

Susumu Kitagawa

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/936491/susumu-kitagawa-publications-by-year.pdf>

Version: 2024-04-27

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

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

759
papers

74,073
citations

126
h-index

251
g-index

805
ext. papers

79,326
ext. citations

8.7
avg, IF

8.27
L-index

#	Paper	IF	Citations
759	Topochemical [2 + 2] Cycloaddition in a Two-Dimensional Metal-Organic Framework via SCSC Transformation Impacts Halogen-Halogen Interactions.. <i>Inorganic Chemistry</i> , 2022 ,	5.1	3
758	The chemistry and applications of flexible porous coordination polymers. <i>EnergyChem</i> , 2021 , 3, 100067	36.9	11
757	Highly Processable Covalent Organic Framework Gel Electrolyte Enabled by Side-Chain Engineering for Lithium-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2021 , 61, e202110695	16.4	2
756	Host-Guest Interaction Modulation in Porous Coordination Polymers for Inverse Selective CO ₂ /C ₂ H ₂ Separation. <i>Angewandte Chemie</i> , 2021 , 133, 11794-11800	3.6	10
755	Host-Guest Interaction Modulation in Porous Coordination Polymers for Inverse Selective CO /C H Separation. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 11688-11694	16.4	35
754	Host-Guest Assembly of H-Bonding Networks in Covalent Organic Frameworks for Ultrafast and Anhydrous Proton Transfer. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 37172-37178	9.5	2
753	Construction of unimpeded proton-conducting pathways in solution-processed nanoporous polymer membranes. <i>Materials Horizons</i> , 2021 , 8, 3088-3095	14.4	4
752	Concluding remarks: current and next generation MOFs. <i>Faraday Discussions</i> , 2021 , 231, 397-417	3.6	5
751	Surface morphology-induced spin-crossover-inactive high-spin state in a coordination framework. <i>Chemical Communications</i> , 2021 , 57, 1462-1465	5.8	1
750	Crystal Flexibility Design through Local and Global Motility Cooperation. <i>Angewandte Chemie</i> , 2021 , 133, 7106-7111	3.6	
749	Crystal Flexibility Design through Local and Global Motility Cooperation. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 7030-7035	16.4	7
748	Xylene Recognition in Flexible Porous Coordination Polymer by Guest-Dependent Structural Transition. <i>ACS Applied Materials & Interfaces</i> , 2021 ,	9.5	2
747	Benchmark Acetylene Binding Affinity and Separation through Induced Fit in a Flexible Hybrid Ultramicroporous Material. <i>Angewandte Chemie</i> , 2021 , 133, 20546-20553	3.6	2
746	Benchmark Acetylene Binding Affinity and Separation through Induced Fit in a Flexible Hybrid Ultramicroporous Material. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 20383-20390	16.4	9
745	Effect of Micropores of a Porous Coordination Polymer on the Product Selectivity in Ru Complex-catalyzed CO Reduction. <i>Chemistry - an Asian Journal</i> , 2021 , 16, 3341-3344	4.5	1
744	A comparative study of honeycomb-like 2D π -conjugated metal-organic framework chemiresistors: conductivity and channels. <i>Dalton Transactions</i> , 2021 , 50, 13236-13245	4.3	4
743	A square lattice topology coordination network that exhibits highly selective C ₂ H ₂ /CO ₂ separation performance. <i>SmartMat</i> , 2020 , 1, e1008	22.8	5

742	Dynamic Transformation between Covalent Organic Frameworks and Discrete Organic Cages. <i>Journal of the American Chemical Society</i> , 2020 , 142, 21279-21284	16.4	17
741	Die Chemie verformbarer poröser Kristalle – Struktur- und Gasadsorptionseigenschaften. <i>Angewandte Chemie</i> , 2020 , 132, 15438-15456	3.6	14
740	Chemistry of Soft Porous Crystals: Structural Dynamics and Gas Adsorption Properties. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 15325-15341	16.4	96
739	Photocleavage Synthesis of Hydroxy Group-Bearing Porous Coordination Polymers. <i>ChemNanoMat</i> , 2020 , 6, 739-743	3.5	
738	Structural-Deformation-Energy-Modulation Strategy in a Soft Porous Coordination Polymer with an Interpenetrated Framework. <i>Angewandte Chemie</i> , 2020 , 132, 15647-15651	3.6	2
737	Structural-Deformation-Energy-Modulation Strategy in a Soft Porous Coordination Polymer with an Interpenetrated Framework. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 15517-15521	16.4	16
736	Ligand-Assisted Electrochemical CO ₂ Reduction by Ru-Polypyridyl Complexes. <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 1814-1818	2.3	6
735	Observation of an exotic state of water in the hydrophilic nanospace of porous coordination polymers. <i>Communications Chemistry</i> , 2020 , 3,	6.3	7
734	Eine neue Dimension von Koordinationspolymeren und Metall-organischen Gerüsten: hin zu funktionellen Gittern und Flüssigkeiten. <i>Angewandte Chemie</i> , 2020 , 132, 6716-6729	3.6	9
733	Upscale synthesis of a binary pillared layered MOF for hydrocarbon gas storage and separation. <i>Green Chemistry</i> , 2020 , 22, 718-724	10	55
732	Pseudo-Gated Adsorption with Negligible Volume Change Evoked by Halogen-Bond Interaction in the Nanospace of MOFs. <i>Chemistry - A European Journal</i> , 2020 , 26, 2148-2153	4.8	11
731	Transport properties in porous coordination polymers. <i>Coordination Chemistry Reviews</i> , 2020 , 421, 21344-21352	3.2	36
730	Crystalline and Stable Benzofuran-Linked Covalent Organic Frameworks from Irreversible Cascade Reactions. <i>Journal of the American Chemical Society</i> , 2020 , 142, 13316-13321	16.4	32
729	Perfluoroalkyl-Functionalized Covalent Organic Frameworks with Superhydrophobicity for Anhydrous Proton Conduction. <i>Journal of the American Chemical Society</i> , 2020 , 142, 14357-14364	16.4	82
728	Control of local flexibility towards p-xylene sieving in Hofmann-type porous coordination polymers. <i>Chemical Communications</i> , 2020 , 56, 9632-9635	5.8	4
727	A New Dimension for Coordination Polymers and Metal-Organic Frameworks: Towards Functional Glasses and Liquids. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 6652-6664	16.4	65
726	A Dual-Ligand Porous Coordination Polymer Chemiresistor with Modulated Conductivity and Porosity. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 172-176	16.4	66
725	A Dual-Ligand Porous Coordination Polymer Chemiresistor with Modulated Conductivity and Porosity. <i>Angewandte Chemie</i> , 2020 , 132, 178-182	3.6	6

7 ²⁴	A highly oriented conductive MOF thin film-based Schottky diode for self-powered light and gas detection. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 9085-9090	13	16
7 ²³	Grafting Free Carboxylic Acid Groups onto the Pore Surface of 3D Porous Coordination Polymers for High Proton Conductivity. <i>Chemistry of Materials</i> , 2019 , 31, 8494-8503	9.6	26
7 ²²	Carbon dioxide capture and efficient fixation in a dynamic porous coordination polymer. <i>Nature Communications</i> , 2019 , 10, 4362	17.4	56
7 ²¹	Design and control of gas diffusion process in a nanoporous soft crystal. <i>Science</i> , 2019 , 363, 387-391	33.3	177
7 ²⁰	Homogenized Bimetallic Catalysts from Metal-Organic Framework Alloys. <i>Chemistry of Materials</i> , 2019 , 31, 4205-4212	9.6	18
7 ¹⁹	Borohydride-containing coordination polymers: synthesis, air stability and dehydrogenation. <i>Chemical Science</i> , 2019 , 10, 6193-6198	9.4	3
7 ¹⁸	Partially fluorinated MIL-101(Cr): from a miniscule structure modification to a huge chemical environment transformation inspected by ¹²⁹ Xe NMR. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 15101-15112	13	20
7 ¹⁷	Crystal melting and glass formation in copper thiocyanate based coordination polymers. <i>Chemical Communications</i> , 2019 , 55, 5455-5458	5.8	28
7 ¹⁶	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. <i>Chemistry - A European Journal</i> , 2019 , 25, 3020-3031	4.8	8
7 ¹⁵	Bottom-up Synthesis of Defect-free Mixed-matrix Membranes by Using Polymer-grafted Metal-Organic Polyhedra. <i>Chemistry Letters</i> , 2019 , 48, 597-600	1.7	14
7 ¹⁴	Glass-phase coordination polymer displaying proton conductivity and guest-accessible porosity. <i>Chemical Communications</i> , 2019 , 55, 8528-8531	5.8	14
7 ¹³	Rational Tuning of Zirconium Metal-Organic Framework Membranes for Hydrogen Purification. <i>Angewandte Chemie</i> , 2019 , 131, 19210-19216	3.6	10
7 ¹²	Rational Tuning of Zirconium Metal-Organic Framework Membranes for Hydrogen Purification. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 19034-19040	16.4	55
7 ¹¹	The role of lattice vibration in the terahertz region for proton conduction in 2D metal-organic frameworks. <i>Chemical Science</i> , 2019 , 11, 1538-1541	9.4	6
7 ¹⁰	Accumulation of Glassy Poly(ethylene oxide) Anchored in a Covalent Organic Framework as a Solid-State Li Electrolyte. <i>Journal of the American Chemical Society</i> , 2019 , 141, 1227-1234	16.4	140
7 ⁰⁹	Highly responsive nature of porous coordination polymer surfaces imaged by in situ atomic force microscopy. <i>Nature Chemistry</i> , 2019 , 11, 109-116	17.6	49
7 ⁰⁸	A phase transformable ultrastable titanium-carboxylate framework for photoconduction. <i>Nature Communications</i> , 2018 , 9, 1660	17.4	98
7 ⁰⁷	Generation of thiyl radicals in a zinc(ii) porous coordination polymer by light-induced post-synthetic deprotection. <i>Chemical Communications</i> , 2018 , 54, 4782-4785	5.8	10

706	Reversible Switching between Highly Porous and Nonporous Phases of an Interpenetrated Diamondoid Coordination Network That Exhibits Gate-Opening at Methane Storage Pressures. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 5684-5689	16.4	108
705	Reversible Switching between Highly Porous and Nonporous Phases of an Interpenetrated Diamondoid Coordination Network That Exhibits Gate-Opening at Methane Storage Pressures. <i>Angewandte Chemie</i> , 2018 , 130, 5786-5791	3.6	17
704	Construction of a Hierarchical Architecture of Covalent Organic Frameworks via a Postsynthetic Approach. <i>Journal of the American Chemical Society</i> , 2018 , 140, 2602-2609	16.4	81
703	Efficient CO Removal for Ultra-Pure CO Production by Two Hybrid Ultramicroporous Materials. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 3332-3336	16.4	38
702	Efficient CO ₂ Removal for Ultra-Pure CO Production by Two Hybrid Ultramicroporous Materials. <i>Angewandte Chemie</i> , 2018 , 130, 3390-3394	3.6	8
701	Finely Controlled Stepwise Engineering of Pore Environments and Mechanistic Elucidation of Water-Stable, Flexible 2D Porous Coordination Polymers. <i>Chemistry - A European Journal</i> , 2018 , 24, 6412-6417	4.8	13
700	Sequence-regulated copolymerization based on periodic covalent positioning of monomers along one-dimensional nanochannels. <i>Nature Communications</i> , 2018 , 9, 329	17.4	47
699	Anisotropic convergence of dendritic macromolecules facilitated by a heteroleptic metal-organic polyhedron scaffold. <i>Chemical Communications</i> , 2018 , 54, 5209-5212	5.8	15
698	Formation of coordination polymer glass by mechanical milling: dependence on metal ions and molecular doping for H conductivity. <i>Chemical Communications</i> , 2018 , 54, 6859-6862	5.8	23
697	Readily accessible shape-memory effect in a porous interpenetrated coordination network. <i>Science Advances</i> , 2018 , 4, eaq1636	14.3	42
696	Fabrication of μ -Fe ₂ N Catalytic Sites in Porous Carbons Derived from an Iron ^{III} triazolate Crystal. <i>Chemistry of Materials</i> , 2018 , 30, 1830-1834	9.6	18
695	Electrochemical behavior of a Rh(pentamethylcyclopentadienyl) complex bearing an NAD/NADH-functionalized ligand. <i>Dalton Transactions</i> , 2018 , 47, 5207-5216	4.3	1
694	Design and Synthesis of Porous Coordination Polymers with Expanded One-Dimensional Channels and Strongly Lewis-Acidic Sites. <i>ChemNanoMat</i> , 2018 , 4, 103-111	3.5	8
693	Switchable gate-opening effect in metal-organic polyhedra assemblies through solution processing. <i>Chemical Science</i> , 2018 , 9, 6463-6469	9.4	30
692	Fighting at the Interface: Structural Evolution during Heteroepitaxial Growth of Cyanometallate Coordination Polymers. <i>Inorganic Chemistry</i> , 2018 , 57, 8701-8704	5.1	11
691	Atomic Force Microscopy Study of the Influence of the Synthesis Conditions on the Single-Crystal Surface of Interdigitated Metal-Organic Frameworks. <i>ChemPhysChem</i> , 2018 , 19, 2134-2138	3.2	6
690	Storage of CO ₂ into Porous Coordination Polymer Controlled by Molecular Rotor Dynamics. <i>Angewandte Chemie</i> , 2018 , 130, 8823-8826	3.6	12
689	Self-assembly of metal-organic polyhedra into supramolecular polymers with intrinsic microporosity. <i>Nature Communications</i> , 2018 , 9, 2506	17.4	109

688	Purely Physisorption-Based CO-Selective Gate-Opening in Microporous Organically Pillared Layered Silicates. <i>Angewandte Chemie</i> , 2018 , 130, 573-577	3.6	4
687	Insights into inorganic buffer layer-assisted in situ fabrication of MOF films with controlled microstructures. <i>CrystEngComm</i> , 2018 , 20, 6995-7000	3.3	6
686	Modular Self-Assembly and Dynamics in Coordination Star Polymer Glasses: New Media for Ion Transport. <i>Chemistry of Materials</i> , 2018 , 30, 8555-8561	9.6	20
685	Gas-responsive porous magnet distinguishes the electron spin of molecular oxygen. <i>Nature Communications</i> , 2018 , 9, 5420	17.4	32
684	Theoretical Insight into Gate-Opening Adsorption Mechanism and Sigmoidal Adsorption Isotherm into Porous Coordination Polymer. <i>Journal of the American Chemical Society</i> , 2018 , 140, 13958-13969	16.4	38
683	Temperature-Stable Compelled Composite Superhydrophobic Porous Coordination Polymers Achieved via an Unattainable de Novo Synthetic Method. <i>Journal of the American Chemical Society</i> , 2018 , 140, 13786-13792	16.4	27
682	Selective Formation of End-on Orientation between Polythiophene and Fullerene Mediated by Coordination Nanospaces. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 24182-24189	3.8	7
681	Modular Design of Porous Soft Materials via Self-Organization of Metal-Organic Cages. <i>Accounts of Chemical Research</i> , 2018 , 51, 2437-2446	24.3	87
680	Coordination Modulation Method To Prepare New Metal-Organic Framework-Based CO-Releasing Materials. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 31158-31167	9.5	22
679	Storage of CO into Porous Coordination Polymer Controlled by Molecular Rotor Dynamics. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 8687-8690	16.4	44
678	Paraffinic metal-organic polyhedrons: solution-processable porous modules exhibiting three-dimensional molecular order. <i>Chemical Communications</i> , 2018 , 54, 7290-7293	5.8	14
677	Purely Physisorption-Based CO-Selective Gate-Opening in Microporous Organically Pillared Layered Silicates. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 564-568	16.4	7
676	Crystal Engineering of Self-Assembled Porous Protein Materials in Living Cells. <i>ACS Nano</i> , 2017 , 11, 24101-24119	16.4	46
675	Mechanical Alloying of Metal-Organic Frameworks. <i>Angewandte Chemie</i> , 2017 , 129, 2453-2457	3.6	14
674	Mechanical Alloying of Metal-Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 2413-2417	16.4	30
673	Mapping-Out Catalytic Processes in a Metal-Organic Framework with Single-Crystal X-ray Crystallography. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 8412-8416	16.4	60
672	Mapping-Out Catalytic Processes in a Metal-Organic Framework with Single-Crystal X-ray Crystallography. <i>Angewandte Chemie</i> , 2017 , 129, 8532-8536	3.6	18
671	Highly efficient oxidative adsorption of methanethiol from hydrocarbon gas using Cu ²⁺ -based porous coordination polymers. <i>Microporous and Mesoporous Materials</i> , 2017 , 243, 351-354	5.3	4

670	Base assisted C-C coupling between carbonyl and polypyridyl ligands in a Ru-NADH-type carbonyl complex. <i>Dalton Transactions</i> , 2017 , 46, 4373-4381	4.3	9
669	Preparation of Porous Polysaccharides Templated by Coordination Polymer with Three-Dimensional Nanochannels. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 11373-11379	9.5	16
668	Enhanced and Optically Switchable Proton Conductivity in a Melting Coordination Polymer Crystal. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 4976-4981	16.4	54
667	Development of a Porous Coordination Polymer with a High Gas Capacity Using a Thiophene-Based Bent Tetracarboxylate Ligand. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 33455-33460	9.5	25
666	Opening of an Accessible Microporosity in an Otherwise Nonporous Metal-Organic Framework by Polymeric Guests. <i>Journal of the American Chemical Society</i> , 2017 , 139, 7886-7892	16.4	52
665	Enhanced and Optically Switchable Proton Conductivity in a Melting Coordination Polymer Crystal. <i>Angewandte Chemie</i> , 2017 , 129, 5058-5063	3.6	13
664	Enhanced properties of metal-organic framework thin films fabricated via a coordination modulation-controlled layer-by-layer process. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 13665-13673	13	26
663	Hybridization of MOFs and polymers. <i>Chemical Society Reviews</i> , 2017 , 46, 3108-3133	58.5	515
662	Preparation of polythiophene microrods with ordered chain alignment using nanoporous coordination template. <i>Polymer Chemistry</i> , 2017 , 8, 5077-5081	4.9	26
661	Metal-Organic Cuboctahedra for Synthetic Ion Channels with Multiple Conductance States. <i>Chem</i> , 2017 , 2, 393-403	16.2	65
660	Future Porous Materials. <i>Accounts of Chemical Research</i> , 2017 , 50, 514-516	24.3	101
659	Constant Volume Gate-Opening by Freezing Rotational Dynamics in Microporous Organically Pillared Layered Silicates. <i>Journal of the American Chemical Society</i> , 2017 , 139, 904-909	16.4	23
658	Light responsive metal-organic frameworks as controllable CO-releasing cell culture substrates. <i>Chemical Science</i> , 2017 , 8, 2381-2386	9.4	78
657	Liquid porous materials: Unveiling liquid MOFs. <i>Nature Materials</i> , 2017 , 16, 1054-1055	27	18
656	Controllable Modular Growth of Hierarchical MOF-on-MOF Architectures. <i>Angewandte Chemie</i> , 2017 , 129, 15864-15868	3.6	37
655	Controllable Modular Growth of Hierarchical MOF-on-MOF Architectures. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 15658-15662	16.4	136
654	MOFs modeling and theory: general discussion. <i>Faraday Discussions</i> , 2017 , 201, 233-245	3.6	3
653	New directions in gas sorption and separation with MOFs: general discussion. <i>Faraday Discussions</i> , 2017 , 201, 175-194	3.6	6

