Chemical Physics Letters, 2011, 511, 399-404.	2.6	24
353	Soft porous crystal meets TCNQ: charge transfer-type porous coordination polymers. Journal of Materials Chemistry, 2011, 21, 5537.	6.7	54
354	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
355	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
356	Cellulose Hydrolysis by a New Porous Coordination Polymer Decorated with Sulfonic Acid Functional Groups. Advanced Materials, 2011, 23, 3294-3297.	21.0	299
357	Postâ€Crystal Engineering of Zincâ€Substituted Myoglobin to Construct a Longâ€Lived Photoinduced Chargeâ€Separation System. Angewandte Chemie - International Edition, 2011, 50, 4849-4852.	13.8	58
358	Sequential Functionalization of Porous Coordination Polymer Crystals. Angewandte Chemie - International Edition, 2011, 50, 8057-8061.	13.8	175
359	Confinement of Mobile Histamine in Coordination Nanochannels for Fast Proton Transfer. Angewandte Chemie - International Edition, 2011, 50, 11706-11709.	13.8	245
360	Relationship between Channel and Sorption Properties in Coordination Polymers with Interdigitated Structures. Chemistry - A European Journal, 2011, 17, 5138-5144.	3.3	76

#	Article	IF	Citations
361	The RIKEN Materials Science Beamline at SPring-8: Towards Visualization of Electrostatic Interaction. AIP Conference Proceedings, 2010, , .	0.4	75
362	Guest-induced Single-crystal-to-single-crystal Transformation in Copper Complexes of 1,3,5-Benzenetricarboxylic Acid and 4,4â€²-Bipyridine. Chemistry Letters, 2010, 39, 1186-1187.	1.3	2
363	Highly Porous and Stable Coordination Polymers as Water Sorption Materials. Chemistry Letters, 2010, 39, 360-361.	1.3	115
364	Systematic Construction of Porous Coordination Pillared-layer Structures and Their Sorption Properties. Chemistry Letters, 2010, 39, 218-219.	1.3	43
365	Magnetic properties of nitric oxide molecules physisorbed into nano-sized pores of MCM-41. Microporous and Mesoporous Materials, 2010, 132, 464-469.	4.4	8
366	Magnetic Properties and the Arrangement of Molecular Oxygen Adsorbed in the Microporous Coordination Polymer Cd(bpndc)(bpy). Journal of Low Temperature Physics, 2010, 159, 122-125.	1.4	1
367	Solid Solutions of Soft Porous Coordination Polymers: Fineâ€Tuning of Gas Adsorption Properties. Angewandte Chemie - International Edition, 2010, 49, 4820-4824.	13.8	291
368	Coordinatively Immobilized Monolayers on Porous Coordination Polymer Crystals. Angewandte Chemie - International Edition, 2010, 49, 5327-5330.	13.8	133
369	Control of Interpenetration for Tuning Structural Flexibility Influences Sorption Properties. Angewandte Chemie - International Edition, 2010, 49, 7660-7664.	13.8	184
370	Cover Picture: Solid Solutions of Soft Porous Coordination Polymers: Fine-Tuning of Gas Adsorption Properties (Angew. Chem. Int. Ed. 28/2010). Angewandte Chemie - International Edition, 2010, 49, 4687-4687.	13.8	2
371	Incommensurate guest adsorption in bellows-shaped one-dimensional channels of porous coordination polymers. Microporous and Mesoporous Materials, 2010, 129, 296-303.	4.4	24
372	Construction of Robust Bioâ€nanotubes using the Controlled Selfâ€Assembly of Component Proteins of Bacteriophage T4. Small, 2010, 6, 1873-1879.	10.0	41
373	Rapid preparation of flexible porous coordination polymer nanocrystals with accelerated guest adsorption kinetics. Nature Chemistry, 2010, 2, 410-416.	13.6	324
374	Selective sorption of oxygen and nitric oxide by an electron-donating flexible porous coordination polymer. Nature Chemistry, 2010, 2, 633-637.	13.6	306
375	Photoactivation of a nanoporous crystal for on-demand guest trapping and conversion. Nature Materials, 2010, 9, 661-666.	27.5	183
376	Unveiling thermal transitions of polymers in subnanometre pores. Nature Communications, 2010, 1, 83.	12.8	210
377	One-dimensional imidazole aggregate in aluminium porous coordination polymers with high proton conductivity. , 2010, , 232-237.		5
378	Chemistry of Porous Coordination Polymers Having Multimodal Nanospace and Their Multimodal Functionality. Journal of Nanoscience and Nanotechnology, 2010, 10, 3-20.	0.9	26

#	Article	IF	Citations
379	Control over the nucleation process determines the framework topology of porous coordination polymers. CrystEngComm, 2010, 12, 2350.	2.6	55
380	Guest-responsive porous magnetic frameworks using polycyanometallates. CrystEngComm, 2010, 12, 159-165.	2.6	48
381	Periodic molecular boxes in entangled enantiomorphic lcy nets. Chemical Communications, 2010, 46, 4142.	4.1	26
382	Enhanced selectivity of CO2 from a ternary gas mixture in an interdigitated porous framework. Chemical Communications, 2010, 46, 4258.	4.1	106
383	Flexibility of Porous Coordination Polymers Strongly Linked to Selective Sorption Mechanism. Chemistry of Materials, 2010, 22, 4129-4131.	6.7	40
384	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
385	Controlled Multiscale Synthesis of Porous Coordination Polymer in Nano/Micro Regimes. Chemistry of Materials, 2010, 22, 4531-4538.	6.7	459
386	Mechanism of Accumulation and Incorporation of Organometallic Pd Complexes into the Protein Nanocage of apo-Ferritin. Inorganic Chemistry, 2010, 49, 6967-6973.	4.0	43
387	Temperature responsive channel uniformity impacts on highly guest-selective adsorption in a porous coordination polymer. Chemical Science, 2010, 1, 315.	7.4	93
388	Functionalization of Coordination Nanochannels for Controlling Tacticity in Radical Vinyl Polymerization. Journal of the American Chemical Society, 2010, 132, 4917-4924.	13.7	108
389	Modification of flexible part in Cu2+ interdigitated framework for CH4/CO2 separation. Chemical Communications, 2010, 46, 9229.	4.1	86
390	Modulable cooperativity in a valence tautomeric complex functionalized with branched alkyl chains. Chemical Communications, 2010, 46, 3729.	4.1	16
391	Hindered Rotation of Methane Molecules in the One-Dimensional Nanochannel of a Porous Coordination Polymer. Journal of Nanoscience and Nanotechnology, 2009, 9, 69-76.	0.9	4
392	Controlled Polymerization by Incarceration of Monomers in Nanochannels. Topics in Current Chemistry, 2009, 293, 155-173.	4.0	12
393	A Porous Coordination Polymer with Accessible Metal Sites and its Complementary Coordination Action. Chemistry - A European Journal, 2009, 15, 4985-4989.	3.3	53
394	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
395	Bidirectional Chemoâ€Switching of Spin State in a Microporous Framework. Angewandte Chemie - International Edition, 2009, 48, 4767-4771.	13.8	474
396	Nanoporous Nanorods Fabricated by Coordination Modulation and Oriented Attachment Growth. Angewandte Chemie - International Edition, 2009, 48, 4739-4743.	13.8	611

#	Article	IF	Citations
397	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
398	Allosteric binding of amino alcohols and diamines by dimeric zinc biladienone. Tetrahedron Letters, 2009, 50, 536-539.	1.4	8
399	Soft porous crystals. Nature Chemistry, 2009, 1, 695-704.	13.6	2,099
400	One-dimensional imidazole aggregate in aluminium porous coordination polymers with high protonÂconductivity. Nature Materials, 2009, 8, 831-836.	27.5	709
401	Muon spin relaxation studies of critical fluctuations and diffusive spin dynamics in molecular magnets. Physica B: Condensed Matter, 2009, 404, 585-589.	2.7	12
402	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
403	Control of Structure Dimensionality and Functional Studies of Flexible Cu^{II} Coordination Polymers. Chemistry - an Asian Journal, 2009, 4, 870-875.	3.3	36
404	Polymerization reactions in porous coordination polymers. Chemical Society Reviews, 2009, 38, 1228.	38.1	611
405	New Heterometallic Carboxylate Frameworks: Synthesis, Structure, Robustness, Flexibility, and Porosity. Inorganic Chemistry, 2009, 48, 7970-7976.	4.0	28
406	Polymorph-Dependent Molecular Valence Tautomerism Synchronized with Crystal-Melt Phase Transitions. Chemistry of Materials, 2009, 21, 1980-1988.	6.7	27
407	Template Synthesis of Porous Polypyrrole in 3D Coordination Nanochannels. Chemistry of Materials, 2009, 21, 4096-4098.	6.7	91
408	Porous Coordination Polymer with Pyridinium Cationic Surface, [Zn₂(tpa)₂(cpb)]. Journal of the American Chemical Society, 2009, 131, 10336-10337.	13.7	112
409	New Interpenetrated Copper Coordination Polymer Frameworks having Porous Properties. Chemistry of Materials, 2009, 21, 5860-5866.	6.7	92
410	Charge-Polarized Coordination Space for H₂ Adsorption. Chemistry of Materials, 2009, 21, 1829-1833.	6.7	9
411	Selective Gas Adsorption in One-Dimensional, Flexible Cu^{II} Coordination Polymers with Polar Units. Chemistry of Materials, 2009, 21, 3346-3355.	6.7	69
412	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
413	Porous Coordination Polymers Towards Gas Technology. Structure and Bonding, 2009, , 96-106.	1.0	0
414	A block PCP crystal: anisotropic hybridization of porous coordination polymers by face-selective epitaxial growth. Chemical Communications, 2009, , 5097.	4.1	147