652	Catalysis in MOFs: general discussion. <i>Faraday Discussions</i> , 2017 , 201, 369-394	3.6	12
651	Catalytic Hydride Transfer to CO Using Ru-NAD-Type Complexes under Electrochemical Conditions. <i>Inorganic Chemistry</i> , 2017 , 56, 11066-11073	5.1	16
650	Synthesis of Oligodiacetylene Derivatives from Flexible Porous Coordination Frameworks. <i>Journal of the American Chemical Society</i> , 2017 , 139, 13876-13881	16.4	6
649	Porosity Distribution Control in Carbon by Tuning the Carbonization Rate in Porous Coordination Polymers. <i>Chemistry Letters</i> , 2017 , 46, 1650-1653	1.7	1
648	Controlled Organization of Anthracene in Porous Coordination Polymers. <i>Chemistry Letters</i> , 2017 , 46, 1705-1707	1.7	9
647	Imidazolium cation transportation in a 1-D coordination polymer. <i>Dalton Transactions</i> , 2017 , 46, 10798-10801	1.9	2
646	Synthesis of Manganese ZIF-8 from [Mn(BH) ₃ THF][NaBH ₄]. <i>Inorganic Chemistry</i> , 2017 , 56, 8744-8747	5.1	27
645	Density Gradation of Open Metal Sites in the Mesospace of Porous Coordination Polymers. <i>Journal of the American Chemical Society</i> , 2017 , 139, 11576-11583	16.4	90
644	Flexible interlocked porous frameworks allow quantitative photoisomerization in a crystalline solid. <i>Nature Communications</i> , 2017 , 8, 100	17.4	60
643	Porous crystalline materials: closing remarks. <i>Faraday Discussions</i> , 2017 , 201, 395-404	3.6	8
642	Characteristic Features of CO ₂ and CO Adsorptions to Paddle-Wheel-type Porous Coordination Polymer. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 19129-19139	3.8	10
641	Enhanced selectivity in mixed matrix membranes for CO ₂ capture through efficient dispersion of amine-functionalized MOF nanoparticles. <i>Nature Energy</i> , 2017 , 2,	62.3	306
640	Cooperative Bond Scission in a Soft Porous Crystal Enables Discriminatory Gate Opening for Ethylene over Ethane. <i>Journal of the American Chemical Society</i> , 2017 , 139, 18313-18321	16.4	47
639	Localized Conversion of Metal-Organic Frameworks into Polymer Gels via Light-Induced Click Chemistry. <i>Chemistry of Materials</i> , 2017 , 29, 5982-5989	9.6	22
638	Fine-tuning optimal porous coordination polymers using functional alkyl groups for CH ₄ purification. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 17874-17880	13	23
637	Anisotropic coordination star polymers realized by self-sorting core modulation. <i>Chemical Communications</i> , 2017 , 53, 8180-8183	5.8	20
636	Water-resistant porous coordination polymers for gas separation. <i>Coordination Chemistry Reviews</i> , 2017 , 332, 48-74	23.2	260
635	Thermal ring-opening polymerization of an unsymmetrical silicon-bridged [1]ferrocenophane in coordination nanochannels. <i>Chemical Communications</i> , 2017 , 53, 6945-6948	5.8	11

634	Rhodium-Organic Cuboctahedra as Porous Solids with Strong Binding Sites. <i>Inorganic Chemistry</i> , 2016 , 55, 10843-10846	5.1	64
633	Regulation of NO Uptake in Flexible Ru Dimer Chain Compounds with Highly Electron Donating Dopants. <i>Inorganic Chemistry</i> , 2016 , 55, 12085-12092	5.1	5
632	Electron Paramagnetic Resonance Study of Guest Molecule-Influenced Magnetism in Kagome Metal-Organic Framework. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 27462-27467	3.8	7
631	Four-Electron Reduction of a New Ruthenium Dicarbonyl Complex Having Two NAD Model Ligands through Decarboxylation in Water. <i>Inorganic Chemistry</i> , 2016 , 55, 11613-11616	5.1	8
630	Photochemical Reduction of Low Concentrations of CO ₂ in a Porous Coordination Polymer with a Ruthenium(II)-CO Complex. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 2697-700	16.4	159
629	Superionic Conduction in Co-Vacant P2-Nax CoO ₂ Created by Hydrogen Reductive Elimination. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 1537-41	4.5	3
628	Encapsulating Mobile Proton Carriers into Structural Defects in Coordination Polymer Crystals: High Anhydrous Proton Conduction and Fuel Cell Application. <i>Journal of the American Chemical Society</i> , 2016 , 138, 8505-11	16.4	116
627	Unraveling Inter- and Intrachain Electronics in Polythiophene Assemblies Mediated by Coordination Nanospaces. <i>Angewandte Chemie</i> , 2016 , 128, 718-723	3.6	8
626	Glass Formation of a Coordination Polymer Crystal for Enhanced Proton Conductivity and Material Flexibility. <i>Angewandte Chemie</i> , 2016 , 128, 5281-5286	3.6	17
625	Unraveling Inter- and Intrachain Electronics in Polythiophene Assemblies Mediated by Coordination Nanospaces. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 708-13	16.4	41
624	The controlled synthesis of polyglucose in one-dimensional coordination nanochannels. <i>Chemical Communications</i> , 2016 , 52, 5156-9	5.8	25
623	Structuralization of Ca(2+)-Based Metal-Organic Frameworks Prepared via Coordination Replication of Calcium Carbonate. <i>Inorganic Chemistry</i> , 2016 , 55, 3700-5	5.1	32
622	An Adsorbate Discriminatory Gate Effect in a Flexible Porous Coordination Polymer for Selective Adsorption of CO ₂ over C ₂ H ₂ . <i>Journal of the American Chemical Society</i> , 2016 , 138, 3022-30	16.4	278
621	Photochemical Properties and Reactivity of a Ru Compound Containing an NAD/NADH-Functionalized 1,10-Phenanthroline Ligand. <i>Inorganic Chemistry</i> , 2016 , 55, 2076-84	5.1	19
620	Particle size effects in the kinetic trapping of a structurally-locked form of a flexible MOF. <i>CrystEngComm</i> , 2016 , 18, 4172-4179	3.3	21
619	Radical Polymerization of Vinyl Monomers in Porous Organic Cages. <i>Angewandte Chemie</i> , 2016 , 128, 6553-6557	3.6	10
618	Glass Formation of a Coordination Polymer Crystal for Enhanced Proton Conductivity and Material Flexibility. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 5195-200	16.4	83
617	Radical Polymerization of Vinyl Monomers in Porous Organic Cages. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 6443-7	16.4	24

- 616 Photochemical Reduction of Low Concentrations of CO₂ in a Porous Coordination Polymer with a Ruthenium(II)IO Complex. *Angewandte Chemie*, **2016**, 128, 2747-2750 3.6 35
- 615 Fast Conduction of Organic Cations in Metal Sulfate Frameworks. *Chemistry of Materials*, **2016**, 28, 3968-3975 17
- 614 Photoactivatable CO release from engineered protein crystals to modulate NF- κ B activation. *Chemical Communications*, **2016**, 52, 4545-8 5.8 24
- 613 Inorganic nanoparticles in porous coordination polymers. *Chemical Society Reviews*, **2016**, 45, 3828-45 58.5 173
- 612 (113)Cd 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, 4166-72 5.1 25
- 611 Crystal engineering of a family of hybrid ultramicroporous materials based upon interpenetration and dichromate linkers. *Chemical Science*, **2016**, 7, 5470-5476 9.4 56
- 610 Metal-Organic Polyhedral Core as a Versatile Scaffold for Divergent and Convergent Star Polymer Synthesis. *Journal of the American Chemical Society*, **2016**, 138, 6525-31 16.4 71
- 609 Crystal Dynamics in Multi-stimuli-Responsive Entangled Metal-Organic Frameworks. *Chemistry - A European Journal*, **2016**, 22, 15864-15873 4.8 39
- 608 Recognition of 1,3-Butadiene by a Porous Coordination Polymer. *Angewandte Chemie*, **2016**, 128, 13988-13992 4.8 24
- 607 Recognition of 1,3-Butadiene by a Porous Coordination Polymer. *Angewandte Chemie - International Edition*, **2016**, 55, 13784-13788 16.4 38
- 606 Nanostructuring of PEDOT in Porous Coordination Polymers for Tunable Porosity and Conductivity. *Journal of the American Chemical Society*, **2016**, 138, 10088-91 16.4 152
- 605 Mechanically stable, hierarchically porous Cu₃(btc)₂ (HKUST-1) monoliths via direct conversion of copper(II) hydroxide-based monoliths. *Chemical Communications*, **2015**, 51, 3511-4 5.8 56
- 604 Remarkable Oxygen Intake/Release of BaYMn₂O₅ Viewed from High-Temperature Crystal Structure. *Journal of Physical Chemistry C*, **2015**, 119, 2356-2363 3.8 16
- 603 Predesign and systematic synthesis of 11 highly porous coordination polymers with unprecedented topology. *Inorganic Chemistry*, **2015**, 54, 1645-9 5.1 17
- 602 Mesoscopic superstructures of flexible porous coordination polymers synthesized coordination replication. *Chemical Science*, **2015**, 6, 5938-5946 9.4 38
- 601 Radical Copolymerization Mediated by Unsaturated Metal Sites in Coordination Nanochannels. *ACS Macro Letters*, **2015**, 4, 788-791 6.6 24
- 600 Mixing of immiscible polymers using nanoporous coordination templates. *Nature Communications*, **2015**, 6, 7473 17.4 50
- 599 Two solvent-dependent porous coordination polymers with OH decorated ligands: unusual non-crystallographic net and fsh topology. *CrystEngComm*, **2015**, 17, 5609-5613 3.3 15

598	Light-induced nitric oxide release from physiologically stable porous coordination polymers. <i>Dalton Transactions</i> , 2015 , 44, 15324-33	4.3	23
597	L-Glutamic acid release from a series of aluminum-based isorecticular porous coordination polymers. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 4205-4212	7.3	10
596	Control of pore distribution of porous carbons derived from Mg ²⁺ porous coordination polymers. <i>Inorganic Chemistry Frontiers</i> , 2015 , 2, 473-476	6.8	15
595	Radical polymerization of 2,3-dimethyl-1,3-butadiene in coordination nanochannels. <i>Chemical Communications</i> , 2015 , 51, 9892-5	5.8	24
594	Confinement of single polysilane chains in coordination nanospaces. <i>Journal of the American Chemical Society</i> , 2015 , 137, 5231-8	16.4	61
593	Control of molecular rotor rotational frequencies in porous coordination polymers using a solid-solution approach. <i>Journal of the American Chemical Society</i> , 2015 , 137, 12183-6	16.4	59
592	Molecular-Level Studies on Dynamic Behavior of Oligomeric Chain Molecules in Porous Coordination Polymers. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 21504-21514	3.8	25
591	A metal carbonyl-protein needle composite designed for intracellular CO delivery to modulate NF- κ B activity. <i>Molecular BioSystems</i> , 2015 , 11, 3111-8		11
590	Hierarchical structuring of metal-organic framework thin-films on quartz crystal microbalance (QCM) substrates for selective adsorption applications. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 23385-23394	13.3	52
589	A Convenient Strategy for Designing a Soft Nanospace: An Atomic Exchange in a Ligand with Isostructural Frameworks. <i>Journal of the American Chemical Society</i> , 2015 , 137, 15825-32	16.4	30
588	Preparation of a cross-linked porous protein crystal containing Ru carbonyl complexes as a CO-releasing extracellular scaffold. <i>Inorganic Chemistry</i> , 2015 , 54, 215-20	5.1	63
587	Dependence of crystal size on the catalytic performance of a porous coordination polymer. <i>Chemical Communications</i> , 2015 , 51, 2728-30	5.8	43
586	Sequential synthesis of coordination polymersomes. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 1139-43	16.4	13
585	Peptide assembly-driven metal-organic framework (MOF) motors for micro electric generators. <i>Advanced Materials</i> , 2015 , 27, 288-91	24	42
584	Synthesis of chiral porous coordination polymer that shows structural transformation induced by guest molecules. <i>Inorganica Chimica Acta</i> , 2015 , 424, 221-225	2.7	3
583	Study on a 2D layer coordination framework showing order-to-disorder phase transition by ionothermal synthesis. <i>Polymer Journal</i> , 2015 , 47, 141-145	2.7	2
582	Reductive coordination replication of V ₂ O ₅ sacrificial macrostructures into vanadium-based porous coordination polymers. <i>CrystEngComm</i> , 2015 , 17, 323-330	3.3	23
581	Design of a CO-releasing Extracellular Scaffold Using in Vivo Protein Crystals. <i>Chemistry Letters</i> , 2015 , 44, 342-344	1.7	20

580	High Removal Efficiency and Regeneration Property of Formaldehyde Capture by Ti ⁴⁺ -based Porous Coordination Polymer. <i>Chemistry Letters</i> , 2015 , 44, 1694-1696	1.7	1
579	Surface Functionalization of Protein Crystals with Carbohydrate Using Site-selective Bioconjugation. <i>Chemistry Letters</i> , 2015 , 44, 29-31	1.7	5
578	Sequential Synthesis of Coordination Polymersomes. <i>Angewandte Chemie</i> , 2015 , 127, 1155-1159	3.6	3
577	High CO /CH Selectivity of a Flexible Copper(II) Porous Coordination Polymer under Humid Conditions. <i>ChemPlusChem</i> , 2015 , 80, 1517-1524	2.8	15
576	Formation of Foam-like Microstructural Carbon Material by Carbonization of Porous Coordination Polymers through a Ligand-Assisted Foaming Process. <i>Chemistry - A European Journal</i> , 2015 , 21, 13278-83	4.8	9
575	Peptide-Metal Organic Framework Swimmers that Direct the Motion toward Chemical Targets. <i>Nano Letters</i> , 2015 , 15, 4019-23	11.5	58
574	Coordination nano-space as stage of hydrogen ortho-para conversion. <i>Royal Society Open Science</i> , 2015 , 2, 150006	3.3	25
573	Protein Needles as Molecular Templates for Artificial Metalloenzymes. <i>Israel Journal of Chemistry</i> , 2015 , 55, 40-50	3.4	9
572	Porous coordination polymers with ubiquitous and biocompatible metals and a neutral bridging ligand. <i>Nature Communications</i> , 2015 , 6, 5851	17.4	78
571	Reversible solid-to-liquid phase transition of coordination polymer crystals. <i>Journal of the American Chemical Society</i> , 2015 , 137, 864-70	16.4	124
570	High CO ₂ /N ₂ /O ₂ /CO separation in a chemically robust porous coordination polymer with low binding energy. <i>Chemical Science</i> , 2014 , 5, 660-666	9.4	166
569	Template-directed proton conduction pathways in a coordination framework. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 10404-10409	13	35
568	A crystalline porous coordination polymer decorated with nitroxyl radicals catalyzes aerobic oxidation of alcohols. <i>Journal of the American Chemical Society</i> , 2014 , 136, 7543-6	16.4	91
567	Highly proton conductive nanoporous coordination polymers with sulfonic acid groups on the pore surface. <i>Chemical Communications</i> , 2014 , 50, 1144-6	5.8	110
566	Using functional nano- and microparticles for the preparation of metal-organic framework composites with novel properties. <i>Accounts of Chemical Research</i> , 2014 , 47, 396-405	24.3	230
565	Functional Hybrid Porous Coordination Polymers. <i>Chemistry of Materials</i> , 2014 , 26, 310-322	9.6	323
564	A porous coordination polymer with a reactive diiron paddlewheel unit. <i>Chemical Communications</i> , 2014 , 50, 2292-4	5.8	18
563	Self-accelerating CO sorption in a soft nanoporous crystal. <i>Science</i> , 2014 , 343, 167-70	33.3	371

562	Preparations and structural diversity of copper(I) ethylene adducts with related 3,6-bis(2-pyridyl)-1,2,4,5-tetrazine ligands. <i>Inorganica Chimica Acta</i> , 2014 , 410, 46-53	2.7	15
561	Selective generation of formamides through photocatalytic CO ₂ reduction catalyzed by ruthenium carbonyl compounds. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 11813-7	16.4	46
560	Pressure-induced amorphization of a dense coordination polymer and its impact on proton conductivity. <i>APL Materials</i> , 2014 , 2, 124401	5.7	16
559	Guest modulation of spin-crossover transition temperature in a porous iron(II) metal-organic framework: experimental and periodic DFT studies. <i>Chemistry - A European Journal</i> , 2014 , 20, 12864-73	4.8	46
558	Plasma membrane translocation of a protein needle based on a triple-stranded α -helix motif. <i>Molecular BioSystems</i> , 2014 , 10, 2677-83		8
557	Controlled Cyclopolymerization of Difunctional Vinyl Monomers in Coordination Nanochannels. <i>Macromolecules</i> , 2014 , 47, 7321-7326	5.5	25
556	The densely fluorinated nanospace of a porous coordination polymer composed of perfluorobutyl-functionalized ligands. <i>Chemical Communications</i> , 2014 , 50, 10861-3	5.8	15
555	Does functionalisation enhance CO ₂ uptake in interpenetrated MOFs? An examination of the IRMOF-9 series. <i>Chemical Communications</i> , 2014 , 50, 3238-41	5.8	55
554	Amine-responsive adaptable nanospaces: fluorescent porous coordination polymer for molecular recognition. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 11772-7	16.4	153
553	Diffusion-coupled molecular assembly: structuring of coordination polymers across multiple length scales. <i>Journal of the American Chemical Society</i> , 2014 , 136, 14966-73	16.4	43
552	Confined synthesis of CdSe quantum dots in the pores of metal-organic frameworks. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 7173-7175	7.1	29
551	Impact of crystal orientation on the adsorption kinetics of a porous coordination polymer-quartz crystal microbalance hybrid sensor. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 3336	7.1	32
550	Order-to-disorder structural transformation of a coordination polymer and its influence on proton conduction. <i>Chemical Communications</i> , 2014 , 50, 10241-3	5.8	69
549	Design of Superhydrophobic Porous Coordination Polymers through the Introduction of External Surface Corrugation by the Use of an Aromatic Hydrocarbon Building Unit. <i>Angewandte Chemie</i> , 2014 , 126, 8364-8369	3.6	32
548	Enhanced phosphorescence emission by incorporating aromatic halides into an entangled coordination framework based on naphthalenediimide. <i>ChemPhysChem</i> , 2014 , 15, 2517-21	3.2	16
547	Design of superhydrophobic porous coordination polymers through the introduction of external surface corrugation by the use of an aromatic hydrocarbon building unit. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 8225-30	16.4	96
546	Structural optimization of interpenetrated pillared-layer coordination polymers for ethylene/ethane separation. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 1643-7	4.5	11
545	Structuring of metal-organic frameworks at the mesoscopic/macroscopic scale. <i>Chemical Society Reviews</i> , 2014 , 43, 5700-34	58.5	634