#	Article	IF	Citations
415	Bimodal three-membered valence tautomerism of an alkyl chain-functionalized manganese dioxolene complex. Chemical Communications, 2009, , 4085.	4.1	13
416	A unique chair-shaped hexanuclear Cu(I) metallamacrocyclic C2H4adduct encapsulating a BF4â^'anion. Dalton Transactions, 2009, , 415-417.	3.3	29
417	Heat Capacity of a Layered Molecule-Based Ferrimagnet [Mn^{II}(<i>S</i>-pnH)(H₂O)][Mn^{III}(CN)₆]Â·2H₂O. Journal of the Physical Society of Japan, 2009, 78, 065001.	1.6	0
418	Porous Coordination Polymers Towards Gas Technology. Structure and Bonding, 2009, , 51-86.	1.0	15
419	Interpenetrated Threeâ€Dimensional Mn^{II}M^{III} Ferrimagnets, [Mn(4dmap)₄]₃[M(CN)₆]₂â‹…10â€‰H₂O (M=Cr,) Tj ETQq1 1 0.784 European Journal, 2008, 14, 3481-3489.	3.3	40
420	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
421	Zippedâ€Up Chainâ€Type Coordination Polymers: Unsymmetrical Amideâ€Containing Ligands Inducing Î²â€Sheet or Helical Structures. Chemistry - A European Journal, 2008, 14, 9565-9576.	3.3	44
422	Kinetic Gateâ€Opening Process in a Flexible Porous Coordination Polymer. Angewandte Chemie - International Edition, 2008, 47, 3914-3918.	13.8	288
423	A Dynamic, Isocyanurateâ€Functionalized Porous Coordination Polymer. Angewandte Chemie - International Edition, 2008, 47, 3403-3406.	13.8	154
424	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
425	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
426	Ambipolar, Singleâ€Component, Metalâ€"Organic Thinâ€Film Transistors with High and Balanced Hole and Electron Mobilities. Advanced Materials, 2008, 20, 3399-3403.	21.0	33
427	Dynamic torsional motion of a diruthenium complex with four homo-catecholates and first synthesis of a diruthenium complex with mixed-catecholates. Journal of Molecular Structure, 2008, 890, 303-308.	3.6	2
428	Storage and Sorption Properties of Acetylene in Jungleâ€Gymâ€Like Open Frameworks. Chemistry - an Asian Journal, 2008, 3, 1343-1349.	3.3	82
429	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
430	Binding Properties of Solvatochromic Indicators [Cu(X)(acac)(tmen)] (X =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 152 Td (PF<sub>6</su Chemistry, 2008, 47, 7360-7365.	4.0	33
431	Chemistry and application of flexible porous coordination polymers. Science and Technology of Advanced Materials, 2008, 9, 014108.	6.1	187
432	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

#	Article	IF	Citations
433	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
434	Two- and Three-fold Interpenetrated Metal-Organic Frameworks from One-Pot Crystallization. Inorganic Chemistry, 2008, 47, 7728-7733.	4.0	77
435	Solâ˘Gel Synthesis of Low-Dimensional Silica within Coordination Nanochannels. Journal of the American Chemical Society, 2008, 130, 9216-9217.	13.7	44
436	Pressure Response of Three-Dimensional Cyanide-Bridged Bimetallic Magnets. Journal of the American Chemical Society, 2008, 130, 4475-4484.	13.7	88
437	Template Effects in Porous Coordination Polymers. Chemistry of Materials, 2008, 20, 922-931.	6.7	183
438	Coordination pillared-layer type compounds having pore surface functionalization by anionic sulfonate groups. Chemical Communications, 2008, , 471-473.	4.1	94
439	Molecule-Based Valence Tautomeric Bistability Synchronized with a Macroscopic Crystal-Melt Phase Transition. Journal of the American Chemical Society, 2008, 130, 5515-5522.	13.7	78
440	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
441	KagomÃ© type extra-large microporous solid based on a paddle-wheel Cu2+ dimer. Chemical Communications, 2008, , 4436.	4.1	35
442	Solvent as structure directing agent for the synthesis of novel coordination frameworks using a tripodal flexible ligand. CrystEngComm, 2008, 10, 1739.	2.6	68
443	Magnetic Excitation in Artificially Designed Oxygen Molecule Magnet. Journal of the Physical Society of Japan, 2008, 77, 083703.	1.6	9
444	Radical Copolymerizations of Vinyl Monomers in a Porous Coordination Polymer. Chemistry Letters, 2008, 37, 616-617.	1.3	28
445	A Homometallic Ferrimagnet Based on Mixed Antiferromagnetic and Ferromagnetic Interactions through Oxamato and Carboxylato Bridges. Chemistry Letters, 2008, 37, 64-65.	1.3	6
446	Studies on Synthesis and Properties of Porous Coordination Polymers. Bulletin of Japan Society of Coordination Chemistry, 2008, 51, 13-19.	0.2	4
447	Captured Molecules in Coordination Frameworks. MRS Bulletin, 2007, 32, 540-543.	3.5	14
448	Spatial and Surface Design of Porous Coordination Polymers. Supramolecular Chemistry, 2007, 19, 75-78.	1.2	29
449	Chemistry and application of porous coordination polymers. Studies in Surface Science and Catalysis, 2007, , 1983-1990.	1.5	15
450	Three-dimensional Ferromagnetic Frameworks of Synâ€“Anti-type Carboxylate-bridged NiII and CoII Coordination Polymers. Chemistry Letters, 2007, 36, 1184-1185.	1.3	8

#	Article	IF	Citations
451	A Flexible Coordination Polymer Crystal Providing Reversible Structural and Magnetic Conversions. Journal of the American Chemical Society, 2007, 129, 13706-13712.	13.7	208
452	Chiral Cyanide-Bridged MnIIMnIIIFerrimagnets, [MnII(HL)(H2O)][MnIII(CN)6]Â·2H2O (L =S-) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td Chemical Society, 2007, 129, 248-249.	13.7	145
453	Anthracene array-type porous coordination polymer with hostâ€"guest charge transfer interactions in excited states. Chemical Communications, 2007, , 3142.	4.1	150
454	Series of Trinuclear NiIILnIIINiII Complexes Derived from 2,6-Di(acetoacetyl)pyridine:â€‰ Synthesis, Structure, and Magnetism. Inorganic Chemistry, 2007, 46, 3492-3501.	4.0	99
455	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
456	A redox-active columnar metallomesogen and its cyclic voltammetric responses. Journal of Materials Chemistry, 2007, 17, 4136.	6.7	43
457	Bowlâ€"shaped Cu(i) metallamacrocyclic ethylene and carbonyl adducts as structural analogues of organic calixarenes. Chemical Communications, 2007, , 5179.	4.1	43
458	Selective guest sorption in an interdigitated porous framework with hydrophobic pore surfaces. Chemical Communications, 2007, , 3395.	4.1	179
459	A Dynamic Microporous Metalâ€"Organic Framework with BCT Zeolite Topology: Construction, Structure, and Adsorption Behavior. Crystal Growth and Design, 2007, 7, 2286-2289.	3.0	54
460	Chemistry of porous coordination polymers. Pure and Applied Chemistry, 2007, 79, 2155-2177.	1.9	135
461	Guest-Specific Function of a Flexible Undulating Channel in a 7,7,8,8-Tetracyano-<i>p</i>-quinodimethane Dimer-Based Porous Coordination Polymer. Journal of the American Chemical Society, 2007, 129, 10990-10991.	13.7	170
462	A Flexible Porous Coordination Polymer Functionalized by Unsaturated Metal Clusters. Angewandte Chemie - International Edition, 2007, 46, 889-892.	13.8	161
463	Topotactic Linear Radical Polymerization of Divinylbenzenes in Porous Coordination Polymers. Angewandte Chemie - International Edition, 2007, 46, 4987-4990.	13.8	124
464	Reversible Topochemical Transformation of a Soft Crystal of a Coordination Polymer. Angewandte Chemie - International Edition, 2007, 46, 7965-7968.	13.8	202
465	A unique 2-D hollow sheet structure and magnetic behavior of a cyanide- and triamine-bridged MnIICrIII ferrimagnet. Polyhedron, 2007, 26, 2252-2258.	2.2	3
466	A flexible interpenetrating coordination framework with a bimodal porous functionality. Nature Materials, 2007, 6, 142-148.	27.5	734
467	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
468	Chemistry of coordination space of porous coordination polymers. Coordination Chemistry Reviews, 2007, 251, 2490-2509.	18.8	880

#	Article	IF	Citations
469	Observation of gas molecules adsorbed in the nanochannels of porous coordination polymers by the in situ synchrotron powder diffraction experiment and the MEM/Rietveld charge density analysis. Coordination Chemistry Reviews, 2007, 251, 2510-2521.	18.8	71
470	Effect of Organic Polymer Additive on Crystallization of Porous Coordination Polymer. Chemistry of Materials, 2006, 18, 992-995.	6.7	83
471	Functionalities of One-Dimensional Dynamic Ultramicropores in Nickel(II) Coordination Polymers. Inorganic Chemistry, 2006, 45, 8990-8997.	4.0	26
472	Pore surface engineering of microporous coordination polymers. Chemical Communications, 2006, , 701-707.	4.1	423
473	Polytypic phase transition in alkyl chain-functionalized valence tautomeric complexes. Dalton Transactions, 2006, , 1377.	3.3	19
474	Sandwich-shaped silver(i) metallomacrocycles encapsulating a XF62? (X = Si, Ge and Sn) anion. Chemical Communications, 2006, , 2161.	4.1	26
475	Flexible and Shape-Selective Guest Binding at CuII Axial Sites in 1-Dimensional CuIIâˆ'1,2-Bis(4-pyridyl)ethane Coordination Polymers. Inorganic Chemistry, 2006, 45, 9290-9300.	4.0	41
476	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
477	A Three-Dimensional Ferromagnet, [Ni(dipn)]3[Cr(CN)6]2Â·3H2O (dipn = dipropylene triamine), Based on a Cubic Cr8Ni12 Unit. Inorganic Chemistry, 2006, 45, 7191-7196.	4.0	18
478	Hydrogen-Bonded Porous Coordination Polymers:Â Structural Transformation, Sorption Properties, and Particle Size from Kinetic Studies. Journal of the American Chemical Society, 2006, 128, 16122-16130.	13.7	104
479	Polynuclear Core-Based Nickel 1,4-Cyclohexanedicarboxylate Coordination Polymers as Temperature-Dependent Hydrothermal Reaction Products. Crystal Growth and Design, 2006, 6, 664-668.	3.0	75
480	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
481	Structural and Spectroscopic Characterization of a Dirutheniumo-Dioxolene Complex Possessing a Singly Occupied Molecular Orbital Delocalized over the Entire Molecule, [Ru2(3,6-DTBDiox)4]-. Inorganic Chemistry, 2006, 45, 3990-3997.	4.0	7
482	Chemical Reaction-Inspired Crystal Growth of a Coordination Polymer toward Morphology Design and Control. Journal of the American Chemical Society, 2006, 128, 15799-15808.	13.7	29
483	Stepwise Guest Adsorption with Large Hysteresis in a Coordination Polymer {[Cu(bhnq)(THF)2](THF)}n Constructed from a Flexible Hingelike Ligand. Inorganic Chemistry, 2006, 45, 4322-4324.	4.0	41
484	Architecture and Functional Engineering Based on Paddlewheel Dinuclear Tetracarboxylate Building Blocks. , 2006, , 195-218.		1
485	Two New Coordination Polymers Based on Hexanuclear Metal Cluster Cores. Chemistry Letters, 2006, 35, 526-527.	1.3	32
486	A New Honeycomb Assemblage of a Trisdithiolene Vanadium(IV) Complex, (PPh4)2[V(dbddto)3](C6H4Cl2)(hexane)0.5. Chemistry Letters, 2006, 35, 34-35.	1.3	8

#	Article	IF	Citations
487	Gas in a straitjacket. Nature, 2006, 441, 584-585.	27.8	41
488	Homohelicity induction of propylene-linked zinc bilinone dimers by complexation with chiral amine and Î±-amino esters. Preorganization of structurally coupled homohelical subunits. Tetrahedron, 2006, 62, 3619-3628.	1.9	10
489	Polymerization in Coordination Nanospaces. Chemistry - an Asian Journal, 2006, 1, 36-44.	3.3	127
490	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
491	Flexible Microporous Coordination Polymers. ChemInform, 2006, 37, no.	0.0	0
492	Nanochannel-Promoted Polymerization of Substituted Acetylenes in Porous Coordination Polymers. Angewandte Chemie - International Edition, 2006, 45, 4112-4116.	13.8	233
493	Porous Coordination Polymer with Ï€ Lewis Acidic Pore Surfaces, {[Cu3(CN)3{hat(CN)3(OEt)3}]â‹…3â€‰THF}n. Angewandte Chemie - International Edition, 2006, 45, 4628-4631.	13.8	43
494	Metastable Sorption State of a Metalâ€"Organic Porous Material Determined by In Situ Synchrotron Powder Diffraction. Angewandte Chemie - International Edition, 2006, 45, 4932-4936.	13.8	107
495	Dynamic Motion of Building Blocks in Porous Coordination Polymers. Angewandte Chemie - International Edition, 2006, 45, 7226-7230.	13.8	233
496	Tuning of the Spin States in Trinuclear Cobalt Compounds of Pyridazine by the Second Simple Bridging Ligand. European Journal of Inorganic Chemistry, 2006, 2006, 1381-1387.	2.0	22
497	Nanocrystals of Coordination Polymers. Chemistry Letters, 2005, 34, 132-137.	1.3	75
498	Effect of Countercations on the Structural Isomerization of a Dianionic Diruthenium Complex with a Ligand-unsupported Ruâ€"Ru Bond. Chemistry Letters, 2005, 34, 1662-1663.	1.3	2
499	Formation of a Ligand-based Mixed-valence Cluster Triggered by Dehydration Condensation of Semiquinonates witho-Phenylenediamines. Chemistry Letters, 2005, 34, 402-403.	1.3	9
500	Flexible microporous coordination polymers. Journal of Solid State Chemistry, 2005, 178, 2420-2429.	2.9	358
501	Magnetic and magneto-optical properties of two-dimensional cyanide-bridged solid solutions having fragmented magnetic domain. Polyhedron, 2005, 24, 2839-2843.	2.2	3
502	Hydrogen-bonding assemblies constructed from metalloligand building blocks and H2O. Inorganica Chimica Acta, 2005, 358, 423-428.	2.4	14
503	Synchronous helicity control in zinc bilinone trimer. Tetrahedron Letters, 2005, 46, 7151-7154.	1.4	8
504	Porous lanthanideâ€"organic framework with zeolite-like topology. Chemical Communications, 2005, , 2436.	4.1	179

#	Article	IF	Citations
505	Dynamic porous properties of coordination polymers inspired by hydrogen bonds. Chemical Society Reviews, 2005, 34, 109.	38.1	1,363
506	Highly controlled acetylene accommodation in a metalâ€“organic microporous material. Nature, 2005, 436, 238-241.	27.8	1,386
507	Direct Observation of Hydrogen Molecules Adsorbed onto a Microporous Coordination Polymer. Angewandte Chemie - International Edition, 2005, 44, 920-923.	13.8	211
508	Effect of the Metal-Assisted Assembling Mode on the Redox States of Hexaazatriphenylene Hexacarbonitrile. Angewandte Chemie - International Edition, 2005, 44, 2700-2704.	13.8	50
509	Dynamic Porous Properties of Coordination Polymers Inspired by Hydrogen Bonds. ChemInform, 2005, 36, no.	0.0	0
510	A Facile and Versatile Preparation of Bilindiones and Biladienones from Tetraarylporphyrins.. ChemInform, 2005, 36, no.	0.0	0
511	Magnetic Properties of Molecular Oxygen Adsorbed in Micro-Porous Metal-Organic Solids. Progress of Theoretical Physics Supplement, 2005, 159, 271-279.	0.1	26
512	Dynamics of guests in microporous coordination polymers studied by solid state NMR and X-ray analysis. Studies in Surface Science and Catalysis, 2005, 156, 725-732.	1.5	20
513	Flexible coordination polymers as novel porous materials. Studies in Surface Science and Catalysis, 2005, , 497-504.	1.5	4
514	A novel high-spin heterometallic Ni12K4cluster incorporating large Niâ€“azide circles and an in situ cyanomethylated di-2-pyridyl ketone. Chemical Communications, 2005, , 233-235.	4.1	86
515	A facile and versatile preparation of bilindiones and biladienones from tetraarylporphyrins. Chemical Communications, 2005, , 1309.	4.1	33
516	Formation of 3D networks by H-bonding from novel trinuclear or 1D chain complexes of zinc(ii) and cadmium(ii) with isonicotinic acid analogues and the effects of Ï€â€“Ï€ stacking. CrystEngComm, 2005, 7, 411.	2.6	18
517	Diversity in magnetic properties of 3D isomorphous networks of Co(ii) and Mn(ii) constructed by napthalene-1,4-dicarboxylate. Chemical Communications, 2005, , 4613.	4.1	56
518	Rational synthesis of a two-dimensional honeycomb structure based on a paramagnetic paddlewheel diruthenium complex. Chemical Communications, 2005, , 865.	4.1	43
519	Transformation from a 2D Stacked Layer to 3D Interpenetrated Framework by Changing the Spacer Functionality:Â Synthesis, Structure, Adsorption, and Magnetic Properties. Inorganic Chemistry, 2005, 44, 9225-9231.	4.0	95
520	Effects of Countercations on the Structures and Redox and Spectroscopic Properties of Diruthenium Catecholate Complexes with Ligand-Unsupported Ruâˆ'Ru Bonds. Inorganic Chemistry, 2005, 44, 3810-3817.	4.0	14
521	Substituent-Directed Structural and Physicochemical Controls of Diruthenium Catecholate Complexes with Ligand-Unsupported Ruâˆ'Ru Bonds. Inorganic Chemistry, 2005, 44, 3799-3809.	4.0	17
522	Guest-Induced Asymmetry in a Metalâˆ'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