544	Trapping of a spatial transient state during the framework transformation of a porous coordination polymer. <i>Journal of the American Chemical Society</i> , 2014 , 136, 4938-44	16.4	21
543	Catalytic glucose isomerization by porous coordination polymers with open metal sites. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 2772-7	4.5	49
542	Synthesis and porous properties of chromium azolate porous coordination polymers. <i>Inorganic Chemistry</i> , 2014 , 53, 9870-5	5.1	21
541	Sol-gel synthesis of nanosized titanium oxide in a porous coordination polymer. <i>Microporous and Mesoporous Materials</i> , 2014 , 195, 31-35	5.3	7
540	Microporous structures having phenylene fin: Significance of substituent groups for rotational linkers in coordination polymers. <i>Microporous and Mesoporous Materials</i> , 2014 , 189, 83-90	5.3	7
539	DRIFT and Theoretical Studies of Ethylene/Ethane Separation on Flexible and Microporous [Cu ₂ (2,3-pyrazinedicarboxylate) ₂ (pyrazine)] _n . <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 2747-2752 ²⁰	2.3	20
538	Fibrous Architectures of Porous Coordination Polymers/Alumina Composites Fabricated by Coordination Replication. <i>Chemistry Letters</i> , 2014 , 43, 1052-1054	1.7	15
537	Intracellular Protein Delivery System with Protein Needle-DFP Construct. <i>Chemistry Letters</i> , 2014 , 43, 1505-1507	1.7	7
536	Fabrication of Ceria Nanoparticles Incorporated in Porous Coordination Polymer. <i>Chemistry Letters</i> , 2014 , 43, 1749-1751	1.7	6
535	Coordination Programming in the Design of Porous Coordination Polymers: Tuning of the Electronic Activity of Frameworks for Selective Nitrogen Monoxide Trapping. <i>Chemistry Letters</i> , 2014 , 43, 890-892	1.7	7
534	Metal-Organic Frameworks: Coordination Polymer Nanoparticles and Macrostructures 2014 , 1-16		
533	Terahertz phase contrast imaging of sorption kinetics in porous coordination polymer nanocrystals using differential optical resonator. <i>Optics Express</i> , 2014 , 22, 11061-9	3.3	3
532	Amine-Responsive Adaptable Nanospaces: Fluorescent Porous Coordination Polymer for Molecular Recognition. <i>Angewandte Chemie</i> , 2014 , 126, 11966-11971	3.6	26
531	Porous protein crystals as catalytic vessels for organometallic complexes. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 1373-8	4.5	37
530	One-dimensional alignment of strong Lewis acid sites in a porous coordination polymer. <i>Chemical Communications</i> , 2013 , 49, 10459-61	5.8	37
529	Controlled Synthesis of Anisotropic Polymer Particles Templated by Porous Coordination Polymers. <i>Chemistry of Materials</i> , 2013 , 25, 3772-3776	9.6	48
528	In situ generation of functionality in a reactive haloalkane-based ligand for the design of new porous coordination polymers. <i>Inorganic Chemistry</i> , 2013 , 52, 10735-7	5.1	37
527	Combining UV lithography and an imprinting technique for patterning metal-organic frameworks. <i>Advanced Materials</i> , 2013 , 25, 4701-5	24	84

526	High CO ₂ /CH ₄ and C ₂ Hydrocarbons/CH ₄ Selectivity in a Chemically Robust Porous Coordination Polymer. <i>Advanced Functional Materials</i> , 2013 , 23, 3525-3530	15.6	157
525	Terminology of metal-organic frameworks and coordination polymers (IUPAC Recommendations 2013). <i>Pure and Applied Chemistry</i> , 2013 , 85, 1715-1724	2.1	743
524	Fe ²⁺ -based layered porous coordination polymers and soft encapsulation of guests via redox activity. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 3675	13	29
523	Guest responsivity of a two-dimensional coordination polymer incorporating a cholesterol-based co-ligand. <i>Dalton Transactions</i> , 2013 , 42, 15893-7	4.3	4
522	Siloxane D4 capture by hydrophobic microporous materials. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 7885	13	23
521	CO ₂ superabsorption in a paddlewheel-type Ru dimer chain compound: gate-open performance dependent on inter-chain interactions. <i>Chemical Communications</i> , 2013 , 49, 1594-6	5.8	22
520	Modulation of Spin-Crossover Behavior in an Elongated and Flexible Hofmann-Type Porous Coordination Polymer. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2013 , 23, 104-110 ^{3,2}	3.2	29
519	Shape-memory nanopores induced in coordination frameworks by crystal downsizing. <i>Science</i> , 2013 , 339, 193-6	33.3	397
518	Highly selective CO ₂ adsorption accompanied with low-energy regeneration in a two-dimensional Cu(II) porous coordination polymer with inorganic fluorinated PF ₆ ⁽⁻⁾ anions. <i>Inorganic Chemistry</i> , 2013 , 52, 280-5	5.1	59
517	Inorganic Design of Protein Assemblies as Supramolecular Platforms. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2013 , 23, 50-60	3.2	2
516	Binary Janus Porous Coordination Polymer Coatings for Sensor Devices with Tunable Analyte Affinity. <i>Angewandte Chemie</i> , 2013 , 125, 359-363	3.6	32
515	Binary Janus porous coordination polymer coatings for sensor devices with tunable analyte affinity. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 341-5	16.4	116
514	Coordination pillared layers using a dinuclear Mn(V) complex as a secondary building unit. <i>Polyhedron</i> , 2013 , 52, 591-597	2.7	14
513	Highly ordered alignment of a vinyl polymer by host-guest cross-polymerization. <i>Nature Chemistry</i> , 2013 , 5, 335-41	17.6	152
512	Highly symmetric 3D ferrimagnets, [Mn(dien)] ₃ [M(CN) ₆] ₂ ·2H ₂ O (M = Cr, Mn; dien = diethylenetriamine): Synthesis, structures and magnetic properties. <i>Polyhedron</i> , 2013 , 64, 122-127	2.7	3
511	pH-Dependent Interpenetrated, Polymorphic, Cd ²⁺ - and BTB-based Porous Coordination Polymers with Open Metal Sites. <i>Crystal Growth and Design</i> , 2013 , 13, 981-985	3.5	59
510	Synthesis, structures and adsorption properties of two new magnesium coordination polymers. <i>Solid State Sciences</i> , 2013 , 16, 29-33	3.4	6
509	Postsynthesis modification of a porous coordination polymer by LiCl To enhance H ⁺ transport. <i>Journal of the American Chemical Society</i> , 2013 , 135, 4612-5	16.4	67

508	Modulation of the Interlayer Structures and Magnetic Behavior of 2D Spin-Crossover Coordination Polymers [FeII(L)2PtII(CN)4]. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 738-744	2.3	31
507	Absorption of CO ₂ and CS ₂ into the Hofmann-type porous coordination polymer: electrostatic versus dispersion interactions. <i>Journal of the American Chemical Society</i> , 2013 , 135, 4840-9	16.4	63
506	Pore design of two-dimensional coordination polymers toward selective adsorption. <i>Inorganic Chemistry</i> , 2013 , 52, 3634-42	5.1	83
505	Soft 2D Layer Porous Coordination Polymers with 1,2-Di(4-pyridyl)ethane. <i>Australian Journal of Chemistry</i> , 2013 , 66, 464	1.2	3
504	Programmed crystallization via epitaxial growth and ligand replacement towards hybridizing porous coordination polymer crystals. <i>Dalton Transactions</i> , 2013 , 42, 15868-72	4.3	24
503	Tuning the Dimensionality of Inorganic Connectivity in Barium Coordination Polymers via Biphenyl Carboxylic Acid Ligands. <i>Crystal Growth and Design</i> , 2013 , 13, 2965-2972	3.5	43
502	Integration of porous coordination polymers and gold nanorods into core-shell mesoscopic composites toward light-induced molecular release. <i>Journal of the American Chemical Society</i> , 2013 , 135, 10998-1005	16.4	151
501	Structural diversity among copper(I) ethylene adducts of 3,6-bis(2-pyridyl)-1,2,4,5-tetrazine. <i>Dalton Transactions</i> , 2013 , 42, 4258-66	4.3	23
500	Ion conductivity and transport by porous coordination polymers and metal-organic frameworks. <i>Accounts of Chemical Research</i> , 2013 , 46, 2376-84	24.3	644
499	A family of rare earth porous coordination polymers with different flexibility for CO ₂ /C ₂ H ₄ and CO ₂ /C ₂ H ₆ separation. <i>Inorganic Chemistry</i> , 2013 , 52, 8244-9	5.1	59
498	Integration of intrinsic proton conduction and guest-accessible nanospace into a coordination polymer. <i>Journal of the American Chemical Society</i> , 2013 , 135, 11345-50	16.4	99
497	Selective NO trapping in the pores of chain-type complex assemblies based on electronically activated paddlewheel-type [Ru ₂ (II,II)]/[Rh ₂ (II,II)] dimers. <i>Journal of the American Chemical Society</i> , 2013 , 135, 18469-80	16.4	38
496	Impact of molecular clustering inside nanopores on desorption processes. <i>Journal of the American Chemical Society</i> , 2013 , 135, 4608-11	16.4	21
495	Reversible chemisorption of sulfur dioxide in a spin crossover porous coordination polymer. <i>Inorganic Chemistry</i> , 2013 , 52, 12777-83	5.1	61
494	Host-Guest Metal-Organic Frameworks for Photonics. <i>Structure and Bonding</i> , 2013 , 167-186	0.9	5
493	Spin-Dependent Molecular Orientation of O ₂ Dimer Formed in the Nanoporous Coordination Polymer. <i>Journal of the Physical Society of Japan</i> , 2013 , 82, 084703	1.5	8
492	Localized cell stimulation by nitric oxide using a photoactive porous coordination polymer platform. <i>Nature Communications</i> , 2013 , 4, 2684	17.4	109
491	Control over Flexibility of Entangled Porous Coordination Frameworks by Molecular and Mesoscopic Chemistries. <i>Chemistry Letters</i> , 2013 , 42, 570-576	1.7	47

490	Controlled Encapsulation of Photoresponsive Macromolecules in Porous Coordination Polymer. <i>Chemistry Letters</i> , 2013 , 42, 222-223	1.7	12
489	Effect of functional groups in MIL-101 on water sorption behavior. <i>Microporous and Mesoporous Materials</i> , 2012 , 157, 89-93	5.3	210
488	Synthesis of Prussian blue nanoparticles with a hollow interior by controlled chemical etching. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 984-8	16.4	335
487	Formation of Nanocrystals of a Zinc Pillared-layer Porous Coordination Polymer Using Microwave-assisted Coordination Modulation. <i>Chemistry Letters</i> , 2012 , 41, 1436-1438	1.7	12
486	Synthesis and Adsorption Properties of Azulene-containing Porous Interdigitated Framework. <i>Chemistry Letters</i> , 2012 , 41, 425-426	1.7	9
485	Study of Argon Gas Adsorption in Ordered Mesoporous MFI Zeolite Framework. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 25300-25308	3.8	15
484	Autonomous motors of a metal-organic framework powered by reorganization of self-assembled peptides at interfaces. <i>Nature Materials</i> , 2012 , 11, 1081-5	27	169
483	Behavior of Binary Guests in a Porous Coordination Polymer. <i>Chemistry of Materials</i> , 2012 , 24, 4744-4749	3.6	26
482	Charge Transfer and Exciplex Emissions from a Naphthalenediimide-Entangled Coordination Framework Accommodating Various Aromatic Guests. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 26084-26090	3.8	50
481	Semi-synthesis of an artificial scandium(III) enzyme with a helical bio-nanotube. <i>Dalton Transactions</i> , 2012 , 41, 11424-7	4.3	20
480	Reversible solid-state hydration and dehydration process involving anion transfer in a self-assembled Cu ₂ system. <i>RSC Advances</i> , 2012 , 2, 12169	3.7	7
479	Topological difference in 2D layers steers the formation of rigid and flexible 3D supramolecular isomers: impact on the adsorption properties. <i>Inorganic Chemistry</i> , 2012 , 51, 9141-3	5.1	36
478	Enhanced bistability by guest inclusion in Fe(II) spin crossover porous coordination polymers. <i>Chemical Communications</i> , 2012 , 48, 4686-8	5.8	95
477	Systematic mechanochemical preparation of a series of coordination pillared layer frameworks. <i>Dalton Transactions</i> , 2012 , 41, 3956-61	4.3	69
476	Photochemical cycloaddition on the pore surface of a porous coordination polymer impacts the sorption behavior. <i>Chemical Communications</i> , 2012 , 48, 7919-21	5.8	64
475	Structural controls of 2D sheet copper(I) ethylene and carbonyl coordination polymers directed by anions and solvents. <i>CrystEngComm</i> , 2012 , 14, 5955	3.3	11
474	A switchable molecular rotator: neutron spectroscopy study on a polymeric spin-crossover compound. <i>Journal of the American Chemical Society</i> , 2012 , 134, 5083-9	16.4	103
473	Dense coordination network capable of selective CO ₂ capture from C ₁ and C ₂ hydrocarbons. <i>Journal of the American Chemical Society</i> , 2012 , 134, 9852-5	16.4	76

472	Investigation of post-grafted groups of a porous coordination polymer and its proton conduction behavior. <i>Dalton Transactions</i> , 2012 , 41, 13261-3	4.3	28
471	Inclusion and dielectric properties of a vinylidene fluoride oligomer in coordination nanochannels. <i>Dalton Transactions</i> , 2012 , 41, 4195-8	4.3	16
470	A soft copper(II) porous coordination polymer with unprecedented aqua bridge and selective adsorption properties. <i>Chemistry - A European Journal</i> , 2012 , 18, 13117-25	4.8	62
469	Ligand-based solid solution approach to stabilisation of sulphonic acid groups in porous coordination polymer Zr ₆ O ₄ (OH) ₄ (BDC) ₆ (UiO-66). <i>Dalton Transactions</i> , 2012 , 41, 13791-4	4.3	141
468	Inherent proton conduction in a 2D coordination framework. <i>Journal of the American Chemical Society</i> , 2012 , 134, 12780-5	16.4	216
467	Guest-to-host transmission of structural changes for stimuli-responsive adsorption property. <i>Journal of the American Chemical Society</i> , 2012 , 134, 4501-4	16.4	276
466	Direct carbonization of Al-based porous coordination polymer for synthesis of nanoporous carbon. <i>Journal of the American Chemical Society</i> , 2012 , 134, 2864-7	16.4	538
465	Redox reaction in two-dimensional porous coordination polymers based on ferrocenedicarboxylates. <i>Dalton Transactions</i> , 2012 , 41, 3924-7	4.3	45
464	Framework dimensionality of copper(I) coordination polymers of 4,4'-bipyrimidine controlled by anions and solvents. <i>CrystEngComm</i> , 2012 , 14, 1345-1353	3.3	24
463	Coordination-network-based ionic plastic crystal for anhydrous proton conductivity. <i>Journal of the American Chemical Society</i> , 2012 , 134, 7612-5	16.4	198
462	Porous protein crystals as reaction vessels for controlling magnetic properties of nanoparticles. <i>Small</i> , 2012 , 8, 1314-9	11	47
461	Crystal morphology-directed framework orientation in porous coordination polymer films and freestanding membranes via Langmuir-Blodgett. <i>Journal of Materials Chemistry</i> , 2012 , 22, 10159		65
460	Coordination polymers, metal-organic frameworks and the need for terminology guidelines. <i>CrystEngComm</i> , 2012 , 14, 3001	3.3	392
459	Selective CO ₂ uptake and inverse CO ₂ /C ₂ H ₂ selectivity in a dynamic bifunctional metal-organic framework. <i>Chemical Science</i> , 2012 , 3, 2993	9.4	104
458	Highly rigid and stable porous Cu(I) metal-organic framework with reversible single-crystal-to-single-crystal structural transformation. <i>CrystEngComm</i> , 2012 , 14, 4153	3.3	15
457	Highly photoconducting π -stacked polymer accommodated in coordination nanochannels. <i>Journal of the American Chemical Society</i> , 2012 , 134, 8360-3	16.4	92
456	Targeted functionalisation of a hierarchically-structured porous coordination polymer crystal enhances its entire function. <i>Chemical Communications</i> , 2012 , 48, 6472-4	5.8	45
455	A solid solution approach to 2D coordination polymers for CH ₄ /CO ₂ and CH ₄ /C ₂ H ₆ gas separation: equilibrium and kinetic studies. <i>Chemical Science</i> , 2012 , 3, 116-120	9.4	126