#	Article	IF	Citations
523	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
524	Synthesis and Crystallographic Characterization of Low-Dimensional and Porous Coordination Compounds Capable of Supramolecular Aromatic Interaction Using the 4,4â€˜-Azobis(pyridine) Ligand. Inorganic Chemistry, 2005, 44, 3960-3971.	4.0	50
525	Synthesis, Structures, and Magnetic Properties of the Copper(II), Cobalt(II), and Manganese(II) Complexes with 9-Acridinecarboxylate and 4-Quinolinecarboxylate Ligands. Inorganic Chemistry, 2005, 44, 9837-9846.	4.0	91
526	Metalâˆ'Organic Thin-Film Transistor (MOTFT) Based on a Bis(o-diiminobenzosemiquinonate) Nickel(II) Complex. Journal of the American Chemical Society, 2005, 127, 10012-10013.	13.7	51
527	Formation and Characterization of Crystalline Molecular Arrays of Gas Molecules in a 1-Dimensional Ultramicropore of a Porous Copper Coordination Polymer. Journal of Physical Chemistry B, 2005, 109, 23378-23385.	2.6	71
528	Efficient axial chirality induction in biphenyldiol triggered by proton-transferred hydrogen bonding with chiral amine. Organic and Biomolecular Chemistry, 2005, 3, 2091.	2.8	20
529	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
530	Radical polymerisation of styrene in porous coordination polymers. Chemical Communications, 2005, , 5968.	4.1	148
531	Functional Porous Coordination Polymers. Angewandte Chemie - International Edition, 2004, 43, 2334-2375.	13.8	10,106
532	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
533	Immobilization of a Metallo Schiff Base into a Microporous Coordination Polymer. Angewandte Chemie - International Edition, 2004, 43, 2684-2687.	13.8	336
534	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
535	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
536	Temperature-Controlled Hydrothermal Synthesis of a 2D Ferromagnetic Coordination Bilayered Polymer and a Novel 3D Network with Inorganic Co3(OH)2 Ferrimagnetic Chains.. ChemInform, 2004, 35, no.	0.0	0
537	Functional Porous Coordination Polymers. ChemInform, 2004, 35, no.	0.0	2
538	Creation of Molecular-Assembling, -Stressing, and Converting Fields Based on Nanospaces of Metal Complexes. ChemInform, 2004, 35, no.	0.0	0
539	Metal-Complex Assemblies Constructed from the Flexible Hinge-Like Ligand H2bhnq: Structural Versatility and Dynamic Behavior in the Solid State. Chemistry - A European Journal, 2004, 10, 2647-2660.	3.3	92
540	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

#	Article	IF	Citations
541	Motion of methanol adsorbed in porous coordination polymer with paramagnetic metal ions. Chemical Communications, 2004, , 2152.	4.1	29
542	Module-Based Assembly of Copper(II) Chloranilate Compounds:â€‰ Syntheses, Crystal Structures, and Magnetic Properties of {[Cu2(CA)(terpy)2][Cu(CA)2]}n and {[Cu2(CA)(terpy)2(dmso)2][Cu(CA)2(dmso)2](EtOH)}n (H2CA = Chloranilic Acid, terpy =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 692 Td	4.0	34
543	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
544	Guest Shape-Responsive Fitting of Porous Coordination Polymer with Shrinkable Framework. Journal of the American Chemical Society, 2004, 126, 14063-14070.	13.7	286
545	Neutral Paddlewheel Diruthenium Complexes with Tetracarboxylates of Large Ï€-Conjugated Substituents:Â Facile One-Pot Synthesis, Crystal Structures, and Electrochemical Studies. Inorganic Chemistry, 2004, 43, 6464-6472.	4.0	39
546	A Contrivance for a Dynamic Porous Framework:Â Cooperative Guest Adsorption Based on Square Grids Connected by Amideâˆ'Amide Hydrogen Bonds. Journal of the American Chemical Society, 2004, 126, 3817-3828.	13.7	291
547	Size and Surface Effects of Prussian Blue Nanoparticles Protected by Organic Polymers. Inorganic Chemistry, 2004, 43, 7339-7345.	4.0	190
548	Rational Design and Crystal Structure Determination of a 3-D Metalâˆ'Organic Jungle-Gym-like Open Framework. Inorganic Chemistry, 2004, 43, 6522-6524.	4.0	202
549	Third-order nonlinear optical properties of soluble Cr(III)-dioxolene complexes. , 2004, , .		0
550	A Novel Coordination Polymer Incorporating a Dimeric Silver Unit: Increasing Structural Dimensionality through Agâ€“Ag and Agâ€“Hetero Atom Interactions. Chemistry Letters, 2004, 33, 648-649.	1.3	13
551	Creation of Molecular-Assembling, -Stressing, and Converting Fields Based on Nanospaces of Metal Complexes. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2004, 62, 424-432.	0.1	1
552	Rational Design of a Ferromagnetic Trinuclear Copper(II) Complex with a Novel in-situ Synthesised Metalloligand. European Journal of Inorganic Chemistry, 2003, 2003, 2385-2388.	2.0	45
553	Porous Coordination-Polymer Crystals with Gated Channels Specific for Supercritical Gases. Angewandte Chemie, 2003, 115, 444-447.	2.0	150
554	A New Strategy for the Design of Water-Soluble Synthetic Receptors: Specific Recognition of DNA Intercalators and Diamines.. ChemInform, 2003, 34, no.	0.0	0
555	A New Strategy for the Design of Water-Soluble Synthetic Receptors: Specific Recognition of DNA Intercalators and Diamines.. Chemistry - A European Journal, 2003, 9, 2368-2380.	3.3	32
556	Porous Coordination-Polymer Crystals with Gated Channels Specific for Supercritical Gases. Angewandte Chemie - International Edition, 2003, 42, 428-431.	13.8	994
557	Reactions of di-2-pyridylketone oxime in the presence of vanadium(III): crystal structures of the coordination products. Coordination Chemistry Reviews, 2003, 237, 197-203.	18.8	30
558	Metal complexes of hexaazatriphenylene (hat) and its derivativesâ€"from oligonuclear complexes to coordination polymers. Coordination Chemistry Reviews, 2003, 246, 73-88.	18.8	104

#	Article	IF	Citations
559	Syntheses and crystal structures of three one-dimensional copper(II) complexes constructed by salicylate and 4,4â€²-bipyridine: ladder, zig-zag, and linear polymeric assembly. Inorganica Chimica Acta, 2003, 355, 121-126.	2.4	46
560	The dimeric and two-dimensional copper(II) complexes constructed from salicylic acid and 4,4â€²-bipyridine. Inorganic Chemistry Communication, 2003, 6, 1051-1055.	3.9	26
561	Prussian Blue Nanoparticles Protected by Poly(vinylpyrrolidone). Journal of the American Chemical Society, 2003, 125, 7814-7815.	13.7	414
562	Crystal Engineering Using the Versatility of 2,5-Dichloro-3,6-dihydroxy-1,4-benzoquinone with Organic and Metal Complex Partners. Crystal Growth and Design, 2003, 3, 791-798.	3.0	23
563	Novel Cu(I) Dinuclear Complexes Containing Î¼2-Î·2,Î·2-Type Benzoquinone Ligand. Journal of the American Chemical Society, 2003, 125, 1152-1153.	13.7	28
564	Synthesis of Functionalized Porphyrins as Oxygen Ligand Receptors. Journal of Organic Chemistry, 2003, 68, 5123-5131.	3.2	36
565	Design of Novel Inorganicâ^'Organic Hybrid Materials Based on Iron-Chloranilate Mononuclear Complexes:Â Characteristics of Hydrogen-Bond-Supported Layers toward the Intercalation of Guests. Journal of the American Chemical Society, 2003, 125, 221-232.	13.7	50
566	An efficient recognition motif for an alkyl moiety in water. Chemical Communications, 2003, , 2918.	4.1	9
567	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
568	Cation-templated construction of three-dimensional Î±-Po cubic-type [M(dca)3]â€" networks. Syntheses, structures and magnetic properties of A[M(dca)3] (dcaâ€‰=â€‰dicyanamide; for Aâ€‰=â€‰benzyltributylammonium,) Tj ETQq0 0 779-782.	2.8	61
569	Crystal Engineering of 3D Porous Coordination Polymers through Hydrogen Bonding to Coordination from 1D Helical Chains. Chemistry Letters, 2003, 32, 588-589.	1.3	7
570	Proton spin relaxation induced by quantum tunneling in Fe8 molecular nanomagnet. Physical Review B, 2002, 66, .	3.2	26
571	Formation of a One-Dimensional Array of Oxygen in a Microporous Metal-Organic Solid. Science, 2002, 298, 2358-2361.	12.6	599
572	Pillared layer compounds based on metal complexes. Synthesis and properties towards porous materials. Comments on Inorganic Chemistry, 2002, 23, 101-126.	5.2	46
573	Triple Hydrogen Bond Directed Crystal Engineering of Metal Assembled Complexes: The Effect of a Novel Organic-Inorganic Module on Supramolecular Structure. Molecular Crystals and Liquid Crystals, 2002, 379, 419-424.	0.9	6
574	Solvent-Dependent Formation of Di- and Trinuclear Rhodium and Iridium Complexes Bridged byN,Nâ€²-Donor Ligands. Bulletin of the Chemical Society of Japan, 2002, 75, 267-275.	3.2	29
575	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
576	Dynamic porous frameworks of coordination polymers controlled by anions. Studies in Surface Science and Catalysis, 2002, 141, 363-370.	1.5	10