454	Modular design of domain assembly in porous coordination polymer crystals via reactivity-directed crystallization process. <i>Journal of the American Chemical Society</i> , 2012 , 134, 13341-7	16.4	87
453	Synthesis of Prussian Blue Nanoparticles with a Hollow Interior by Controlled Chemical Etching. <i>Angewandte Chemie</i> , 2012 , 124, 1008-1012	3.6	85
452	An Alkaline Earth I3O0 Porous Coordination Polymer: [Ba ₂ TMA(NO ₃)(DMF)]. <i>Angewandte Chemie</i> , 2012 , 124, 6211-6215	3.6	7
451	Design of Flexible Lewis Acidic Sites in Porous Coordination Polymers by using the Viologen Moiety. <i>Angewandte Chemie</i> , 2012 , 124, 8494-8497	3.6	20
450	An alkaline earth I3O0 porous coordination polymer: [Ba ₂ TMA(NO ₃)(DMF)]. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 6107-11	16.4	83
449	Design of flexible Lewis acidic sites in porous coordination polymers by using the viologen moiety. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 8369-72	16.4	67
448	A stand-alone mesoporous crystal structure model from in situ X-ray diffraction: nitrogen adsorption on 3D cage-like mesoporous silica SBA-16. <i>Chemistry - A European Journal</i> , 2012 , 18, 10300-11	4.8	18
447	Sequestering aromatic molecules with a spin-crossover Fe(II) microporous coordination polymer. <i>Chemistry - A European Journal</i> , 2012 , 18, 8013-8	4.8	66
446	Mesoscopic architectures of porous coordination polymers fabricated by pseudomorphic replication. <i>Nature Materials</i> , 2012 , 11, 717-23	27	307
445	Water adsorption/desorption property of stable porous supramolecular assembly composed of discrete tetranuclear iron(III) complex using π - π interactions. <i>Inorganica Chimica Acta</i> , 2012 , 386, 122-128	2.7	5
444	Polymerization in Confined Geometries 2012 , 1011-1026		1
443	Liquid phase separation of polyaromatics on [Cu ₂ (BDC) ₂ (dabco)]. <i>Langmuir</i> , 2011 , 27, 9083-7	4	19
442	Control of the charge-transfer interaction between a flexible porous coordination host and aromatic guests by framework isomerism. <i>CrystEngComm</i> , 2011 , 13, 3360	3.3	45
441	Gas detection by structural variations of fluorescent guest molecules in a flexible porous coordination polymer. <i>Nature Materials</i> , 2011 , 10, 787-93	27	351
440	Design of Porous Coordination Polymers/Metal-Organic Frameworks: Past, Present and Future 2011 , 1-21		6
439	Effects of Unsaturated Metal Sites on Radical Vinyl Polymerization in Coordination Nanochannels. <i>Macromolecules</i> , 2011 , 44, 2693-2697	5.5	36
438	Morphology design of porous coordination polymer crystals by coordination modulation. <i>Journal of the American Chemical Society</i> , 2011 , 133, 15506-13	16.4	326
437	Incorporation of organometallic Ru complexes into apo-ferritin cage. <i>Dalton Transactions</i> , 2011 , 40, 2190-5	4.5	58

436	Definite coordination arrangement of organometallic palladium complexes accumulated on the designed interior surface of apo-ferritin. <i>Chemical Communications</i> , 2011 , 47, 170-2	5.8	30
435	Porous coordination polymer hybrid device with quartz oscillator: effect of crystal size on sorption kinetics. <i>Journal of the American Chemical Society</i> , 2011 , 133, 11932-5	16.4	88
434	Impact of metal-ion dependence on the porous and electronic properties of TCNQ-dianion-based porous coordination polymers. <i>Inorganic Chemistry</i> , 2011 , 50, 172-7	5.1	49
433	Molecular decoding using luminescence from an entangled porous framework. <i>Nature Communications</i> , 2011 , 2, 168	17.4	634
432	End-functionalization of a vinylidene fluoride oligomer in coordination nanochannels. <i>Journal of Materials Chemistry</i> , 2011 , 21, 8021		7
431	Synthesis and characterization of a 1-D porous barium carboxylate coordination polymer, [Ba(HBTB)] (H3BTB = benzene-1,3,5-trisbenzoic acid). <i>Inorganic Chemistry</i> , 2011 , 50, 11853-5	5.1	39
430	Incarceration of Nanosized Silica into Porous Coordination Polymers: Preparation, Characterization, and Adsorption Property. <i>Chemistry of Materials</i> , 2011 , 23, 1736-1741	9.6	25
429	Preparation of Porous Cobalt(II) 1,3,5-Benzenetricarboxylates: Product Dependence on the Reaction Solvent and Additive. <i>Chemistry Letters</i> , 2011 , 40, 656-657	1.7	5
428	Theoretical study on high-spin to low-spin transition of {Fe(pyrazine)[Pt(CN)4]}: Guest-induced entropy decrease. <i>Chemical Physics Letters</i> , 2011 , 511, 399-404	2.5	22
427	Soft porous crystal meets TCNQ: charge transfer-type porous coordination polymers. <i>Journal of Materials Chemistry</i> , 2011 , 21, 5537		53
426	Soft secondary building unit: dynamic bond rearrangement on multinuclear core of porous coordination polymers in gas media. <i>Journal of the American Chemical Society</i> , 2011 , 133, 9005-13	16.4	160
425	Precise control and consecutive modulation of spin transition temperature using chemical migration in porous coordination polymers. <i>Journal of the American Chemical Society</i> , 2011 , 133, 8600-5	16.4	167
424	Cellulose hydrolysis by a new porous coordination polymer decorated with sulfonic acid functional groups. <i>Advanced Materials</i> , 2011 , 23, 3294-7	24	258
423	Post-Crystal Engineering of Zinc-Substituted Myoglobin to Construct a Long-Lived Photoinduced Charge-Separation System. <i>Angewandte Chemie</i> , 2011 , 123, 4951-4954	3.6	10
422	Sequential Functionalization of Porous Coordination Polymer Crystals. <i>Angewandte Chemie</i> , 2011 , 123, 8207-8211	3.6	21
421	Confinement of Mobile Histamine in Coordination Nanochannels for Fast Proton Transfer. <i>Angewandte Chemie</i> , 2011 , 123, 11910-11913	3.6	51
420	Post-crystal engineering of zinc-substituted myoglobin to construct a long-lived photoinduced charge-separation system. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 4849-52	16.4	42
419	Sequential functionalization of porous coordination polymer crystals. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 8057-61	16.4	157

4 ¹⁸	Confinement of mobile histamine in coordination nanochannels for fast proton transfer. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 11706-9	16.4	211
4 ¹⁷	Relationship between channel and sorption properties in coordination polymers with interdigitated structures. <i>Chemistry - A European Journal</i> , 2011 , 17, 5138-44	4.8	71
4 ¹⁶	Differences of crystal structure and dynamics between a soft porous nanocrystal and a bulk crystal. <i>Chemical Communications</i> , 2011 , 47, 7632-4	5.8	52
4 ¹⁵	Dual modification of a triple-stranded α -helix nanotube with Ru and Re metal complexes to promote photocatalytic reduction of CO ₂ . <i>Chemical Communications</i> , 2011 , 47, 2074-6	5.8	32
4 ¹⁴	A pillared-bilayer porous coordination polymer with a 1D channel and a 2D interlayer space, showing unique gas and vapor sorption. <i>Chemical Communications</i> , 2011 , 47, 8106-8	5.8	89
4 ¹³	Thermodynamically controlled coordination-engineering of novel 2D cadmium thiolate coordination polymers. <i>New Journal of Chemistry</i> , 2011 , 35, 1265	3.6	7
4 ¹²	Inclusion and dynamics of a polymer-Li salt complex in coordination nanochannels. <i>Chemical Communications</i> , 2011 , 47, 1722-4	5.8	41
4 ¹¹	Preparation of Microporous Carbon Fibers through Carbonization of Al-Based Porous Coordination Polymer (Al-PCP) with Furfuryl Alcohol. <i>Chemistry of Materials</i> , 2011 , 23, 1225-1231	9.6	218
4 ¹⁰	Direct synthesis of nanoporous carbon nitride fibers using Al-based porous coordination polymers (Al-PCPs). <i>Chemical Communications</i> , 2011 , 47, 8124-6	5.8	137
4 ⁰⁹	Chromic behaviors of hexagonal columnar liquid crystalline platinum complexes with catecholato, 2-thiophenolato, and benzenedithiolato. <i>Inorganic Chemistry</i> , 2011 , 50, 4279-88	5.1	29
4 ⁰⁸	Rapid preparation of flexible porous coordination polymer nanocrystals with accelerated guest adsorption kinetics. <i>Nature Chemistry</i> , 2010 , 2, 410-6	17.6	308
4 ⁰⁷	Selective sorption of oxygen and nitric oxide by an electron-donating flexible porous coordination polymer. <i>Nature Chemistry</i> , 2010 , 2, 633-7	17.6	277
4 ⁰⁶	Photoactivation of a nanoporous crystal for on-demand guest trapping and conversion. <i>Nature Materials</i> , 2010 , 9, 661-6	27	171
4 ⁰⁵	Unveiling thermal transitions of polymers in subnanometre pores. <i>Nature Communications</i> , 2010 , 1, 83	17.4	164
4 ⁰⁴	One-dimensional imidazole aggregate in aluminium porous coordination polymers with high proton conductivity 2010 , 232-237		4
4 ⁰³	Chemistry of porous coordination polymers having multimodal nanospace and their multimodal functionality. <i>Journal of Nanoscience and Nanotechnology</i> , 2010 , 10, 3-20	1.3	25
4 ⁰²	Control over the nucleation process determines the framework topology of porous coordination polymers. <i>CrystEngComm</i> , 2010 , 12, 2350	3.3	50
4 ⁰¹	Guest-responsive porous magnetic frameworks using polycyanometallates. <i>CrystEngComm</i> , 2010 , 12, 159-165	3.3	44

400	Periodic molecular boxes in entangled enantiomorphic lcy nets. <i>Chemical Communications</i> , 2010 , 46, 4142-4	5.8	25
399	Enhanced selectivity of CO ₂ from a ternary gas mixture in an interdigitated porous framework. <i>Chemical Communications</i> , 2010 , 46, 4258-60	5.8	101
398	Flexibility of Porous Coordination Polymers Strongly Linked to Selective Sorption Mechanism. <i>Chemistry of Materials</i> , 2010 , 22, 4129-4131	9.6	36
397	MetalOrganic Frameworks (MOFs) and Coordination Polymers 2010 , 235-269		10
396	Exceptional thermal stability in a supramolecular organic framework: porosity and gas storage. <i>Journal of the American Chemical Society</i> , 2010 , 132, 14457-69	16.4	281
395	Controlled Multiscale Synthesis of Porous Coordination Polymer in Nano/Micro Regimes. <i>Chemistry of Materials</i> , 2010 , 22, 4531-4538	9.6	393
394	Mechanism of accumulation and incorporation of organometallic Pd complexes into the protein nanocage of apo-ferritin. <i>Inorganic Chemistry</i> , 2010 , 49, 6967-73	5.1	38
393	Temperature responsive channel uniformity impacts on highly guest-selective adsorption in a porous coordination polymer. <i>Chemical Science</i> , 2010 , 1, 315	9.4	82
392	Surface Pore Engineering of Porous Coordination Polymers 2010 , 165-192		2
391	Functionalization of coordination nanochannels for controlling tacticity in radical vinyl polymerization. <i>Journal of the American Chemical Society</i> , 2010 , 132, 4917-24	16.4	99
390	Modification of flexible part in Cu(2+) interdigitated framework for CH(4)/CO(2) separation. <i>Chemical Communications</i> , 2010 , 46, 9229-31	5.8	82
389	Modulable cooperativity in a valence tautomeric complex functionalized with branched alkyl chains. <i>Chemical Communications</i> , 2010 , 46, 3729-31	5.8	16
388	Controlled polymerization by incarceration of monomers in nanochannels. <i>Topics in Current Chemistry</i> , 2010 , 293, 155-73		11
387	The RIKEN Materials Science Beamline at SPring-8: Towards Visualization of Electrostatic Interaction 2010 ,		66
386	Guest-induced Single-crystal-to-single-crystal Transformation in Copper Complexes of 1,3,5-Benzenetricarboxylic Acid and 4,4'-Bipyridine. <i>Chemistry Letters</i> , 2010 , 39, 1186-1187	1.7	2
385	Highly Porous and Stable Coordination Polymers as Water Sorption Materials. <i>Chemistry Letters</i> , 2010 , 39, 360-361	1.7	96
384	Systematic Construction of Porous Coordination Pillared-layer Structures and Their Sorption Properties. <i>Chemistry Letters</i> , 2010 , 39, 218-219	1.7	35
383	Magnetic properties of nitric oxide molecules physisorbed into nano-sized pores of MCM-41. <i>Microporous and Mesoporous Materials</i> , 2010 , 132, 464-469	5.3	7

382	Magnetic Properties and the Arrangement of Molecular Oxygen Adsorbed in the Microporous Coordination Polymer Cd(bpndc)(bpy). <i>Journal of Low Temperature Physics</i> , 2010 , 159, 122-125	1.3	1
381	Solid Solutions of Soft Porous Coordination Polymers: Fine-Tuning of Gas Adsorption Properties. <i>Angewandte Chemie</i> , 2010 , 122, 4930-4934	3.6	55
380	Coordinatively Immobilized Monolayers on Porous Coordination Polymer Crystals. <i>Angewandte Chemie</i> , 2010 , 122, 5455-5458	3.6	30
379	Control of Interpenetration for Tuning Structural Flexibility Influences Sorption Properties. <i>Angewandte Chemie</i> , 2010 , 122, 7826-7830	3.6	38
378	Solid solutions of soft porous coordination polymers: fine-tuning of gas adsorption properties. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 4820-4	16.4	273
377	Coordinatively immobilized monolayers on porous coordination polymer crystals. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 5327-30	16.4	121
376	Control of interpenetration for tuning structural flexibility influences sorption properties. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 7660-4	16.4	173
375	Cover Picture: Solid Solutions of Soft Porous Coordination Polymers: Fine-Tuning of Gas Adsorption Properties (Angew. Chem. Int. Ed. 28/2010). <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 4687-4687	16.4	2
374	Incommensurate guest adsorption in bellows-shaped one-dimensional channels of porous coordination polymers. <i>Microporous and Mesoporous Materials</i> , 2010 , 129, 296-303	5.3	23
373	Construction of robust bio-nanotubes using the controlled self-assembly of component proteins of bacteriophage T4. <i>Small</i> , 2010 , 6, 1873-9	11	34
372	Hindered rotation of methane molecules in the one-dimensional nanochannel of a porous coordination polymer. <i>Journal of Nanoscience and Nanotechnology</i> , 2009 , 9, 69-76	1.3	4
371	Heterogeneously Hybridized Porous Coordination Polymer Crystals: Fabrication of Heterometallic CoreShell Single Crystals with an In-Plane Rotational Epitaxial Relationship. <i>Angewandte Chemie</i> , 2009 , 121, 1798-1802	3.6	65
370	Bidirectional Chemo-Switching of Spin State in a Microporous Framework. <i>Angewandte Chemie</i> , 2009 , 121, 4861-4865	3.6	109
369	A porous coordination polymer with accessible metal sites and its complementary coordination action. <i>Chemistry - A European Journal</i> , 2009 , 15, 4985-9	4.8	49
368	Nanoporous Nanorods Fabricated by Coordination Modulation and Oriented Attachment Growth. <i>Angewandte Chemie</i> , 2009 , 121, 4833-4837	3.6	104
367	Oxidative Addition of Halogens on Open Metal Sites in a Microporous Spin-Crossover Coordination Polymer. <i>Angewandte Chemie</i> , 2009 , 121, 9106-9109	3.6	34
366	Heterogeneously hybridized porous coordination polymer crystals: fabrication of heterometallic core-shell single crystals with an in-plane rotational epitaxial relationship. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 1766-70	16.4	256
365	Bidirectional chemo-switching of spin state in a microporous framework. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 4767-71	16.4	430

364	Nanoporous nanorods fabricated by coordination modulation and oriented attachment growth. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 4739-43	16.4	536
363	Oxidative addition of halogens on open metal sites in a microporous spin-crossover coordination polymer. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 8944-7	16.4	151
362	Allosteric binding of amino alcohols and diamines by dimeric zinc biladienone. <i>Tetrahedron Letters</i> , 2009 , 50, 536-539	2	6
361	Soft porous crystals. <i>Nature Chemistry</i> , 2009 , 1, 695-704	17.6	1800
360	One-dimensional imidazole aggregate in aluminium porous coordination polymers with high proton conductivity. <i>Nature Materials</i> , 2009 , 8, 831-6	27	625
359	Muon spin relaxation studies of critical fluctuations and diffusive spin dynamics in molecular magnets. <i>Physica B: Condensed Matter</i> , 2009 , 404, 585-589	2.8	11
358	Coordination polymers constructed from transition metal ions and organic N-containing heterocyclic ligands: Crystal structures and microporous properties. <i>Progress in Polymer Science</i> , 2009 , 34, 240-279	29.6	142
357	Control of structure dimensionality and functional studies of flexible Cu(II) coordination polymers. <i>Chemistry - an Asian Journal</i> , 2009 , 4, 870-5	4.5	34
356	Polymerization reactions in porous coordination polymers. <i>Chemical Society Reviews</i> , 2009 , 38, 1228-36	58.5	568
355	New heterometallic carboxylate frameworks: synthesis, structure, robustness, flexibility, and porosity. <i>Inorganic Chemistry</i> , 2009 , 48, 7970-6	5.1	27
354	Polymorph-Dependent Molecular Valence Tautomerism Synchronized with Crystal-Melt Phase Transitions. <i>Chemistry of Materials</i> , 2009 , 21, 1980-1988	9.6	27
353	Template Synthesis of Porous Polypyrrole in 3D Coordination Nanochannels. <i>Chemistry of Materials</i> , 2009 , 21, 4096-4098	9.6	81
352	Porous coordination polymer with pyridinium cationic surface, [Zn(2)(tpa)(2)(cpb)]. <i>Journal of the American Chemical Society</i> , 2009 , 131, 10336-7	16.4	108
351	New Interpenetrated Copper Coordination Polymer Frameworks having Porous Properties. <i>Chemistry of Materials</i> , 2009 , 21, 5860-5866	9.6	88
350	Charge-Polarized Coordination Space for H ₂ Adsorption. <i>Chemistry of Materials</i> , 2009 , 21, 1829-1833	9.6	9
349	Selective Gas Adsorption in One-Dimensional, Flexible CuII Coordination Polymers with Polar Units. <i>Chemistry of Materials</i> , 2009 , 21, 3346-3355	9.6	63
348	A pillared-layer coordination polymer with a rotatable pillar acting as a molecular gate for guest molecules. <i>Journal of the American Chemical Society</i> , 2009 , 131, 12792-800	16.4	274
347	Porous Coordination Polymers Towards Gas Technology. <i>Structure and Bonding</i> , 2009 , 96-106	0.9	

346	A block PCP crystal: anisotropic hybridization of porous coordination polymers by face-selective epitaxial growth. <i>Chemical Communications</i> , 2009 , 5097-9	5.8	136
345	Bimodal three-membered valence tautomerism of an alkyl chain-functionalized manganese dioxolene complex. <i>Chemical Communications</i> , 2009 , 4085-7	5.8	12
344	A unique chair-shaped hexanuclear Cu(I) metallamacrocyclic C ₂ H ₄ adduct encapsulating a BF ₄ -anion. <i>Dalton Transactions</i> , 2009 , 415-7	4.3	26
343	Heat Capacity of a Layered Molecule-Based Ferrimagnet [MnII(S-pnH)(H ₂ O)][MnIII(CN) ₆] ₂ H ₂ O. <i>Journal of the Physical Society of Japan</i> , 2009 , 78, 065001	1.5	
342	Porous Coordination Polymers Towards Gas Technology. <i>Structure and Bonding</i> , 2009 , 51-86	0.9	15
341	Porous Coordination Polymers Towards Gas Technology. <i>Structure and Bonding</i> , 2009 , 51-86	0.9	4
340	Radical Polymerization of Vinyl Monomers in Porous Coordination Polymers: Nanochannel Size Effects on Reactivity, Molecular Weight, and Stereostructure. <i>Macromolecules</i> , 2008 , 41, 87-94	5.5	180
339	Binding properties of solvatochromic indicators [Cu(X)(acac)(tmen)] (X = PF ₆ ⁻ and BF ₄ ⁻ , acac = Acetylacetonate, tmen = N,N,N',N'-tetramethylethylenediamine) in solution and the solid state. <i>Inorganic Chemistry</i> , 2008 , 47, 7360-5	5.1	27
338	Chemistry and application of flexible porous coordination polymers. <i>Science and Technology of Advanced Materials</i> , 2008 , 9, 014108	7.1	173
337	Nanochannels of two distinct cross-sections in a porous Al-based coordination polymer. <i>Journal of the American Chemical Society</i> , 2008 , 130, 13664-72	16.4	255
336	Conformation and molecular dynamics of single polystyrene chain confined in coordination nanospace. <i>Journal of the American Chemical Society</i> , 2008 , 130, 6781-8	16.4	119
335	Two- and three-fold interpenetrated metal-organic frameworks from one-pot crystallization. <i>Inorganic Chemistry</i> , 2008 , 47, 7728-33	5.1	77
334	Sol-gel synthesis of low-dimensional silica within coordination nanochannels. <i>Journal of the American Chemical Society</i> , 2008 , 130, 9216-7	16.4	40
333	Pressure response of three-dimensional cyanide-bridged bimetallic magnets. <i>Journal of the American Chemical Society</i> , 2008 , 130, 4475-84	16.4	83
332	Template Effects in Porous Coordination Polymers. <i>Chemistry of Materials</i> , 2008 , 20, 922-931	9.6	176
331	Coordination pillared-layer type compounds having pore surface functionalization by anionic sulfonate groups. <i>Chemical Communications</i> , 2008 , 471-3	5.8	91
330	Molecule-based valence tautomeric bistability synchronized with a macroscopic crystal-melt phase transition. <i>Journal of the American Chemical Society</i> , 2008 , 130, 5515-22	16.4	74
329	Supramolecular isomerism, framework flexibility, unsaturated metal center, and porous property of Ag(I)/Cu(I) 3,3',5,5'-tetramethyl-4,4'-bipyrazolate. <i>Journal of the American Chemical Society</i> , 2008 , 130, 907-17	16.4	313

328	Kagomí-type extra-large microporous solid based on a paddle-wheel Cu ²⁺ dimer. <i>Chemical Communications</i> , 2008 , 4436-8	5.8	33
327	Solvent as structure directing agent for the synthesis of novel coordination frameworks using a tripodal flexible ligand. <i>CrystEngComm</i> , 2008 , 10, 1739	3.3	65
326	Magnetic Excitation in Artificially Designed Oxygen Molecule Magnet. <i>Journal of the Physical Society of Japan</i> , 2008 , 77, 083703	1.5	9
325	Radical Copolymerizations of Vinyl Monomers in a Porous Coordination Polymer. <i>Chemistry Letters</i> , 2008 , 37, 616-617	1.7	25
324	A Homometallic Ferrimagnet Based on Mixed Antiferromagnetic and Ferromagnetic Interactions through Oxamate and Carboxylate Bridges. <i>Chemistry Letters</i> , 2008 , 37, 64-65	1.7	4
323	Interpenetrated three-dimensional MnII/III ferrimagnets, [Mn(4dmap) ₄] ₃ [M(CN) ₆] ₂ ·10 H ₂ O (M=Cr, Mn): structures, magnetic properties, and pressure-responsive magnetic modulation. <i>Chemistry - A European Journal</i> , 2008 , 14, 3481-9	4.8	37
322	Selective gas adsorption and unique structural topology of a highly stable guest-free zeolite-type MOF material with N-rich chiral open channels. <i>Chemistry - A European Journal</i> , 2008 , 14, 2771-6	4.8	353
321	Zipped-up chain-type coordination polymers: unsymmetrical amide-containing ligands inducing beta-sheet or helical structures. kazu-u@yamaguchi-u.ac.jp. <i>Chemistry - A European Journal</i> , 2008 , 14, 9565-76	4.8	42
320	Kinetic gate-opening process in a flexible porous coordination polymer. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 3914-8	16.4	265
319	A dynamic, isocyanurate-functionalized porous coordination polymer. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 3403-6	16.4	149
318	A bistable porous coordination polymer with a bond-switching mechanism showing reversible structural and functional transformations. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 8843-7	16.4	172
317	Fabrication of two-dimensional polymer arrays: template synthesis of polypyrrole between redox-active coordination nanoslits. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 9883-6	16.4	118
316	Ambipolar, Single-Component, Metal/Organic Thin-Film Transistors with High and Balanced Hole and Electron Mobilities. <i>Advanced Materials</i> , 2008 , 20, 3399-3403	24	31
315	Kinetic Gate-Opening Process in a Flexible Porous Coordination Polymer. <i>Angewandte Chemie</i> , 2008 , 120, 3978-3982	3.6	72
314	A Dynamic, Isocyanurate-Functionalized Porous Coordination Polymer. <i>Angewandte Chemie</i> , 2008 , 120, 3451-3454	3.6	26
313	A Bistable Porous Coordination Polymer with a Bond-Switching Mechanism Showing Reversible Structural and Functional Transformations. <i>Angewandte Chemie</i> , 2008 , 120, 8975-8979	3.6	35
312	Fabrication of Two-Dimensional Polymer Arrays: Template Synthesis of Polypyrrole between Redox-Active Coordination Nanoslits. <i>Angewandte Chemie</i> , 2008 , 120, 10031-10034	3.6	26
311	Dynamic torsional motion of a diruthenium complex with four homo-catecholates and first synthesis of a diruthenium complex with mixed-catecholates. <i>Journal of Molecular Structure</i> , 2008 , 890, 303-308	3.4	2

310	Storage and sorption properties of acetylene in jungle-gym-like open frameworks. <i>Chemistry - an Asian Journal</i> , 2008 , 3, 1343-9	4.5	80
309	Studies on Synthesis and Properties of Porous Coordination Polymers. <i>Bulletin of Japan Society of Coordination Chemistry</i> , 2008 , 51, 13-19	0.3	4
308	A redox-active columnar metallomesogen and its cyclic voltammetric responses. <i>Journal of Materials Chemistry</i> , 2007 , 17, 4136		41
307	Bowl-shaped Cu(I) metallamacrocyclic ethylene and carbonyl adducts as structural analogues of organic calixarenes. <i>Chemical Communications</i> , 2007 , 5179-81	5.8	39
306	Selective guest sorption in an interdigitated porous framework with hydrophobic pore surfaces. <i>Chemical Communications</i> , 2007 , 3395-7	5.8	170
305	A Dynamic Microporous Metal-Organic Framework with BCT Zeolite Topology: Construction, Structure, and Adsorption Behavior. <i>Crystal Growth and Design</i> , 2007 , 7, 2286-2289	3.5	52
304	Chemistry of porous coordination polymers. <i>Pure and Applied Chemistry</i> , 2007 , 79, 2155-2177	2.1	128
303	Guest-specific function of a flexible undulating channel in a 7,7,8,8-tetracyano-p-quinodimethane dimer-based porous coordination polymer. <i>Journal of the American Chemical Society</i> , 2007 , 129, 10990-1	16.4	158
302	A flexible porous coordination polymer functionalized by unsaturated metal clusters. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 889-92	16.4	151
301	Topotactic linear radical polymerization of divinylbenzenes in porous coordination polymers. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 4987-90	16.4	108
300	Reversible topochemical transformation of a soft crystal of a coordination polymer. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 7965-8	16.4	192
299	A Flexible Porous Coordination Polymer Functionalized by Unsaturated Metal Clusters. <i>Angewandte Chemie</i> , 2007 , 119, 907-910	3.6	11
298	Topotactic Linear Radical Polymerization of Divinylbenzenes in Porous Coordination Polymers. <i>Angewandte Chemie</i> , 2007 , 119, 5075-5078	3.6	23
297	Reversible Topochemical Transformation of a Soft Crystal of a Coordination Polymer. <i>Angewandte Chemie</i> , 2007 , 119, 8111-8114	3.6	37
296	A unique 2-D hollow sheet structure and magnetic behavior of a cyanide- and triamine-bridged MnII/CrIII ferrimagnet. <i>Polyhedron</i> , 2007 , 26, 2252-2258	2.7	3
295	A flexible interpenetrating coordination framework with a bimodal porous functionality. <i>Nature Materials</i> , 2007 , 6, 142-8	27	701
294	Three-dimensional porous coordination polymer functionalized with amide groups based on tridentate ligand: selective sorption and catalysis. <i>Journal of the American Chemical Society</i> , 2007 , 129, 2607-14	16.4	870
293	Chemistry of coordination space of porous coordination polymers. <i>Coordination Chemistry Reviews</i> , 2007 , 251, 2490-2509	23.2	800

- 292 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 23.2 70
- 291 Captured Molecules in Coordination Frameworks. *MRS Bulletin*, **2007**, 32, 540-543 3.2 14
- 290 Spatial and Surface Design of Porous Coordination Polymers. *Supramolecular Chemistry*, **2007**, 19, 75-78 1.8 27
- 289 Chemistry and application of porous coordination polymers. *Studies in Surface Science and Catalysis*, **2007**, 1983-1990 1.8 13
- 288 Three-dimensional Ferromagnetic Frameworks of Syn/Anti-type Carboxylate-bridged Ni/Co Coordination Polymers. *Chemistry Letters*, **2007**, 36, 1184-1185 1.7 6
- 287 A flexible coordination polymer crystal providing reversible structural and magnetic conversions. *Journal of the American Chemical Society*, **2007**, 129, 13706-12 16.4 199
- 286 Chiral cyanide-bridged Mn(II)Mn(III) ferrimagnets, [Mn(II)(HL)(H₂O)][Mn(III)(CN)₆].2H₂O (L = S- or R-1,2-diaminopropane): syntheses, structures, and magnetic behaviors. *Journal of the American Chemical Society*, **2007**, 129, 248-9 16.4 142
- 285 Anthracene array-type porous coordination polymer with host-guest charge transfer interactions in excited states. *Chemical Communications*, **2007**, 3142-4 5.8 140
- 284 Series of trinuclear NiII/CoII/FeII complexes derived from 2,6-Di(acetoacetyl)pyridine: synthesis, structure, and magnetism. *Inorganic Chemistry*, **2007**, 46, 3492-501 5.1 93
- 283 Reversible water-induced magnetic and structural conversion of a flexible microporous Ni(II)Fe(III) ferromagnet. *Journal of the American Chemical Society*, **2007**, 129, 3496-7 16.4 176
- 282 Nanochannel-promoted polymerization of substituted acetylenes in porous coordination polymers. *Angewandte Chemie - International Edition*, **2006**, 45, 4112-6 16.4 220
- 281 Porous coordination polymer with pi Lewis acidic pore surfaces, {[Cu₃(CN)₃{hat(CN)₃(OEt)₃}.3 THF}_n. *Angewandte Chemie - International Edition*, **2006**, 45, 4628-31 16.4 41
- 280 Metastable sorption state of a metal-organic porous material determined by in situ synchrotron powder diffraction. *Angewandte Chemie - International Edition*, **2006**, 45, 4932-6 16.4 101
- 279 Dynamic motion of building blocks in porous coordination polymers. *Angewandte Chemie - International Edition*, **2006**, 45, 7226-30 16.4 216
- 278 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 2.3 20
- 277 Nanochannel-Promoted Polymerization of Substituted Acetylenes in Porous Coordination Polymers. *Angewandte Chemie*, **2006**, 118, 4218-4222 3.6 43
- 276 Porous Coordination Polymer with pi Lewis Acidic Pore Surfaces, {[Cu₃(CN)₃{hat(CN)₃(OEt)₃}]₃.3 THF}_n. *Angewandte Chemie*, **2006**, 118, 4744-4747 3.6 9
- 275 Metastable Sorption State of a Metal/Organic Porous Material Determined by In Situ Synchrotron Powder Diffraction. *Angewandte Chemie*, **2006**, 118, 5054-5058 3.6 31

274	Dynamic Motion of Building Blocks in Porous Coordination Polymers. <i>Angewandte Chemie</i> , 2006 , 118, 7384-7388	3.6	46
273	Effect of Organic Polymer Additive on Crystallization of Porous Coordination Polymer. <i>Chemistry of Materials</i> , 2006 , 18, 992-995	9.6	75
272	Functionalities of one-dimensional dynamic ultramicropores in nickel(II) coordination polymers. <i>Inorganic Chemistry</i> , 2006 , 45, 8990-7	5.1	26
271	Pore surface engineering of microporous coordination polymers. <i>Chemical Communications</i> , 2006 , 701-7	5.8	413
270	Polytypic phase transition in alkyl chain-functionalized valence tautomeric complexes. <i>Dalton Transactions</i> , 2006 , 1377-82	4.3	19
269	Sandwich-shaped silver(I) metallomacrocycles encapsulating a XF ₆ (²⁻) (X = Si, Ge and Sn) anion. <i>Chemical Communications</i> , 2006 , 2161-3	5.8	26
268	Flexible and shape-selective guest binding at Cu(II) axial sites in 1-dimensional Cu(II)-1,2-bis(4-pyridyl)ethane coordination polymers. <i>Inorganic Chemistry</i> , 2006 , 45, 9290-300	5.1	37
267	Immobilization of sodium ions on the pore surface of a porous coordination polymer. <i>Journal of the American Chemical Society</i> , 2006 , 128, 4222-3	16.4	132
266	A three-dimensional ferromagnet, [Ni(dipn)] ₃ [Cr(CN) ₆] ₂ ·3H ₂ O (dipn = dipropylene triamine), based on a cubic Cr ₈ Ni ₁₂ unit. <i>Inorganic Chemistry</i> , 2006 , 45, 7191-6	5.1	18
265	Hydrogen-bonded porous coordination polymers: structural transformation, sorption properties, and particle size from kinetic studies. <i>Journal of the American Chemical Society</i> , 2006 , 128, 16122-30	16.4	102
264	Polynuclear Core-Based Nickel 1,4-Cyclohexanedicarboxylate Coordination Polymers as Temperature-Dependent Hydrothermal Reaction Products. <i>Crystal Growth and Design</i> , 2006 , 6, 664-668	3.5	72
263	Stepwise synthesis and magnetic control of trimetallic magnets [Co ₂ Ln(L) ₂ (H ₂ O) ₄][Cr(CN) ₆] _n ·H ₂ O (Ln = La, Gd; H ₂ L = 2,6-Di(acetoacetyl)pyridine) with 3-D pillared-layer structure. <i>Journal of the American Chemical Society</i> , 2006 , 128, 16426-7	16.4	130
262	Structural and spectroscopic characterization of a diruthenium o-dioxolene complex possessing a singly occupied molecular orbital delocalized over the entire molecule, [Ru ₂ (3,6-DTBDiox) ₄] ⁻ . <i>Inorganic Chemistry</i> , 2006 , 45, 3990-7	5.1	7
261	Chemical reaction-inspired crystal growth of a coordination polymer toward morphology design and control. <i>Journal of the American Chemical Society</i> , 2006 , 128, 15799-808	16.4	27
260	Stepwise guest adsorption with large hysteresis in a coordination polymer {[Cu(bhnq)(THF) ₂](THF)} _n constructed from a flexible hingelike ligand. <i>Inorganic Chemistry</i> , 2006 , 45, 4322-4	5.1	39
259	Architecture and Functional Engineering Based on Paddlewheel Dinuclear Tetracarboxylate Building Blocks 2006 , 195-218		1
258	Two New Coordination Polymers Based on Hexanuclear Metal Cluster Cores. <i>Chemistry Letters</i> , 2006 , 35, 526-527	1.7	27
257	A New Honeycomb Assemblage of a Trisdithiolene Vanadium(IV) Complex, (PPh ₄) ₂ [V(dbddto) ₃](C ₆ H ₄ Cl ₂)(hexane) _{0.5} . <i>Chemistry Letters</i> , 2006 , 35, 34-35	1.7	7

256	Homohelicity induction of propylene-linked zinc bilinone dimers by complexation with chiral amine and amino esters. Preorganization of structurally coupled homohelical subunits. <i>Tetrahedron</i> , 2006 , 62, 3619-3628	2.4	8
255	Polymerization in coordination nanospaces. <i>Chemistry - an Asian Journal</i> , 2006 , 1, 36-44	4.5	122
254	TCNQ dianion-based coordination polymer whose open framework shows charge-transfer type guest inclusion. <i>Journal of the American Chemical Society</i> , 2006 , 128, 16416-7	16.4	130
253	A novel high-spin heterometallic Ni ₁₂ K ₄ cluster incorporating large Ni-azide circles and an in situ cyanomethylated di-2-pyridyl ketone. <i>Chemical Communications</i> , 2005 , 233-5	5.8	84
252	A facile and versatile preparation of bilindiones and biladienones from tetraarylporphyrins. <i>Chemical Communications</i> , 2005 , 1309-11	5.8	27
251	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 π -stacking. <i>CrystEngComm</i> , 2005 , 7, 411	3.3	17
250	Diversity in magnetic properties of 3D isomorphous networks of Co(II) and Mn(II) constructed by naphthalene-1,4-dicarboxylate. <i>Chemical Communications</i> , 2005 , 4613-5	5.8	54
249	Rational synthesis of a two-dimensional honeycomb structure based on a paramagnetic paddlewheel diruthenium complex. <i>Chemical Communications</i> , 2005 , 865-7	5.8	42
248	Transformation from a 2D stacked layer to 3D interpenetrated framework by changing the spacer functionality: synthesis, structure, adsorption, and magnetic properties. <i>Inorganic Chemistry</i> , 2005 , 44, 9225-31	5.1	93
247	Effects of countercations on the structures and redox and spectroscopic properties of diruthenium catecholate complexes with ligand-unsupported Ru-Ru bonds. <i>Inorganic Chemistry</i> , 2005 , 44, 3810-7	5.1	13
246	Substituent-directed structural and physicochemical controls of diruthenium catecholate complexes with ligand-unsupported Ru-Ru bonds. <i>Inorganic Chemistry</i> , 2005 , 44, 3799-809	5.1	17
245	Guest-induced asymmetry in a metal-organic porous solid with reversible single-crystal-to-single-crystal structural transformation. <i>Journal of the American Chemical Society</i> , 2005 , 127, 17152-3	16.4	309
244	Framework control by a metalloligand having multicoordination ability: new synthetic approach for crystal structures and magnetic properties. <i>Inorganic Chemistry</i> , 2005 , 44, 133-46	5.1	131
243	Synthesis and crystallographic characterization of low-dimensional and porous coordination compounds capable of supramolecular aromatic interaction using the 4,4'-azobis(pyridine) ligand. <i>Inorganic Chemistry</i> , 2005 , 44, 3960-71	5.1	48
242	Synthesis, structures, and magnetic properties of the copper(II), cobalt(II), and manganese(II) complexes with 9-acridinecarboxylate and 4-quinolinecarboxylate ligands. <i>Inorganic Chemistry</i> , 2005 , 44, 9837-46	5.1	87
241	Metal-organic thin-film transistor (MOTFT) based on a bis(o-diiminobenzosemiquinonate) nickel(II) complex. <i>Journal of the American Chemical Society</i> , 2005 , 127, 10012-3	16.4	47
240	Formation and characterization of crystalline molecular arrays of gas molecules in a 1-dimensional ultramicropore of a porous copper coordination polymer. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 23378-85	3.4	63
239	Efficient axial chirality induction in biphenyldiol triggered by proton-transferred hydrogen bonding with chiral amine. <i>Organic and Biomolecular Chemistry</i> , 2005 , 3, 2091-4	3.9	20