#	Article	IF	Citations
577	Synthesis and Ligand-Based Mixed Valency of cis- and trans-CrIII(X4SQ)(X4Cat)(L)n (X = Cl and Br, n = 1) Tj ETQq1 1 0.784314 rgBT /Ov Dissociation of CrIII(X4SQ)3. Inorganic Chemistry, 2002, 41, 4444-4452.	4.0	33
578	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
579	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
580			

#	Article	IF	Citations
595	THREE-DIMENSIONAL NETWORK WITH CAVITIES CREATED BY HYDROGEN BONDS IN PROTOCATECHUIC ACID/COPPER (II) SYSTEM. , 2002, , .		0
596	New Molecular Assemblies of Redox Isomers, [CrIII(X4SQ)3-n(X4Cat)n]-n(X = Cl and Br;n= 0, 1, and 2), with Metallocenium Cations, [MIIICp2]+(M = Co and Fe):Â X-ray Crystal Structures and Physical Properties. Inorganic Chemistry, 2001, 40, 146-156.	4.0	50
597	Solvent Effect on Helicity Induction of Zinc Bilinone Bearing a Chiral Auxiliary at the Helix Terminal. Journal of Organic Chemistry, 2001, 66, 3848-3853.	3.2	27
598	Syntheses, Structures, and Physicochemical Properties of Diruthenium Compounds of Tetrachlorocatecholate with Metalâˆ'Metal Bonded Ru3+(Î¼-OR)2Ru3+and Ru3.5+(Î¼-OR)2Ru3.5+Cores (R =) Tj ETQq0 0 0 rgBT /Overl	4.0	26
599	Syntheses and Crystal Structures of Novel Di- and Trinuclear Rhodium Complexes Bridged by Pyrazine. Chemistry Letters, 2001, 30, 168-169.	1.3	13
600	Design and Construction of Coordination Polymers Based on the Topological Property of the Multidentate Ligand. Chemistry Letters, 2001, 30, 50-51.	1.3	4
601	Effects of Magnetic Anisotropy on Magnetization in Molecular Mesoscopic Magnet Fe8. Journal of the Physical Society of Japan, 2001, 70, 3084-3088.	1.6	15
602	Crystal structures and magnetic properties of novel coordination polymers with rectangular lattice constructed from pyrazine derivative. Polyhedron, 2001, 20, 1411-1415.	2.2	16
603	The rational syntheses of manganeseâ€"chloranilate compounds: crystal structures and magnetic properties. Polyhedron, 2001, 20, 1417-1422.	2.2	35
604	A New Class of Cyclic Hexamer: [Co6L6]24âˆ' (H6L=hexaazatriphenylene hexacarboxylic acid). Angewandte Chemie - International Edition, 2001, 40, 3817-3819.	13.8	62
605	Synthesis, structure and reactivities of the dinuclear Î¼-Î·1:Î·6-arylethynyl ruthenium complexes [Cp(PR3)2Ru(Î¼-Î·1:Î·6-Câ˚°CC6H4Me-p)RuCp*]Â·Cl (R=Ph, Me; Cp=Î·5-C5H5, Cp*=Î·5-C5Me5). The molecular structure of [Cp(PPh3)2Ru(Î¼-Î·1:Î·6-Câ˚°CC6H4Me-p)RuCp*]Â·PF6. Journal of Organometallic Chemistry, 2001, 625, 133-139.	1.8	5
606	Molecular Recognition of DNA Intercalators at Nanomolar Concentration in Water. Journal of the American Chemical Society, 2001, 123, 6459-6460.	13.7	37
607	Chiral Recognition of Î±-Amino Esters on the Chiral Helical Surface of Zinc Bilinone. Chemistry Letters, 2000, 29, 1054-1055.	1.3	2
608	Synthesis and Crystal Structure of New Salicylate-Bridged Coordination Polymer, [Cu2(sal)2(pyz)(MeOH)2]n. Chemistry Letters, 2000, 29, 536-537.	1.3	3
609	A New Self-Assembled Porphyrin-Silver(I) Network. Chemistry Letters, 2000, 29, 818-819.	1.3	24
610	Synthesis and Structures of Coordination Polymers with 4,4â€²-Dipyridyldisulfide. Journal of Solid State Chemistry, 2000, 152, 113-119.	2.9	58
611	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
612	Novel layered structures constructed from ironâ€"chloranilate compounds. Coordination Chemistry Reviews, 2000, 198, 157-169.	18.8	24

#	Article	IF	Citations
613	Synthesis, structure, and reactivities of the Ruâ€“Co heterobimetallic complex. Molecular structures of Cp*Ru(CO)2(Î¼2-CO)Co(CO)3, Cp*Ru(Î¼2-CO)2(Î¼2-dppm)Co(CO)2, Cp*Ru(CNBut)(CO)(Î¼2-CO)Co(CO)3, and Cp*(CO)Ru?Î·2:Î·4â€“Î¼2â€“C(Tol)CHC(Tol)CH?Co(CO)2 (Cp*=Î·5-C5Me5, dppm=Ph2PCH2PPh2, Tol=C6H4Me-4). Journal of Organometallic Chemistry, 2000, 596, 121-129.	1.8	15
614	Synthesis and Crystal Structure of [Cu(<i>N</i>-salicylidene-3-aminopyridine)₂]<i>_n </i> Constructed from Unsymmetric Bridging Ligand with Two Dissimilar Metal-Binding Sites. Molecular Crystals and Liquid Crystals, 2000, 342, 231-236.	0.3	3
615	Synthesis and Molecular Structure of the Amido-Bridged Dinuclear Rhodium Complex [Cp*Rh{Î¼₂-(NH)₂C₁₀H₆-2,3}(Î¼₂-Cl)RhCp*][PF₆] (Cp* = Î·⁵-C₅Me₅). Molecular Crystals and Liquid Crystals, 2000, 342, 1-6.	0.3	0
616	Microporous Materials Constructed from the Interpenetrated Coordination Networks. Structures and Methane Adsorption Properties. Chemistry of Materials, 2000, 12, 1288-1299.	6.7	284
617	Novel layered structures constructed from metal(II)â€“chloranilate monomer compounds. Dalton Transactions RSC, 2000, , 2409-2417.	2.3	43
618	H2Generation by Cycling Dark Adsorption and Successive Photoinduced Desorption of 2-Mercaptopyridine on/from Ag-Core/Pt-Shell Nanoparticles Loaded on TiO2. Langmuir, 2000, 16, 6077-6080.	3.5	16
619	Allosteric Chirality Amplification in Zinc Bilinone Dimer. Journal of the American Chemical Society, 2000, 122, 748-749.	13.7	60
620	Hydrogen-Bond Network of Dimeric Copper Complex of Vanillic Acid (HVA), [Cu(VA)2(H2O)]2. Molecular Crystals and Liquid Crystals, 2000, 342, 97-102.	0.3	5
621	Preparation, Structure, and Reactivities of Amido-Bridged Dinuclear Rhodium(III) and Rhodium(II) Complexes. Organometallics, 2000, 19, 216-218.	2.3	18
622	Molecular Recognition of Amines and Amino Esters by Zinc Porphyrin Receptors:Â Binding Mechanisms and Solvent Effects. Journal of Organic Chemistry, 2000, 65, 6097-6106.	3.2	76
623	Triple hydrogen bond directed crystal engineering of metal assembled complexes: the effect of a bifunctional ligand on supramolecular structure. CrystEngComm, 2000, 2, 174.	2.6	19
624	Catalysis of Helix Inversion of Zinc Bilindiones by Amines and Amino Acid Esters. Supramolecular Chemistry, 1999, 10, 297-308.	1.2	17
625	New coordination networks constructed from N-(4-pyridyl)isonicotinamide. Crystal Engineering, 1999, 2, 115-122.	0.7	9
626	Syntheses, crystal structures and autoreduction behavior of antiferromagnetically coupled dicopper(II) oximato complexes. Inorganica Chimica Acta, 1999, 293, 20-29.	2.4	45
627	Synthesis and151Eu- and57Fe-MÃ¶ssbauer spectroscopic studies of new europium-iron complexes. Journal of Radioanalytical and Nuclear Chemistry, 1999, 239, 227-232.	1.5	7
628	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
629	A New Anion-Trapping Radical Host, [(Cu-dppe)3{hat-(CN)6}]2+. Angewandte Chemie - International Edition, 1999, 38, 931-933.	13.8	53
630	Syntheses and crystal structures of iron co-ordination polymers with 4,4â€²-bipyridine (4,4â€²-bpy) and 4,4â€²-azopyridine (azpy). Two-dimensional networks supported by hydrogen bonding, {[Fe(azpy)(NCS)2(MeOH)2]Â·azpy}n and {[Fe(4,4â€²-bpy)(NCS)2(H2O)2]Â·4,4â€²-bpy}n. Journal of the Chemical Society Dalton Transactions, 1999, , 1569-1574.	1.1	66