238	Supramolecular Isomerism in Cadmium Hydroxide Phases. Temperature-Dependent Synthesis and Structure of Photoluminescent Coordination Polymers of $\text{[Cd}_2(\text{OH})_2(2,4\text{-pyda})]$. <i>Crystal Growth and Design</i> , 2005 , 5, 837-839	3.5	141
237	Radical polymerisation of styrene in porous coordination polymers. <i>Chemical Communications</i> , 2005 , 5968-70	5.8	135
236	Nanocrystals of Coordination Polymers. <i>Chemistry Letters</i> , 2005 , 34, 132-137	1.7	73
235	Effect of Countercations on the Structural Isomerization of a Dianionic Diruthenium Complex with a Ligand-unsupported Ru-Ru Bond. <i>Chemistry Letters</i> , 2005 , 34, 1662-1663	1.7	2
234	Formation of a Ligand-based Mixed-valence Cluster Triggered by Dehydration Condensation of Semiquinonates witho-Phenylenediamines. <i>Chemistry Letters</i> , 2005 , 34, 402-403	1.7	9
233	Flexible microporous coordination polymers. <i>Journal of Solid State Chemistry</i> , 2005 , 178, 2420-2429	3.3	333
232	Magnetic and magneto-optical properties of two-dimensional cyanide-bridged $\text{Fe}_{1-x}\text{Co}_x\text{Ni}$ solid solutions having fragmented magnetic domain. <i>Polyhedron</i> , 2005 , 24, 2839-2843	2.7	3
231	Hydrogen-bonding assemblies constructed from metalloligand building blocks and H_2O . <i>Inorganica Chimica Acta</i> , 2005 , 358, 423-428	2.7	14
230	Synchronous helicity control in zinc bilinone trimer. <i>Tetrahedron Letters</i> , 2005 , 46, 7151-7154	2	7
229	Porous lanthanide-organic framework with zeolite-like topology. <i>Chemical Communications</i> , 2005 , 2436-8	3.8	177
228	Dynamic porous properties of coordination polymers inspired by hydrogen bonds. <i>Chemical Society Reviews</i> , 2005 , 34, 109-19	58.5	1298
227	Highly controlled acetylene accommodation in a metal-organic microporous material. <i>Nature</i> , 2005 , 436, 238-41	50.4	1267
226	Direct observation of hydrogen molecules adsorbed onto a microporous coordination polymer. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 920-3	16.4	198
225	Effect of the metal-assisted assembling mode on the redox states of hexaazatriphenylene hexacarbonitrile. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 2700-2704	16.4	47
224	Direct Observation of Hydrogen Molecules Adsorbed onto a Microporous Coordination Polymer. <i>Angewandte Chemie</i> , 2005 , 117, 942-945	3.6	31
223	Effect of the Metal-Assisted Assembling Mode on the Redox States of Hexaazatriphenylene Hexacarbonitrile. <i>Angewandte Chemie</i> , 2005 , 117, 2760-2764	3.6	22
222	Magnetic Properties of Molecular Oxygen Adsorbed in Micro-Porous Metal-Organic Solids. <i>Progress of Theoretical Physics Supplement</i> , 2005 , 159, 271-279		24
221	Dynamics of guests in microporous coordination polymers studied by solid state NMR and X-ray analysis. <i>Studies in Surface Science and Catalysis</i> , 2005 , 156, 725-732	1.8	20

220	Flexible coordination polymers as novel porous materials. <i>Studies in Surface Science and Catalysis</i> , 2005 , 497-504	1.8	4
219	Functional porous coordination polymers. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 2334-75	16.4	9245
218	A neutral 3D copper coordination polymer showing 1D open channels and the first interpenetrating NbO-type network. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 192-5	16.4	536
217	Immobilization of a metallo schiff base into a microporous coordination polymer. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 2684-7	16.4	319
216	Reaction-temperature-dependent supramolecular isomerism of coordination networks based on the organometallic building block [CuI ₂ (μ ₂ -BQ)(μ ₂ -OAc) ₂]. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 2530-4	16.4	207
215	Expanding and shrinking porous modulation based on pillared-layer coordination polymers showing selective guest adsorption. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 3269-72	16.4	363
214	Funktionale poröse Koordinationspolymere. <i>Angewandte Chemie</i> , 2004 , 116, 2388-2430	3.6	1282
213	Immobilization of a Metallo Schiff Base into a Microporous Coordination Polymer. <i>Angewandte Chemie</i> , 2004 , 116, 2738-2741	3.6	64
212	Reaction-Temperature-Dependent Supramolecular Isomerism of Coordination Networks Based on the Organometallic Building Block [CuI ₂ (μ ₂ -BQ)(μ ₂ -OAc) ₂]. <i>Angewandte Chemie</i> , 2004 , 116, 2584-2588	3.6	18
211	Expanding and Shrinking Porous Modulation Based on Pillared-Layer Coordination Polymers Showing Selective Guest Adsorption. <i>Angewandte Chemie</i> , 2004 , 116, 3331-3334	3.6	91
210	Metal-complex assemblies constructed from the flexible hinge-like ligand H ₂ bhnq: structural versatility and dynamic behavior in the solid state. <i>Chemistry - A European Journal</i> , 2004 , 10, 2647-60	4.8	86
209	Temperature-controlled hydrothermal synthesis of a 2D ferromagnetic coordination bilayered polymer and a novel 3D network with inorganic Co ₃ (OH) ₂ ferrimagnetic chains. <i>Chemical Communications</i> , 2004 , 418-9	5.8	213
208	Motion of methanol adsorbed in porous coordination polymer with paramagnetic metal ions. <i>Chemical Communications</i> , 2004 , 2152-3	5.8	29
207	Module-based assembly of copper(II) chloranilate compounds: syntheses, crystal structures, and magnetic properties of [[Cu(2)(CA)(terpy)(2)][Cu(CA)(2)]](n)() and [[Cu(2)(CA)(terpy)(2)(dmsO)(2)][Cu(CA)(2)(dmsO)(2)](EtOH)](n)(H(2)CA = chloranilic acid, terpy = 1,10-phenanthroline). <i>Chemical Communications</i> , 2004 , 43, 22-100	5.1	34
206	Preparation of acentric porous coordination frameworks from an interpenetrated diamondoid array through anion-exchange procedures: crystal structures and properties. <i>Inorganic Chemistry</i> , 2004 , 43, 1287-93	5.1	149
205	Guest shape-responsive fitting of porous coordination polymer with shrinkable framework. <i>Journal of the American Chemical Society</i> , 2004 , 126, 14063-70	16.4	274
204	Neutral paddlewheel diruthenium complexes with tetracarboxylates of large pi-conjugated substituents: facile one-pot synthesis, crystal structures, and electrochemical studies. <i>Inorganic Chemistry</i> , 2004 , 43, 6464-72	5.1	33
203	A contrivance for a dynamic porous framework: cooperative guest adsorption based on square grids connected by amide-amide hydrogen bonds. <i>Journal of the American Chemical Society</i> , 2004 , 126, 3817-28	16.4	285

202	Size and surface effects of prussian blue nanoparticles protected by organic polymers. <i>Inorganic Chemistry</i> , 2004 , 43, 7339-45	5.1	178
201	Rational design and crystal structure determination of a 3-D metal-organic jungle-gym-like open framework. <i>Inorganic Chemistry</i> , 2004 , 43, 6522-4	5.1	194
200	A Novel Coordination Polymer Incorporating a Dimeric Silver Unit: Increasing Structural Dimensionality through Ag ⁺ Ag and Ag ⁺ Hetero Atom Interactions. <i>Chemistry Letters</i> , 2004 , 33, 648-649	1.7	13
199	Creation of Molecular-Assembling, -Stressing, and Converting Fields Based on Nanospaces of Metal Complexes. <i>Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry</i> , 2004 , 62, 424-432	0.2	0
198	Crystal Engineering of 3D Porous Coordination Polymers through Hydrogen Bonding to Coordination from 1D Helical Chains. <i>Chemistry Letters</i> , 2003 , 32, 588-589	1.7	7
197	Rational Design of a Ferromagnetic Trinuclear Copper(II) Complex with a Novel in-situ Synthesised Metalloligand. <i>European Journal of Inorganic Chemistry</i> , 2003 , 2003, 2385-2388	2.3	43
196	Porous Coordination-Polymer Crystals with Gated Channels Specific for Supercritical Gases. <i>Angewandte Chemie</i> , 2003 , 115, 444-447	3.6	134
195	A new strategy for the design of water-soluble synthetic receptors: specific recognition of DNA intercalators and diamines. <i>Chemistry - A European Journal</i> , 2003 , 9, 2368-80	4.8	27
194	Porous coordination-polymer crystals with gated channels specific for supercritical gases. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 428-31	16.4	903
193	Reactions of di-2-pyridylketone oxime in the presence of vanadium(III): crystal structures of the coordination products. <i>Coordination Chemistry Reviews</i> , 2003 , 237, 197-203	23.2	28
192	Metal complexes of hexaazatriphenylene (hat) and its derivatives from oligonuclear complexes to coordination polymers. <i>Coordination Chemistry Reviews</i> , 2003 , 246, 73-88	23.2	97
191	Syntheses and crystal structures of three one-dimensional copper(II) complexes constructed by salicylate and 4,4'-bipyridine: ladder, zig-zag, and linear polymeric assembly. <i>Inorganica Chimica Acta</i> , 2003 , 355, 121-126	2.7	45
190	The dimeric and two-dimensional copper(II) complexes constructed from salicylic acid and 4,4'-bipyridine. <i>Inorganic Chemistry Communication</i> , 2003 , 6, 1051-1055	3.1	26
189	Prussian blue nanoparticles protected by poly(vinylpyrrolidone). <i>Journal of the American Chemical Society</i> , 2003 , 125, 7814-5	16.4	365
188	Crystal Engineering Using the Versatility of 2,5-Dichloro-3,6-dihydroxy-1,4-benzoquinone with Organic and Metal Complex Partners. <i>Crystal Growth and Design</i> , 2003 , 3, 791-798	3.5	22
187	Novel Cu(I) dinuclear complexes containing μ_2 - $\eta(2),\eta(2)$ -type benzoquinone ligand. <i>Journal of the American Chemical Society</i> , 2003 , 125, 1152-3	16.4	26
186	Synthesis of functionalized porphyrins as oxygen ligand receptors. <i>Journal of Organic Chemistry</i> , 2003 , 68, 5123-31	4.2	36
185	Design of novel inorganic-organic hybrid materials based on iron-chloranilate mononuclear complexes: characteristics of hydrogen-bond-supported layers toward the intercalation of guests. <i>Journal of the American Chemical Society</i> , 2003 , 125, 221-32	16.4	48

184	An efficient recognition motif for an alkyl moiety in water. <i>Chemical Communications</i> , 2003 , 2918-9	5.8	8
183	A novel three-dimensional coordination polymer constructed with mixed-valence dimeric copper(I,II) units. <i>Chemical Communications</i> , 2003 , 428-9	5.8	145
182	Cation-templated construction of three-dimensional Po cubic-type $[M(dca)_3]$ networks. Syntheses, structures and magnetic properties of $A[M(dca)_3]$ (dca = dicyanamide; for A = benzyltributylammonium, M = Mn ²⁺ , Co ²⁺ ; for A = benzyltriethylammonium, M = Mn ²⁺ , Fe ²⁺). <i>New Journal of Chemistry</i> , 2003 , 27, 779-782	3.6	56
181	An Unprecedented Mixed-Charged State in a Supramolecular Assembly of Ligand-Based Mixed-Valence Redox Isomers (ET.+) $3[Cr(III)(Cl_4SQ)_2(Cl_4Cat)][Cr(III)(Cl_4SQ)(Cl_4Cat)_2]_2$ <i>Angewandte Chemie</i> , 2002 , 114, 138-141	3.6	3
180	A Pillared-Layer Coordination Polymer Network Displaying Hysteretic Sorption: $[Cu_2(pzdc)_2(dpyg)]_n$ (pzdc= Pyrazine-2,3-dicarboxylate; dpyg=1,2-Di(4-pyridyl)glycol). <i>Angewandte Chemie</i> , 2002 , 114, 141-143	3.6	65
179	Novel flexible frameworks of porous cobalt(II) coordination polymers that show selective guest adsorption based on the switching of hydrogen-bond pairs of amide groups. <i>Chemistry - A European Journal</i> , 2002 , 8, 3586-600	4.8	374
178	An unprecedented mixed-charged state in a supramolecular assembly of ligand-based mixed-valence redox isomers (ET*(+)) $3[Cr(III)(Cl_4SQ)_2(Cl_4Cat)](-)[Cr(III)(Cl_4SQ)(Cl_4Cat)_2](2-)$. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 130-3	16.4	35
177	A pillared-layer coordination polymer network displaying hysteretic sorption: $[Cu_2(pzdc)_2(dpyg)]_n$ (pzdc= pyrazine-2,3-dicarboxylate; dpyg=1,2-Di(4-pyridyl)glycol). <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 133-5	16.4	466
176	A 2-D polymer constructed through bridging acetate, hydroxo, aqua and bipyridine ligands: crystal structure of $[[Cu_2(ECH_3COO)(EOH)(H_2O)(4,4'-bipy)](2H_2O)(SiF_6)]_n$. <i>Inorganic Chemistry Communication</i> , 2002 , 5, 358-360	3.1	14
175	Syntheses and crystal structures of mononuclear rhodium hydrido complexes from the reactions of $[Rh(H)_2(PPh_3)_2(EOH)_2]ClO_4$ with various nitrogen ligands. <i>Polyhedron</i> , 2002 , 21, 1613-1620	2.7	12
174	Chiral recognition and chiral sensing using zinc porphyrin dimers. <i>Tetrahedron</i> , 2002 , 58, 2803-2811	2.4	56
173	Coordination compounds of 1,4-dihydroxybenzoquinone and its homologues. Structures and properties. <i>Coordination Chemistry Reviews</i> , 2002 , 224, 11-34	23.2	253
172	Fabrication of infinite two-dimensional sheets of tetragonal metal(II) lattices. <i>Inorganica Chimica Acta</i> , 2002 , 337, 387-392	2.7	21
171	A Novel Two-Dimensional Network Constructed by Bridged Salicylate and Pyrazine Ligands with Copper(II). <i>Journal of Inorganic and Organometallic Polymers</i> , 2002 , 12, 23-29		2
170	Proton spin relaxation induced by quantum tunneling in Fe ₈ molecular nanomagnet. <i>Physical Review B</i> , 2002 , 66,	3.3	22
169	Formation of a one-dimensional array of oxygen in a microporous metal-organic solid. <i>Science</i> , 2002 , 298, 2358-61	33.3	552
168	Pillared layer compounds based on metal complexes. Synthesis and properties towards porous materials. <i>Comments on Inorganic Chemistry</i> , 2002 , 23, 101-126	3.9	41
167	Triple Hydrogen Bond Directed Crystal Engineering of Metal Assembled Complexes: The Effect of a Novel Organic-Inorganic Module on Supramolecular Structure. <i>Molecular Crystals and Liquid Crystals</i> , 2002 , 379, 419-424	0.5	6