#	Article	IF	Citations
631	Structural, Spectroscopic and Magnetic Properties of Charge-Transfercomplex, (TMTSF)[Cr(Cl4SQ)2(Cl4Cat)]Â· 0.5CH2Cl2. Molecular Crystals and Liquid Crystals, 1999, 335, 183-192.	0.3	5
632	Helical chirality control in zinc bilinone dimers. Chemical Communications, 1999, , 911-912.	4.1	16
633	Synthesis, X-ray crystal structures and properties of chromium complexes with semiquinonate and catecholate. Journal of the Chemical Society Dalton Transactions, 1999, , 2467-2476.	1.1	37
634	New coordination network of [Cd2(bpob)3(NO3)4]n (bpob=1,4-bis(4- pyridoxy)benzene) constructed from two structural isomers of the ligand. Solid State Sciences, 1999, 1, 73-75.	0.7	6
635	Synthesis and crystal structure of a one-dimensional copper(I) polymer containing a bis-bidentate tetrathioether ligand. Synthetic Metals, 1999, 102, 1464-1465.	3.9	1
636	Peroxidase Activity of Myoglobin Is Enhanced by Chemical Mutation of Heme-Propionates. Journal of the American Chemical Society, 1999, 121, 7747-7750.	13.7	103
637	Helical Chirality Induction by Point Chirality at Helix Terminal. Journal of the American Chemical Society, 1999, 121, 754-759.	13.7	63
638	Porphyrin Receptors for Amines, Amino Acids, and Oligopeptides in Water. Journal of the American Chemical Society, 1999, 121, 11425-11431.	13.7	93
639	Analysis of109Ag MAS NMR Chemical Shieldings Observed in AgxCu1â^'xI Crystals. Bulletin of the Chemical Society of Japan, 1999, 72, 2061-2065.	3.2	11
640	Syntheses and Structures of Zn Coordination Polymers with 4,4â€²-Bipyridine and 4,4â€²-Azopyridine. Effect of Counter Anions on the Network System. Chemistry Letters, 1999, 28, 285-286.	1.3	27
641	Novel Extended Linear Structure of Decavanadate Anions Linked by Bis(4-Pyridinium) Disulfide (H2dpds), {(H2dpds)2[V10O26(OH)2]Â·10H2O}n. Chemistry Letters, 1999, 28, 291-292.	1.3	21
642	Synthesis and Crystal Structure of New Sulfate-Bridged Coordination Polymer, {(4,4â€²-bpyH2)[Fe3(4,4â€²-bpy)3(SO4)4(H2O)6]Â·10H2O}n(4,4â€²-bpy = 4,4â€²-Bipyridine). Three-Dimensional Network with Microporous Channels. Chemistry Letters, 1999, 28, 727-728.	1.3	12
643	Synthesis, Structure, and Reactivities of theÎ·1:Î·6-Î¼2-Aryl Alkynyl Diruthenium Complex. X-Ray Structure of [Cp(PPh3)2Ru(Î·1:Î·6-Î¼2-Câ‰¡CC6H4Me-p)RuCp*]PF6(Cp =Î·5-C5H5, Cp*=Î·5-C5Me5). Chemistry Letters, 1999, 28, 865-866.	1.3	3
644	Mixed ligand copper(II) coordination polymers constructed by Cu-bpm-Cu dimer unit (bpm =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 232 (H2O)n, [Cu2(bpm)(suc)0.5(ClO4)2(OH)(H2O)2]n and [Cu(bpm)1.5(suc)0.5](ClO4)(H2O)2n (suc =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.4	32
645	Synthesis and crystal structure of two ternary dicopper(I) complexes having the unsymmetrical coordination arrangement bridged by 1,8-naphthyridine (napy). [Cu2(napy)2(Me2CO)](PF6)2Â·2Me2CO and [Cu2(napy)2(dppm)(CH3CN)](PF6)2. Inorganica Chimica Acta, 1998, 271, 129-136.	2.4	31
646	Novel Intercalation Host System Based on Transition Metal (Fe2+, Co2+, Mn2+)â^'Chloranilate Coordination Polymers. Single Crystal Structures and Properties. Chemistry of Materials, 1998, 10, 3902-3912.	6.7	81
647	X-Ray crystal structure, magnetic and electric properties of TTF trimer-based salts of FeCl4â^', [TTF7(FeCl4)2]. Journal of Materials Chemistry, 1998, 8, 295-300.	6.7	17
648	Novel Ligand-Unsupported Diruthenium Compounds, [Ru2(Cl4Cat)4]n-(Cl4Cat =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td (Tetrachlo	13.7	20

#	Article	IF	Citations
649	Functional Micropore Chemistry of Crystalline Metal Complex-Assembled Compounds. Bulletin of the Chemical Society of Japan, 1998, 71, 1739-1753.	3.2	771
650	Heterodinuclear Complex Cp*Ru(CO)2Co(CO)4(Cp*= Î·5â€"C5Me5) Induced Selective Dimerization of Terminal Alkynes. Chemistry Letters, 1998, 27, 1175-1176.	1.3	7
651	Preparation and Structure of a Novel Tetranuclear Mixed-Valence Vanadium(IV/V) Complexes Having Alkoxo and Oxo Groups. Chemistry Letters, 1997, 26, 249-250.	1.3	13
652	Comparative X-Ray Studies of a Copper(I) Coordination Polymer with 1,2,4,5-Tetramethylmercaptobenzene (tmmb), [(CuX)2(tmmb)]n(X=Br, I). Analytical Sciences, 1997, 13, 1047-1049.	1.6	11
653	Crystal Structure of Dinuclear Copper(I) Complex with 1,2,4,5-Tetramethylmercaptobenzene, [Cu(tmmb)I]2. Analytical Sciences, 1997, 13, 651-652.	1.6	4
654	Solid and solution structures of ternary gold(I) complexes with triphenylphosphine and nitrogen-containing ligands. Journal of the Chemical Society Dalton Transactions, 1997, , 4257-4262.	1.1	39
655	Two Types of New Polymeric Copper(I) Complexes of Pyrazinecarboxamide Having Channel and Helical Structures. Inorganic Chemistry, 1997, 36, 5416-5418.	4.0	119
656	Novel Amido-Bridged Dinuclear Iridium(III) and Iridium(II) Complexes. Synthesis and Characterization of [Cp*Ir(Î¼2-NHC6H4R-p)3IrCp*]Cl (Cp* = Î·5-C5Me5; R = Me, H, Cl, CF3), [Cp*Ir{(Î¼2-NH)2C10H6-1,8}(Î¼2-X)IrCp*]X (X =) Tj ETQq0 0 1997, 16, 4514-4516.	2.3	19
657	Synthesis, structure, and magnetic properties of one-dimensional copper(II) coordination polymer, [Cu(pyrazine-2,3-dicarboxylate)(H2O)2]Â·2H2On. Synthetic Metals, 1997, 85, 1661-1662.	3.9	35
658	The Valence-Detrapping Phase Transition in a Crystal of the Mixed-Valence Trinuclear Iron Cyanoacetate Complex [Fe3O(O2CCH2CN)6(H2O)3]. Inorganic Chemistry, 1997, 36, 4347-4359.	4.0	61
659	Molecular structure of Ï€-allyl palladium(II) complex, [Pd(Î·3-PhCHCHCHPh) -((S,S) -chiraphos)]PF6: A novel envelope conformation of chiral C2-symmetric diphosphine. Journal of Organometallic Chemistry, 1997, 538, 199-202.	1.8	10
660	Crystal structures of optically active diastereomeric telluronium and selenonium salts anionâ€"cation interactions in the crystalline state. Journal of Organometallic Chemistry, 1997, 539, 171-175.	1.8	19
661	Three-Dimensional Framework with Channeling Cavities for Small Molecules:{[M2(4,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 267 1725-1727.	4.4	1,082
662	Dreidimensionale GerÃ¼ststrukturen mit kanalfÃ¶rmigen HohlrÃumen fÃ¼r kleine MolekÃ¼le: {[M₂(4,4â€²â€bpy)₃(NO₃)₄]Â·<i>x</i>H₂O}_{<i>n</i>} (M = Co, Ni, Zn). Angewandte Chemie, 1997, 109, 1844-1846.	2.0	119
663	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 ETQq1 1 0.784314 rgBT /Overlock 10 Tf	4.0	118
664	Synthesis and Structure of Novel Vanadium(III) Compounds Having a Cyclic Core. Chemistry Letters, 1996, 25, 471-472.	1.3	35
665	Crystal Structure of a Tris(dithiolene) Vanadium(IV) Complex Having UnprecedentedD3hSymmetry. Chemistry Letters, 1996, 25, 489-490.	1.3	30
666	Structure analysis of KxRb1â^'xX(X = Br, I) mixed crystals by 87 Rb and 39 K NMR and X-ray diffraction methods. Journal of Physics and Chemistry of Solids, 1996, 57, 1609-1614.	4.0	5