166	Solvent-Dependent Formation of Di- and Trinuclear Rhodium and Iridium Complexes Bridged by N,N'-Donor Ligands. <i>Bulletin of the Chemical Society of Japan</i> , 2002 , 75, 267-275	5.1	28
165	Pseudo-polyrotaxane and beta-sheet layer-based three-dimensional coordination polymers constructed with silver salts and flexible pyridyl-type ligands. <i>Inorganic Chemistry</i> , 2002 , 41, 4846-8	5.1	186
164	Dynamic porous frameworks of coordination polymers controlled by anions. <i>Studies in Surface Science and Catalysis</i> , 2002 , 141, 363-370	1.8	8
163	Synthesis and ligand-based mixed valency of cis- and trans-Cr(III)(X(4)SQ)(X(4)Cat)(L)(n) (X = Cl and Br, n = 1 or 2) complexes: effects of solvent media on intramolecular charge distribution and ligand dissociation of Cr(III)(X(4)SQ)(3). <i>Inorganic Chemistry</i> , 2002 , 41, 4444-52	5.1	31
162	Out-of-plane dimers of Mn(III) quadridentate Schiff-base complexes with saltmen2 and naphmen2 ligands: structure analysis and ferromagnetic exchange. <i>Dalton Transactions RSC</i> , 2002 , 1528-1534		153
161	Framework engineering by anions and porous functionalities of Cu(II)/4,4'-Nbp coordination polymers. <i>Journal of the American Chemical Society</i> , 2002 , 124, 2568-83	16.4	620
160	New One-dimensional Chain Compounds of [M (pdz) Cl ₂] _n (M=Cu(II), Fe(II), Mn(II); pdz = pyridazine and Their Magnetic Properties. <i>Molecular Crystals and Liquid Crystals</i> , 2002 , 376, 283-288	0.5	3
159	New hydrogen bond-supported 3-D molecular assembly from polyoxovanadate and tetramethylbiimidazole. <i>Inorganic Chemistry</i> , 2002 , 41, 1989-92	5.1	60
158	New microporous coordination polymer affording guest-coordination sites at channel walls. <i>Chemical Communications</i> , 2002 , 222-3	5.8	117
157	Novel 2-dimensional coordination polymer constructed from a multi-functional metalloligand. <i>CrystEngComm</i> , 2002 , 4, 162	3.3	23
156	Hydrophobic environment of gable-type bisporphyrin receptors in water promotes binding of amines and oligopeptides. <i>Chemical Communications</i> , 2002 , 1626-7	5.8	15
155	Preparation, crystal structures and spectroscopic properties of vanadium(III) complexes with [VO ₄] ⁴⁺ cores. <i>Dalton Transactions RSC</i> , 2002 , 2390		21
154	Syntheses and Crystal Structures of Novel Di- and Trinuclear Rhodium Complexes Bridged by Pyrazine. <i>Chemistry Letters</i> , 2001 , 30, 168-169	1.7	13
153	Design and Construction of Coordination Polymers Based on the Topological Property of the Multidentate Ligand. <i>Chemistry Letters</i> , 2001 , 30, 50-51	1.7	4
152	Effects of Magnetic Anisotropy on Magnetization in Molecular Mesoscopic Magnet Fe ₈ . <i>Journal of the Physical Society of Japan</i> , 2001 , 70, 3084-3088	1.5	13
151	Crystal structures and magnetic properties of novel coordination polymers with rectangular lattice constructed from pyrazine derivative. <i>Polyhedron</i> , 2001 , 20, 1411-1415	2.7	16
150	The rational syntheses of manganese chloranilate compounds: crystal structures and magnetic properties. <i>Polyhedron</i> , 2001 , 20, 1417-1422	2.7	31
149	Eine neue Klasse von cyclischen Hexameren: [Co ₆ L ₆] ₂₄ (H ₆ L=Hexaazatriphenylen-hexacarbonsäure). <i>Angewandte Chemie</i> , 2001 , 113, 3933-3935	3.6	7

- 148 A New Class of Cyclic Hexamer: [Co L] (H L=hexaazatriphenylene hexacarboxylic acid). *Angewandte Chemie - International Edition*, **2001**, 40, 3817-3819 16.4 54
- 147 Synthesis, structure and reactivities of the dinuclear η^5 : η^5 -arylethynyl ruthenium complexes [Cp(PR₃)₂Ru(η^5 : η^5 -C₇CC₆H₄Me-p)RuCp*]Cl (R=Ph, Me; Cp= η^5 -C₅H₅, Cp*= η^5 -C₅Me₅). The molecular structure of [Cp(PPh₃)₂Ru(η^5 : η^5 -C₇CC₆H₄Me-p)RuCp*]PF₆. *Journal of Organometallic Chemistry*, **2001**, 625, 133-139 2.3 4
- 146 Molecular recognition of DNA intercalators at nanomolar concentration in water. *Journal of the American Chemical Society*, **2001**, 123, 6459-60 16.4 31
- 145 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): X-ray crystal structures and physical properties. *Inorganic Chemistry*, **2001**, 40, 146-56 5.1 45
- 144 Solvent effect on helicity induction of zinc bilinone bearing a chiral auxiliary at the helix terminal. *Journal of Organic Chemistry*, **2001**, 66, 3848-53 4.2 24
- 143 Syntheses, structures, and physicochemical properties of diruthenium compounds of tetrachlorocatecholate with metal-metal bonded Ru(3+)(μ -OR)(₂)Ru(3+) and Ru(3.5+)(μ -OR)(₂)Ru(3.5+) cores (R = CH(3) and C(2)H(5)). *Inorganic Chemistry*, **2001**, 40, 3544-54 5.1 23
- 142 Chiral Recognition of β Amino Esters on the Chiral Helical Surface of Zinc Bilinone. *Chemistry Letters*, **2000**, 29, 1054-1055 1.7 2
- 141 Synthesis and Crystal Structure of New Salicylate-Bridged Coordination Polymer, [Cu₂(sal)₂(pyz)(MeOH)₂]_n. *Chemistry Letters*, **2000**, 29, 536-537 1.7 3
- 140 A New Self-Assembled Porphyrin-Silver(I) Network. *Chemistry Letters*, **2000**, 29, 818-819 1.7 21
- 139 Synthesis and Structures of Coordination Polymers with 4,4'-Dipyridyldisulfide. *Journal of Solid State Chemistry*, **2000**, 152, 113-119 3.3 53
- 138 [[CuSiF₆(4,4'-bipyridin)₂]_n], ein neues methanadsorbierendes poröses Koordinationspolymer. *Angewandte Chemie*, **2000**, 112, 2161-2164 3.6 113
- 137 A New, Methane Adsorbent, Porous Coordination Polymer. *Angewandte Chemie - International Edition*, **2000**, 39, 2081-2084 16.4 888
- 136 Novel layered structures constructed from iron(II)chloranilate compounds. *Coordination Chemistry Reviews*, **2000**, 198, 157-169 23.2 24
- 135 Synthesis, structure, and reactivities of the RuCo heterobimetallic complex. Molecular structures of Cp*Ru(CO)₂(η -CO)Co(CO)₃, Cp*Ru(η -CO)₂(η -dppm)Co(CO)₂, Cp*Ru(CNBut)(CO)(η -CO)Co(CO)₃, and Cp*(CO)Ru(η -C₁₀H₇(Tol)CHC(Tol)CH)Co(CO)₂. *Journal of Organometallic Chemistry*, **2000**, 600, 1-10 2.3 15
- 134 Synthesis and Crystal Structure of [Cu(N-salicylidene-3-aminopyridine)₂]_n Constructed from Unsymmetric Bridging Ligand with Two Dissimilar Metal-Binding Sites. *Molecular Crystals and Liquid Crystals*, **2000**, 342, 231-236 3
- 133 Synthesis and Molecular Structure of the Amido-Bridged Dinuclear Rhodium Complex [Cp*Rh(η -(NH)₂C₁₀H₆-2,3)(η -Cl)RhCp*][PF₆] (Cp* = η^5 -C₅Me₅). *Molecular Crystals and Liquid Crystals*, **2000**, 342, 1-6 3
- 132 Microporous Materials Constructed from the Interpenetrated Coordination Networks. Structures and Methane Adsorption Properties. *Chemistry of Materials*, **2000**, 12, 1288-1299 9.6 259
- 131 Novel layered structures constructed from metal(II)chloranilate monomer compounds. *Dalton Transactions RSC*, **2000**, 2409-2417 4.2

130	H ₂ Generation by Cycling Dark Adsorption and Successive Photoinduced Desorption of 2-Mercaptopyridine on/from Ag-Core/Pt-Shell Nanoparticles Loaded on TiO ₂ . <i>Langmuir</i> , 2000 , 16, 6077-6080	4	15
129	Allosteric Chirality Amplification in Zinc Bilinone Dimer. <i>Journal of the American Chemical Society</i> , 2000 , 122, 748-749	16.4	52
128	Hydrogen-Bond Network of Dimeric Copper Complex of Vanillic Acid (HVA), [Cu(VA) ₂ (H ₂ O)] ₂ . <i>Molecular Crystals and Liquid Crystals</i> , 2000 , 342, 97-102		3
127	Preparation, Structure, and Reactivities of Amido-Bridged Dinuclear Rhodium(III) and Rhodium(II) Complexes. <i>Organometallics</i> , 2000 , 19, 216-218	3.8	15
126	Molecular recognition of amines and amino esters by zinc porphyrin receptors: binding mechanisms and solvent effects. <i>Journal of Organic Chemistry</i> , 2000 , 65, 6097-106	4.2	67
125	Triple hydrogen bond directed crystal engineering of metal assembled complexes: the effect of a bifunctional ligand on supramolecular structure. <i>CrystEngComm</i> , 2000 , 2, 174	3.3	18
124	Catalysis of Helix Inversion of Zinc Bilindiones by Amines and Amino Acid Esters. <i>Supramolecular Chemistry</i> , 1999 , 10, 297-308	1.8	14
123	New coordination networks constructed from N-(4-pyridyl)isonicotinamide. <i>Crystal Engineering</i> , 1999 , 2, 115-122		9
122	Syntheses, crystal structures and autoreduction behavior of antiferromagnetically coupled dicopper(II) oximate complexes. <i>Inorganica Chimica Acta</i> , 1999 , 293, 20-29	2.7	41
121	Synthesis and ¹⁵¹ Eu- and ⁵⁷ Fe-Mössbauer spectroscopic studies of new europium-iron complexes. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1999 , 239, 227-232	1.5	7
120	Rationale Synthese stabiler, kanalartiger Käfige mit Methan-adsorbierenden Eigenschaften: [[Cu ₂ (pzdc) ₂ (L)] _n] (pzdc=Pyrazin-2,3-dicarboxylat; L=Stützeligand). <i>Angewandte Chemie</i> , 1999 , 111, 190-193	3.6	51
119	Ein neuer radikalischer Wirt für Anionen: [(Cu-dppe) ₃ {hat-(CN) ₆ }] ₂ + . <i>Angewandte Chemie</i> , 1999 , 111, 980-983	3.6	16
118	Rational Synthesis of Stable Channel-Like Cavities with Methane Gas Adsorption Properties: [[Cu ₂ (pzdc) ₂ (L)] _n] (pzdc=pyrazine-2,3-dicarboxylate; L=a Pillar Ligand). <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 140-143	16.4	481
117	A New Anion-Trapping Radical Host, [(Cu-dppe) {hat-(CN) }] . <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 931-933	16.4	44
116	Syntheses and crystal structures of iron co-ordination polymers with 4,4'-bipyridine (4,4'-bpy) and 4,4'-azopyridine (azpy). Two-dimensional networks supported by hydrogen bonding, {[Fe(azpy)(NCS) ₂ (MeOH) ₂]} _n and {[Fe(4,4'-bpy)(NCS) ₂ (H ₂ O) ₂]} _n . <i>Journal of the Chemical Society Dalton Transactions</i> , 1999 , 1569-1574		59
115	Structural, Spectroscopic and Magnetic Properties of Charge-Transfercomplex, (TMTSF)[Cr(Cl ₄ SO) ₂ (Cl ₄ Cat)] _n ·0.5CH ₂ Cl ₂ . <i>Molecular Crystals and Liquid Crystals</i> , 1999 , 335, 183-192		5
114	Helical chirality control in zinc bilinone dimers. <i>Chemical Communications</i> , 1999 , 911-912	5.8	14
113	Synthesis, X-ray crystal structures and properties of chromium complexes with semiquinonate and catecholate. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999 , 2467-2476		33

112	New coordination network of $[\text{Cd}_2(\text{bpob})_3(\text{NO}_3)_4]_n$ (bpob=1,4-bis(4-pyridoxy)benzene) constructed from two structural isomers of the ligand. <i>Solid State Sciences</i> , 1999 , 1, 73-75		6
111	Synthesis and crystal structure of a one-dimensional copper(I) polymer containing a bis-bidentate tetrathioether ligand. <i>Synthetic Metals</i> , 1999 , 102, 1464-1465	3.6	1
110	Peroxidase Activity of Myoglobin Is Enhanced by Chemical Mutation of Heme-Propionates. <i>Journal of the American Chemical Society</i> , 1999 , 121, 7747-7750	16.4	92
109	Helical Chirality Induction by Point Chirality at Helix Terminal. <i>Journal of the American Chemical Society</i> , 1999 , 121, 754-759	16.4	56
108	Porphyrin Receptors for Amines, Amino Acids, and Oligopeptides in Water. <i>Journal of the American Chemical Society</i> , 1999 , 121, 11425-11431	16.4	83
107	Analysis of ^{109}Ag MAS NMR Chemical Shieldings Observed in $\text{Ag}_x\text{Cu}_{1-x}$ Crystals. <i>Bulletin of the Chemical Society of Japan</i> , 1999 , 72, 2061-2065	5.1	10
106	Syntheses and Structures of Zn Coordination Polymers with 4,4'-Bipyridine and 4,4'-Azopyridine. Effect of Counter Anions on the Network System. <i>Chemistry Letters</i> , 1999 , 28, 285-286	1.7	26
105	Novel Extended Linear Structure of Decavanadate Anions Linked by Bis(4-Pyridinium) Disulfide (H_2dpds), $\{(\text{H}_2\text{dpds})_2[\text{V}_{10}\text{O}_{26}(\text{OH})_2] \cdot 10\text{H}_2\text{O}\}_n$. <i>Chemistry Letters</i> , 1999 , 28, 291-292	1.7	19
104	Synthesis and Crystal Structure of New Sulfate-Bridged Coordination Polymer, $\{(4,4'\text{-bpyH}_2)[\text{Fe}_3(4,4'\text{-bpy})_3(\text{SO}_4)_4(\text{H}_2\text{O})_6] \cdot 10\text{H}_2\text{O}\}_n$ (4,4'-bpy = 4,4'-Bipyridine). Three-Dimensional Network with Microporous Channels. <i>Chemistry Letters</i> , 1999 , 28, 727-728	1.7	12
103	Synthesis, Structure, and Reactivities of the $\eta^5\text{-Cp}^*\text{-}\eta^1\text{-Cp}^*\text{-}\eta^1\text{-Cp}^*\text{-}\eta^1\text{-Cp}^*$ -Aryl Alkynyl Diruthenium Complex. X-Ray Structure of $[\text{Cp}(\text{PPh}_3)_2\text{Ru}(\eta^5\text{-Cp}^*\text{-}\eta^1\text{-C}_6\text{H}_4\text{Me-p})\text{RuCp}^*]\text{PF}_6$ ($\text{Cp} = \eta^5\text{-C}_5\text{H}_5$, $\text{Cp}^* = \eta^5\text{-C}_5\text{Me}_5$). <i>Chemistry Letters</i> , 1999 , 28, 865-866	1.7	2
102	Mixed ligand copper(II) coordination polymers constructed by Cu-bpm-Cu dimer unit (bpm = 2,2'-bipyrimidine) as a building block. Crystal structures and magnetic properties of $[\text{Cu}(\text{bpm})(\text{SO}_4)](\text{H}_2\text{O})_n$, $[\text{Cu}_2(\text{bpm})(\text{suc})0.5(\text{ClO}_4)_2(\text{OH})(\text{H}_2\text{O})_2]_n$ and $[\text{Cu}(\text{bpm})1.5(\text{suc})0.5](\text{ClO}_4)(\text{H}_2\text{O})_2n$ (suc = succinate). <i>Inorganica Chimica Acta</i> , 1999 , 283, 80-90	2.7	28
101	Synthesis and crystal structure of two ternary dicopper(II) complexes having the unsymmetrical coordination arrangement bridged by 1,8-naphthyridine (napy). $[\text{Cu}_2(\text{napy})_2(\text{Me}_2\text{CO})](\text{PF}_6)_2 \cdot 2\text{Me}_2\text{CO}$ and $[\text{Cu}_2(\text{napy})_2(\text{dppm})(\text{CH}_3\text{CN})](\text{PF}_6)_2$. <i>Inorganica Chimica Acta</i> , 1999 , 274, 129-134	2.7	28
100	Novel Intercalation Host System Based on Transition Metal (Fe^{2+} , Co^{2+} , Mn^{2+}) Chloranilate Coordination Polymers. Single Crystal Structures and Properties. <i>Chemistry of Materials</i> , 1998 , 10, 3902-3912	9.6	73
99	X-Ray crystal structure, magnetic and electric properties of TTF trimer-based salts of FeCl_4^- $[\text{TTF}_7(\text{FeCl}_4)_2]$. <i>Journal of Materials Chemistry</i> , 1998 , 8, 295-300		14
98	Novel Ligand-Unsupported Diruthenium Compounds, $[\text{Ru}_2(\text{Cl}_4\text{Cat})_4]_n$ - ($\text{Cl}_4\text{Cat} =$ Tetrachlorocatecholate; $n = 2$ and 3). <i>Journal of the American Chemical Society</i> , 1998 , 120, 455-456	16.4	17
97	Functional Micropore Chemistry of Crystalline Metal Complex-Assembled Compounds. <i>Bulletin of the Chemical Society of Japan</i> , 1998 , 71, 1739-1753	5.1	675
96	Heterodinuclear Complex $\text{Cp}^*\text{Ru}(\text{CO})_2\text{Co}(\text{CO})_4(\text{Cp}^* = \eta^5\text{-C}_5\text{Me}_5)$ Induced Selective Dimerization of Terminal Alkynes. <i>Chemistry Letters</i> , 1998 , 27, 1175-1176	1.7	7
95	Preparation and Structure of a Novel Tetranuclear Mixed-Valence Vanadium(IV/V) Complexes Having Alkoxy and Oxo Groups. <i>Chemistry Letters</i> , 1997 , 26, 249-250	1.7	12