#	Article	IF	Citations
667	MÃ¶ssbauer spectroscopic and thermal decomposition studies of alkylamine and nitrogen heterocyclic substituted pentacyanoferrate(II) complexes. Thermochimica Acta, 1996, 287, 111-129.	2.7	4
668	Dependence of the rate of intramolecular electron transfer on crystal form in mixed-valence trinuclear iron phenylacetate complex. Polyhedron, 1996, 15, 2131-2139.	2.2	10
669	Hydrogen Bond-Supported Two-Dimensional Layers Of Iron(I?) and Copper(II) Complexes Of Chloranilate. Their Crystal Structures And Magnetic Properties. Molecular Crystals and Liquid Crystals, 1996, 286, 51-58.	0.3	10
670	Synthesis, Structure and Magnetic Properties of a Two- Dimensional Nickel(II) Coordination Polymer, {[Ni(pzdc)(pyz)].2H₂O}_n (H₂pzdc = pyrazine-23-dicarboxylic acid;) Tj ETQq0 0 0 rgBT /Overlock	0.8	3
671	Oxamide oxime-based copper(II) coordination polymers. Two- and three-dimensional structures controlled by dicarboxylates. Inorganica Chimica Acta, 1995, 229, 211-219.	2.4	27
672	Synthesis, Structure, and Magnetic Properties of Crystalline Coordination Polymers of Copper(II), {[Cu(CA)(H₂O)₂ (H₂O)}_n AND [Cu(CA)(MeOH)₂ _n (H₂CA; Chloranilic Acid). Molecular Crystals and Liquid Crystals, 1995, 274, 179-185.	0.3	17
673	A Molecular Cavity for Tetrahedral and Y-Shaped Anions. Synthetic and Structural Studies of Macrocyclic Dicopper(I) and Disilver(I) Compounds of 1,6-Bis(diphenylphosphino)hexane. Inorganic Chemistry, 1995, 34, 1455-1465.	4.0	99
674	Fabrication of infinite two- and three-dimensional copper coordination polymers of chloranilic acid and its derivatives. Crystal structures and magnetic properties. Synthetic Metals, 1995, 71, 1917-1918.	3.9	17
675	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
676	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
677	Co-ordinative versatility of 3,5-bis(2-pyridyl)pyrazole in silver and copper compounds. Journal of the Chemical Society Dalton Transactions, 1995, , 4099.	1.1	49
678	Crystal structure of a binuclear vanadium(III) complex with a new tripodal ligand, [V2Cl4(tped)(EtOH)2]Â·2EtOH. Inorganica Chimica Acta, 1994, 224, 199-201.	2.4	5
679	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
680	Ein zweidimensionales, tetragonales Kupfer(<scp>II</scp>)â€Schichtgitter: Struktur und magnetische Eigenschaften von [Cu(C₆O₄Cl₂)(C₄H₄N₂)]_{<i>n</i>}. Angewandte Chemie, 1994, 106, 1851-1854.	2.0	20
681	Valence-delocalization of the mixed-valence oxo-centered trinuclear iron propionates [Fe 2 III FeIIO(C2H5CO2)6(py)3]npy;n=0, 1.5. Hyperfine Interactions, 1994, 93, 1567-1572.	0.5	7
682	Building a two-dimensional co-ordination polymer having a multilayered arrangement. A molecular assembly comprising hanging phenazine molecules between polymeric stair frameworks of copper(I) halides. Journal of the Chemical Society Dalton Transactions, 1994, , 2771.	1.1	63
683	Architecture of 2D Sheets with Six-Membered Rings of Coppers Interconnected by 2,1,3-Benzothiadiazoles and a Layered Structure Composed of the 2D Sheets. Inorganic Chemistry, 1994, 33, 1284-1291.	4.0	96
684	Synthesis and crystal structures of novel copper(I) co-ordination polymers and a hexacopper(I) cluster of quinoline-2-thione. Journal of the Chemical Society Dalton Transactions, 1993, , 1399.	1.1	65

#	Article	IF	Citations
685	Synthesis, structures, and properties of the molecular assemblies of copper(I) and silver(I) complexes with phenazine. Novel donor-acceptor and huge polynuclear complexes. Inorganic Chemistry, 1993, 32, 826-832.	4.0	71
686	Crystal Structure of Bis(2-mercaptothiazoline)copper(I) Chloride, Cu(mtz)2Cl]. Analytical Sciences, 1993, 9, 887-888.	1.6	5
687	Abrupt Conversion of Mixed-Valence State in Trinuclear Iron Cyanoacetate Complex. Chemistry Letters, 1993, 22, 1463-1466.	1.3	15
688	Synthesis and Structures of Infinite Sheet Copper(I) Complex Polymers with 2,6-Dimethylpyrazine, {[Cu2(C6H8N2)3](ClO4)2(C3H6O)2}â^ž, and with 2-Chloropyrazine, {[Cu2(C4H3N2Cl)4.5](ClO4)2}â^ž. Bulletin of the Chemical Society of Japan, 1993, 66, 3387-3392.	3.2	34
689	Crystal Structure of Tetrakis(2-methylpyrazine)copper(II) Perchlorate, [Cu(2-Mepz)4](ClO4)2. Analytical Sciences, 1992, 8, 899-900.	1.6	5
690	Synthesis, formation constants and structures of ternary copper(I) complexes with 1,10-phenanthroline and alkynes. Journal of the Chemical Society Dalton Transactions, 1992, , 2225.	1.1	30
691	Synthesis of the novel infinite-sheet and -chain copper(I) complex polymers x-ray crystal structures. Inorganic Chemistry, 1992, 31, 1714-1717.	4.0	94
692	Synthesis and crystal structures of tetra- and hexanuclear copper(I) complexes of pyrimidine derivatives, [Cu4(C4H8N2S)4](ClO4)4 and [Cu6(C5H5N2S)6]. Inorganica Chimica Acta, 1992, 197, 169-175.	2.4	33
693	Synthesis and crystal structures of novel one-dimensional polymers, [{M(bpen)X}â^ž][M = CuI, X = PF6â€"; M = AgI, X = ClO4â€"; bpen =trans-1,2-bis(2-pyridyl)ethylene] and [{Cu(bpen)(CO)(CH3CN)(PF6)}â^ž]. Journal of the Chemical Society Dalton Transactions, 1991, , 2869-2874.	1.1	44
694	Crystal structure of an infinite stair-type chain compound [{Cu2(tc)2(ClO4)2} n](tc = thiochrome). Journal of the Chemical Society Dalton Transactions, 1991, , 1717.	1.1	18
695	Copper(I)-promoted cycloaddition reactions of pyridine-2-carbonitrile, 2-pyridylacetonitrile and isoquinoline-3-carbonitrile with ketones. Journal of the Chemical Society Chemical Communications, 1991, , 1244.	2.0	7
696	Synthesis, characterization, and molecular structures of binary and ternary copper(I) complexes with 1,5-cyclooctadiene (cod): [Cu(cod)2]ClO4 and [cu(cod)(2,2'-bipyridine)]PF6. Inorganic Chemistry, 1991, 30, 2610-2614.	4.0	30
697	Tetranuclear Copper(I)-Based Infinite One-Dimentional Chain Complex. Synthesis and X-Ray Crystal Structure of {[Cu2(Î¼-3-methylpyridazine)2(Î¼-pyrazine)3](ClO4)2}â^ž. Chemistry Letters, 1991, 20, 623-626.	1.3	14
698	Synthesis and X-Ray Crystal Structure of the Dicopper(I) Complex of 2-(Diphenylphosphino)pyridine (Ph2Ppy). [Cu2(Î¼-Ph2Ppy)2(CH3CN)2](PF6)2. Bulletin of the Chemical Society of Japan, 1991, 64, 2286-2288.	3.2	21
699	Synthesis, Structure, and NMR Spectra of [Cu2(phen)2(Î¼-(C6H5)2PCH2P(C6H5)2)2](PF6)2and Its Derivatives. Bulletin of the Chemical Society of Japan, 1991, 64, 2809-2813.	3.2	17
700	Crystal Structure of(2,2'-Bipyridine)dichloropalladium(II).. Analytical Sciences, 1991, 7, 521-522.	1.6	30
701	Crystal Structure of Tetrakis(pyridine)copper(II) Nitrate Pyridine Solvate, [Cu(py)4](NO3)2Â·2py. Analytical Sciences, 1991, 7, 827-828.	1.6	11
702	On the mechanism of stereoisomerization of methyl groups of 1,3-diaxial [cis-3-(benzyloxy)cyclohexyl]chlorodimethylstanne. Tetrahedron Letters, 1991, 32, 4945-4948.	1.4	3

#	Article	IF	Citations
703	Natural abundance nitrogen-15 CP-MAS NMR studies of copper(I) complexes. Magnetic Resonance in Chemistry, 1991, 29, 566-568.	1.9	3
704	Synthesis, properties and crystal structures of dicopper(I) and disilver(I) complexes with 1,8-naphthyridine (napy): [Cu2(napy)2](ClO4)2 and [Ag2(napy)2](ClO4)2. Inorganica Chimica Acta, 1990, 167, 181-188.	2.4	80
705	Coordination power series of solvents. Inorganica Chimica Acta, 1990, 169, 225-234.	2.4	17
706	The X-ray structure of the divanadyl complex, [(VO)2Cl2(C8H6N2)2(OC2H5)2]. Inorganica Chimica Acta, 1990, 175, 3-4.	2.4	6
707	Raman spectra of copper(I) and silver(I) complexes with 1,5-cyclooctadiene and the nature of metal-olefin bonds. Possibility of a copper(I)-olefin bond in cytochrome oxidase. Journal of Organometallic Chemistry, 1990, 391, 131-137.	1.8	8
708	Synthesis and crystal structure of hexanuclear copper(I) complexes of Âµ3-pyridine-2-thionate. Journal of the Chemical Society Dalton Transactions, 1990, , 2105-2109.	1.1	98
709	Structure of bis(2,6-dimethylpyridine)copper(I) perchlorate. The relationship between the Cuî—¸N(pyridine) distance and CuÂ·Â·Â·CH3(methyl group) contacts. Inorganica Chimica Acta, 1989, 158, 217-220.	2.4	19
710	51V NMR studies of vanadium(I) complexes. Equilibria and crystal structure of Na[V(NO)(N(CH2CH2O)3)] and its derivatives. Inorganica Chimica Acta, 1989, 164, 49-53.	2.4	16
711	Synthesis and structures of (2,9-dimethyl-1,10-phenanthroline)(acetonitrile)copper(I) perchlorate and hexafluorophosphate. A correlation between bond angles and bond distances in T- and Y-shaped three-coordinate copper(I) complexes. Inorganic Chemistry, 1989, 28, 4300-4302.	4.0	51
712	Nuclear magnetic resonance studies of dicopper(II) complexes with binucleating ligands containing imidazoles. Inorganic Chemistry, 1989, 28, 1904-1909.	4.0	58
713	Diamagnetic anisotropy of quadruple Moî—¸Mo bonds: Î±-Mo2Cl4(diphosphine)2 complexes. Polyhedron, 1988, 7, 1673-1676.	2.2	14
714	Direct evidence favouring an internal flip of dimetal units in cubiodal ligand cages. Polyhedron, 1988, 7, 463-470.	2.2	26
715	Synthesis and 1H-NMR spectra of binuclear copper(II) complexes with copper(II)-copper(II) interaction as an oxyhemocyanin model.. Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal, 1988, 1988, 438-444.	0.1	1
716	Synthesis of ethylene and carbon monoxide complexes of copper(I) with polyimidazolyl ligands - A model for the ethylene receptor site of plants.. Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal, 1988, 1988, 640-647.	0.1	0
717	Crystal Structure of Bis(2,2â€²-bipyridine)copper(I) Perchlorate. Bulletin of the Chemical Society of Japan, 1987, 60, 1927-1929.	3.2	71
718	Structure and1H n.m.r. spectrum of a binuclear copper(I) complex with non-bridging and bridging 2-vinylpyridine ligands (vpy), [Cu2(Âµ-vpy)2(vpy)2](ClO4)2. Journal of the Chemical Society Chemical Communications, 1987, , 1798-1799.	2.0	5
719	Preparation, spectroscopic properties, and characterization of anti- and syn-.alpha.-Mo2Cl4[(C6H5)2PCH2CH2P(p-CH3C6H4)2] in solution and in the solid state. Inorganic Chemistry, 1987, 26, 3463-3468.	4.0	21
720	Structural studies of copper(I) complexes with ethylene. Crystal structures of [Cu(2,2â€²-bipyridine)(ethylene)]ClO4 and [Cu(1,10-phenanthroline)(ethylene)]ClO4. Journal of Organometallic Chemistry, 1987, 322, 121-129.	1.8	62

#	Article	IF	Citations
721	Studies of copper(I) olefin complexes. Formation constants of copper olefin complexes with 2,2'-bipyridine, 1,10-phenanthroline, and their derivatives. Inorganic Chemistry, 1986, 25, 2622-2627.	4.0	104
722	Cadmium-113 NMR of cadmium(II) complexes with ligands containing N-donor atoms. Dependence of the chemical shift upon the ligand basicity, chelate ring size, counteranion, and cadmium concentration. Inorganic Chemistry, 1986, 25, 964-970.	4.0	49
723	Nuclear Magnetic Resonance Studies of Copper(I) Complexes of Imidazoles. I. Their Preparation, Characterization, Equilibria, and Reaction with Carbon Monoxide. Bulletin of the Chemical Society of Japan, 1986, 59, 2743-2750.	3.2	9
724	Nuclear Magnetic Resonance Studies of Copper(I) Complexes of Imidazoles. II. Their Reaction with Ethylene, Phosphite, and Isocyanides. Bulletin of the Chemical Society of Japan, 1986, 59, 2751-2754.	3.2	3
725	Deuteron NMR spectroscopy of copper(II) complexes in solution. 1. (5,7,7,12,14,14,-hexamethyl-1,4,8,1) Tj ETQq1 1 0.784314 rgBT /Ov Chimica Acta, 1986, 121, 113-117.	2.4	3
726	Copper-63 nuclear magnetic resonance studies of tris(triethyl phosphite)copper(I) chloride in nonaqueous solution. Inorganica Chimica Acta, 1986, 120, 77-80.	2.4	10
727	Preconcentration of some phosphorus-containing anions by adsorption on hydrated iron(III) oxide. Analytica Chimica Acta, 1985, 173, 299-303.	5.4	16
728	Classification of solvents based on their coordination power to nickel(II) ion. A new measure for solvent donor ability. Inorganic Chemistry, 1985, 24, 1638-1643.	4.0	44
729	Autoreduction of copper(II) complexes of 6,6â€²-diakyl-2,2â€²-bipyridine and characterization of their copper(I) complexes. Inorganica Chimica Acta, 1984, 84, 79-84.	2.4	45
730	Copper-63 NMR studies of copper(I) complexes. Relationship between copper-63 chemical shift and metal-ligand binding. Inorganic Chemistry, 1984, 23, 4388-4390.	4.0	14
731	UV photoelectron spectra of some transition metal(II) acetylacetonates. Polyhedron, 1983, 2, 43-46.	2.2	20
732	The Affinity for Carbon Monoxide, Electrochemical and Spectral Properties of Binuclear Copper(I) Complexes. Bulletin of the Chemical Society of Japan, 1983, 56, 2258-2262.	3.2	11
733	Cyclic Phosphorylation Reaction of Diols with Tri(1-imidazolyl)phosphine. Bulletin of the Chemical Society of Japan, 1983, 56, 3483-3485.	3.2	12
734	Spectroscopic Studies of Copper(I) Complexes of 1,8-Di(2-pyridyl)-3,6-dithiaoctane in a Nonaqueous Solvent. The Halide-ion Effect on Their Structure. Bulletin of the Chemical Society of Japan, 1982, 55, 3491-3495.	3.2	3
735	New mixed-ligand copper(I) complexes with 2,2'-bipyridine and their NMR spectra. Inorganic Chemistry, 1982, 21, 3842-3843.	4.0	22
736	Effect of substituents on the charge transfer band of copper(I) complexes with 4-monosubstituted pyridines. Inorganica Chimica Acta, 1982, 59, 219-223.	2.4	29
737	Is the oxygen atom of carbon monoxide coordinated to the copper of hemocyanin?. Journal of Inorganic Biochemistry, 1982, 16, 319-322.	3.5	5
738	Binuclear copper(I) complexes which reversibly react with carbon monoxide. 1. Di-.mu.-halogeno-bis(2,2'-bipyridine)dicopper(I) and its derivatives. Inorganic Chemistry, 1981, 20, 2261-2267.	4.0	76

#	Article	IF	Citations
739	Nuclear magnetic resonance studies on new six-coordinate high-spin ferric porphyrin complexes as models for aquometmyoglobin. 1. Formation of alcohol-coordinated octaethylporphyrin complexes in solution. Journal of the American Chemical Society, 1980, 102, 2429-2437.	13.7	19
740	Photoelectron spectroscopic study on metallooctaethylporphyrins. Inorganic Chemistry, 1979, 18, 1345-1349.	4.0	45
741	Effect of pH on the carbon-13 nuclear magnetic resonance spectra of cobalt(II), nickel(II), copper(II), and manganese(II) complexes of histidine. The Journal of Physical Chemistry, 1978, 82, 89-97.	2.9	13
742	Application to Inorganic Materials. , 0, , 337-369.		1
743	Direct observation of porous coordination polymer surfaces by atomic force microscopy. Japanese Journal of Applied Physics, 0, , .	1.5	1