94	Comparative X-Ray Studies of a Copper(I) Coordination Polymer with 1,2,4,5-Tetramethylmercaptobenzene (tmmb), ((CuX) ₂ (tmmb)) _n (X=Br, I).. <i>Analytical Sciences</i> , 1997 , 13, 1047-1049	1.7	10
93	Crystal Structure of Dinuclear Copper(I) Complex with 1,2,4,5-Tetramethylmercaptobenzene, (Cu(tmmb)) ₂ .. <i>Analytical Sciences</i> , 1997 , 13, 651-652	1.7	3
92	Solid and solution structures of ternary gold(I) complexes with triphenylphosphine and nitrogen-containing ligands. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997 , 4257-4262		38
91	Two Types of New Polymeric Copper(I) Complexes of Pyrazinecarboxamide Having Channel and Helical Structures. <i>Inorganic Chemistry</i> , 1997 , 36, 5416-5418	5.1	111
90	Novel Amido-Bridged Dinuclear Iridium(III) and Iridium(II) Complexes. Synthesis and Characterization of [Cp*Ir(μ-NHC ₆ H ₄ R-p) ₃ IrCp*]Cl (Cp* = η-C ₅ Me ₅ ; R = Me, H, Cl, CF ₃), [Cp*Ir{(μ-NH)2C ₁₀ H ₆ -1,8}(μ-X)IrCp*]X (X = Cl, Br), Cp*Ir{(μ-NH)2C ₁₀ H ₆ -1,8}IrCp*, and [Cp*Ir{(μ-NH)2C ₁₀ H ₆ -1,8}(μ-H)IrCp*]O ₂ CCF ₃ . <i>Organometallics</i> , 1997 , 16, 4514-4516	3.8	15
89	Synthesis, structure, and magnetic properties of one-dimensional copper(II) coordination polymer, [Cu(pyrazine-2,3-dicarboxylate)(H ₂ O) ₂] _n ·2H ₂ O. <i>Synthetic Metals</i> , 1997 , 85, 1661-1662	3.6	32
88	The Valence-De-trapping Phase Transition in a Crystal of the Mixed-Valence Trinuclear Iron Cyanoacetate Complex [Fe(3)O(O(2)CCH(2)CN)(6)(H(2)O)(3)]. <i>Inorganic Chemistry</i> , 1997 , 36, 4347-4359	5.1	53
87	Molecular structure of allyl palladium(II) complex, [Pd(η-PhCHCHCHPh)-(S,S)-chiraphos)]PF ₆ : A novel envelope conformation of chiral C ₂ -symmetric diphosphine. <i>Journal of Organometallic Chemistry</i> , 1997 , 538, 199-202	2.3	8
86	Crystal structures of optically active diastereomeric telluronium and selenonium salts anion⋯cation interactions in the crystalline state. <i>Journal of Organometallic Chemistry</i> , 1997 , 539, 171-175	2.3	17
85	Three-Dimensional Framework with Channeling Cavities for Small Molecules: {[M ₂ (4,4'-bpy) ₃ (NO ₃) ₄] _n ·xH ₂ O} (M = Co, Ni, Zn). <i>Angewandte Chemie International Edition in English</i> , 1997 , 36, 1725-1727		933
84	Dreidimensionale Gerüststrukturen mit kanalartigen Hohlräumen für kleine Moleküle: {[M ₂ (4,4'-bpy) ₃ (NO ₃) ₄] _n ·xH ₂ O} (M = Co, Ni, Zn). <i>Angewandte Chemie</i> , 1997 , 109, 1844-1846	3.6	106
83	Rational Design of a Novel Intercalation System. Layer-Gap Control of Crystalline Coordination Polymers, {[Cu(CA)(H ₂ O)(m)G](G) _n } (m = 2, G = 2,5-Dimethylpyrazine and Phenazine; m = 1, G = 1,2,3,4,6,7,8,9-Octahydrophenazine). <i>Inorganic Chemistry</i> , 1996 , 35, 4449-4461	5.1	101
82	Synthesis and Structure of Novel Vanadium(III) Compounds Having a Cyclic Core. <i>Chemistry Letters</i> , 1996 , 25, 471-472	1.7	33
81	Crystal Structure of a Tris(dithiolene) Vanadium(IV) Complex Having Unprecedented D _{3h} Symmetry. <i>Chemistry Letters</i> , 1996 , 25, 489-490	1.7	25
80	Structure analysis of K _x Rb _{1-x} X (X = Br, I) mixed crystals by 87 Rb and 39 K NMR and X-ray diffraction methods. <i>Journal of Physics and Chemistry of Solids</i> , 1996 , 57, 1609-1614	3.9	4
79	Mössbauer spectroscopic and thermal decomposition studies of alkylamine and nitrogen heterocyclic substituted pentacyanoferrate(II) complexes. <i>Thermochimica Acta</i> , 1996 , 287, 111-129	2.9	3
78	Dependence of the rate of intramolecular electron transfer on crystal form in mixed-valence trinuclear iron phenylacetate complex. <i>Polyhedron</i> , 1996 , 15, 2131-2139	2.7	10
77	Hydrogen Bond-Supported Two-Dimensional Layers Of Iron(I?) and Copper(II) Complexes Of Chloranilate. Their Crystal Structures And Magnetic Properties. <i>Molecular Crystals and Liquid Crystals</i> , 1996 , 286, 51-58		10

- 76 Synthesis, Structure and Magnetic Properties of a Two- Dimensional Nickel(II) Coordination Polymer, $\{[\text{Ni}(\text{pzdc})(\text{pyz})].2\text{H}_2\text{O}\}_n$ (H_2pzdc = pyrazine-2,3-dicarboxylic acid; pyz = pyrazine). *Molecular Crystals and Liquid Crystals*, **1996**, 286, 115-120 3
- 75 Synthesis, Structure, and Magnetic Properties of Crystalline Coordination Polymers of Copper(II), $\{[\text{Cu}(\text{CA})(\text{H}_2\text{O})_2(\text{H}_2\text{O})]_n$ AND $[\text{Cu}(\text{CA})(\text{MeOH})_2]_n$ (H_2CA ; Chloranilic Acid). *Molecular Crystals and Liquid Crystals*, **1995**, 274, 179-185 17
- 74 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 5.1 80
- 73 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 3.6 17
- 72 An oxalate-linked copper(II) coordination polymer, $[\text{Cu}_2(\text{oxalate})_2(\text{pyrazine})_3]_n$, constructed with two different copper units: x-ray crystallographic and electronic structures. *Inorganic Chemistry*, **1995**, 34, 4790-4796 5.1 111
- 71 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 5.1 103
- 70 Co-ordinative versatility of 3,5-bis(2-pyridyl)pyrazole in silver and copper compounds. *Journal of the Chemical Society Dalton Transactions*, **1995**, 4099 49
- 69 Oxamide oxime-based copper(II) coordination polymers. Two- and three-dimensional structures controlled by dicarboxylates. *Inorganica Chimica Acta*, **1995**, 229, 211-219 2.7 25
- 68 Crystal structure of a binuclear vanadium(III) complex with a new tripodal ligand, $[\text{V}_2\text{Cl}_4(\text{tped})(\text{EtOH})_2]_2 \cdot 2\text{EtOH}$. *Inorganica Chimica Acta*, **1994**, 224, 199-201 2.7 3
- 67 Two-Dimensional Sheets of Tetragonal Copper(II) Lattices: X-Ray Crystal Structure and Magnetic Properties of $[\text{Cu}(\text{C}_6\text{O}_4\text{Cl}_2)(\text{C}_4\text{H}_4\text{N}_2)]_n$. *Angewandte Chemie International Edition in English*, **1994**, 33, 1759-1761 124
- 66 Ein zweidimensionales, tetragonales Kupfer(II)-Schichtgitter: Struktur und magnetische Eigenschaften von $[\text{Cu}(\text{C}_6\text{O}_4\text{Cl}_2)(\text{C}_4\text{H}_4\text{N}_2)]_n$. *Angewandte Chemie*, **1994**, 106, 1851-1854 3.6 16
- 65 Valence-delocalization of the mixed-valence oxo-centered trinuclear iron propionates $[\text{Fe}^{\text{III}}\text{Fe}^{\text{II}}(\text{C}_2\text{H}_5\text{CO}_2)_6(\text{py})_3]_n$; $n=0, 1.5$. *Hyperfine Interactions*, **1994**, 93, 1567-1572 0.8 6
- 64 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 59
- 63 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 5.1 74
- 62 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 60
- 61 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 5.1 57
- 60 Crystal Structure of Bis(2-mercaptothiazoline)copper(I) Chloride, $(\text{Cu}(\text{mtz})_2\text{Cl})_n$. *Analytical Sciences*, **1993**, 9, 887-888 1.7 5
- 59 Abrupt Conversion of Mixed-Valence State in Trinuclear Iron Cyanoacetate Complex. *Chemistry Letters*, **1993**, 22, 1463-1466 1.7 15

58	Synthesis and Structures of Infinite Sheet Copper(I) Complex Polymers with 2,6-Dimethylpyrazine, $\{[\text{Cu}_2(\text{C}_6\text{H}_8\text{N}_2)_3](\text{ClO}_4)_2(\text{C}_3\text{H}_6\text{O})_2\}_n$ and with 2-Chloropyrazine, $\{[\text{Cu}_2(\text{C}_4\text{H}_3\text{N}_2\text{Cl})_4.5](\text{ClO}_4)_2\}_n$ <i>Bulletin of the Chemical Society of Japan</i> , 1993 , 66, 3387-3392	5.1	25
57	Crystal Structure of Tetrakis(2-methylpyrazine)copper(II) Perchlorate, $(\text{Cu}(\text{2-Mepz})_4)(\text{ClO}_4)_2$.. <i>Analytical Sciences</i> , 1992 , 8, 899-900	1.7	5
56	Synthesis, formation constants and structures of ternary copper(I) complexes with 1,10-phenanthroline and alkynes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992 , 2225		28
55	Synthesis of the novel infinite-sheet and -chain copper(I) complex polymers $\{[\text{Cu}(\text{C}_4\text{H}_4\text{N}_2)_3/2(\text{CH}_3\text{CN})](\text{PF}_6)_6\}_n$ and $\{[\text{Cu}_2(\text{C}_8\text{H}_{12}\text{N}_2)_3](\text{ClO}_4)_2\}_n$ and their x-ray crystal structures. <i>Inorganic Chemistry</i> , 1992 , 31, 1714-1717	5.1	72
54	Synthesis and crystal structures of tetra- and hexanuclear copper(I) complexes of pyrimidine derivatives, $[\text{Cu}_4(\text{C}_4\text{H}_8\text{N}_2\text{S})_4](\text{ClO}_4)_4$ and $[\text{Cu}_6(\text{C}_5\text{H}_5\text{N}_2\text{S})_6]$. <i>Inorganica Chimica Acta</i> , 1992 , 197, 169-175	2.7	29
53	Tetranuclear Copper(I)-Based Infinite One-Dimensional Chain Complex. Synthesis and X-Ray Crystal Structure of $\{[\text{Cu}_2(\text{B-methylpyridazine})_2(\text{Pyrazine})_3](\text{ClO}_4)_2\}_n$ <i>Chemistry Letters</i> , 1991 , 20, 623-626	1.7	13
52	Synthesis and X-Ray Crystal Structure of the Dicopper(I) Complex of 2-(Diphenylphosphino)pyridine (Ph ₂ Ppy). $[\text{Cu}_2(\text{Ph}_2\text{Ppy})_2(\text{CH}_3\text{CN})_2](\text{PF}_6)_2$. <i>Bulletin of the Chemical Society of Japan</i> , 1991 , 64, 2286-2288	5.1	17
51	Synthesis, Structure, and NMR Spectra of $[\text{Cu}_2(\text{phen})_2(\text{C}_6\text{H}_5)_2\text{PCH}_2\text{P}(\text{C}_6\text{H}_5)_2]_n(\text{PF}_6)_2$ and Its Derivatives. <i>Bulletin of the Chemical Society of Japan</i> , 1991 , 64, 2809-2813	5.1	16
50	Crystal Structure of (2,2'-Bipyridine)dichloropalladium(II).. <i>Analytical Sciences</i> , 1991 , 7, 521-522	1.7	26
49	Crystal Structure of Tetrakis(pyridine)copper(II) Nitrate Pyridine Solvate, $(\text{Cu}(\text{py})_4)(\text{NO}_3)_2\text{py}$.. <i>Analytical Sciences</i> , 1991 , 7, 827-828	1.7	8
48	On the mechanism of stereoisomerization of methyl groups of 1,3-diaxial $[\text{cis-3}-(\text{benzyloxy})\text{cyclohexyl}]\text{chlorodimethylstanne}$. <i>Tetrahedron Letters</i> , 1991 , 32, 4945-4948	2	3
47	Natural abundance nitrogen-15 CP-MAS NMR studies of copper(I) complexes. <i>Magnetic Resonance in Chemistry</i> , 1991 , 29, 566-568	2.1	2
46	Synthesis and crystal structures of novel one-dimensional polymers, $[\{M(\text{bpen})X\}]_n$ [$M = \text{CuI}$, $X = \text{PF}_6$] [$M = \text{AgI}$, $X = \text{ClO}_4$] [$\text{bpen} = \text{trans-1,2-bis}(2\text{-pyridyl})\text{ethylene}$] and $[\{[\text{Cu}(\text{bpen})(\text{CO})(\text{CH}_3\text{CN})(\text{PF}_6)]\}]_n$ <i>Journal of the Chemical Society Dalton Transactions</i> , 1991 , 2869-2874		42
45	Crystal structure of an infinite stair-type chain compound $[\{[\text{Cu}_2(\text{tc})_2(\text{ClO}_4)_2]_n\}]$ (tc = thiochrome). <i>Journal of the Chemical Society Dalton Transactions</i> , 1991 , 1717		17
44	Copper(I)-promoted cycloaddition reactions of pyridine-2-carbonitrile, 2-pyridylacetonitrile and isoquinoline-3-carbonitrile with ketones. <i>Journal of the Chemical Society Chemical Communications</i> , 1991 , 1244		6
43	Synthesis, characterization, and molecular structures of binary and ternary copper(I) complexes with 1,5-cyclooctadiene (cod): $[\text{Cu}(\text{cod})_2]\text{ClO}_4$ and $[\text{Cu}(\text{cod})_2(2,2'\text{-bipyridine})]\text{PF}_6$. <i>Inorganic Chemistry</i> , 1991 , 30, 2610-2614	5.1	22
42	Synthesis, properties and crystal structures of dicopper(I) and disilver(I) complexes with 1,8-naphthyridine (napy): $[\text{Cu}_2(\text{napy})_2](\text{ClO}_4)_2$ and $[\text{Ag}_2(\text{napy})_2](\text{ClO}_4)_2$. <i>Inorganica Chimica Acta</i> , 1990 , 167, 181-188	2.7	60
41	Coordination power series of solvents. <i>Inorganica Chimica Acta</i> , 1990 , 169, 225-234	2.7	17

40	The X-ray structure of the divanadyl complex, [(VO) ₂ Cl ₂ (C ₈ H ₆ N ₂) ₂ (OC ₂ H ₅) ₂]. <i>Inorganica Chimica Acta</i> , 1990 , 175, 3-4	2.7	5
39	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. <i>Journal of Organometallic Chemistry</i> , 1990 , 391, 131-137	2.3	5
38	Synthesis and crystal structure of hexanuclear copper(I) complexes of μ ₃ -pyridine-2-thionate. <i>Journal of the Chemical Society Dalton Transactions</i> , 1990 , 2105-2109		85
37	Structure of bis(2,6-dimethylpyridine)copper(I) perchlorate. The relationship between the Cu-N(pyridine) distance and Cu-CH ₃ (methyl group) contacts. <i>Inorganica Chimica Acta</i> , 1989 , 158, 217-220	2.7	15
36	51V NMR studies of vanadium(I) complexes. Equilibria and crystal structure of Na[V(NO)(N(CH ₂ CH ₂ O) ₃)] and its derivatives. <i>Inorganica Chimica Acta</i> , 1989 , 164, 49-53	2.7	13
35	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. <i>Inorganic Chemistry</i> , 1989 , 28, 4300-4302	5.1	37
34	Nuclear magnetic resonance studies of dicopper(II) complexes with binucleating ligands containing imidazoles. <i>Inorganic Chemistry</i> , 1989 , 28, 1904-1909	5.1	55
33	Diamagnetic anisotropy of quadruple Mo-Mo bonds: [Mo ₂ Cl ₄ (diphosphine) ₂] complexes. <i>Polyhedron</i> , 1988 , 7, 1673-1676	2.7	11
32	Direct evidence favouring an internal flip of dimetal units in cuboidal ligand cages. <i>Polyhedron</i> , 1988 , 7, 463-470	2.7	20
31	Crystal Structure of Bis(2,2'-bipyridine)copper(I) Perchlorate. <i>Bulletin of the Chemical Society of Japan</i> , 1987 , 60, 1927-1929	5.1	58
30	Structure and ¹ H n.m.r. spectrum of a binuclear copper(I) complex with non-bridging and bridging 2-vinylpyridine ligands (vpy), [Cu ₂ (μ-vpy) ₂ (vpy) ₂](ClO ₄) ₂ . <i>Journal of the Chemical Society Chemical Communications</i> , 1987 , 1798-1799		4
29	Preparation, spectroscopic properties, and characterization of anti- and syn-α-Mo ₂ Cl ₄ [(C ₆ H ₅) ₂ PCH ₂ CH ₂ P(ρ-CH ₃ C ₆ H ₄) ₂] in solution and in the solid state. <i>Inorganic Chemistry</i> , 1987 , 26, 3463-3468	5.1	19
28	Structural studies of copper(I) complexes with ethylene. Crystal structures of [Cu(2,2'-bipyridine)(ethylene)]ClO ₄ and [Cu(1,10-phenanthroline)(ethylene)]ClO ₄ . <i>Journal of Organometallic Chemistry</i> , 1987 , 322, 121-129	2.3	54
27	Nuclear Magnetic Resonance Studies of Copper(I) Complexes of Imidazoles. I. Their Preparation, Characterization, Equilibria, and Reaction with Carbon Monoxide. <i>Bulletin of the Chemical Society of Japan</i> , 1986 , 59, 2743-2750	5.1	8
26	Nuclear Magnetic Resonance Studies of Copper(I) Complexes of Imidazoles. II. Their Reaction with Ethylene, Phosphite, and Isocyanides. <i>Bulletin of the Chemical Society of Japan</i> , 1986 , 59, 2751-2754	5.1	3
25	Deuteron NMR spectroscopy of copper(II) complexes in solution. 1. (5,7,7,12,14,14-hexamethyl-1,4,8,11-tetraazacyclotetradeca-4,11-diene)-copper(II) and its derivatives in nonaqueous solvent. <i>Inorganica Chimica Acta</i> , 1986 , 121, 113-117	2.7	1
24	Copper-63 nuclear magnetic resonance studies of tris(triethyl phosphite)copper(I) chloride in nonaqueous solution. <i>Inorganica Chimica Acta</i> , 1986 , 120, 77-80	2.7	6
23	Studies of copper(I) olefin complexes. Formation constants of copper olefin complexes with 2,2'-bipyridine, 1,10-phenanthroline, and their derivatives. <i>Inorganic Chemistry</i> , 1986 , 25, 2622-2627	5.1	94

22	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. <i>Inorganic Chemistry</i> , 1986 , 25, 964-970	5.1	42
21	Preconcentration of some phosphorus-containing anions by adsorption on hydrated iron(III) oxide. <i>Analytica Chimica Acta</i> , 1985 , 173, 299-303	6.6	11
20	Classification of solvents based on their coordination power to nickel(II) ion. A new measure for solvent donor ability. <i>Inorganic Chemistry</i> , 1985 , 24, 1638-1643	5.1	37
19	Autoreduction of copper(II) complexes of 6,6'-diakyl-2,2'-bipyridine and characterization of their copper(I) complexes. <i>Inorganica Chimica Acta</i> , 1984 , 84, 79-84	2.7	38
18	Copper-63 NMR studies of copper(I) complexes. Relationship between copper-63 chemical shift and metal-ligand binding. <i>Inorganic Chemistry</i> , 1984 , 23, 4388-4390	5.1	11
17	UV photoelectron spectra of some transition metal(II) acetylacetonates. <i>Polyhedron</i> , 1983 , 2, 43-46	2.7	19
16	The Affinity for Carbon Monoxide, Electrochemical and Spectral Properties of Binuclear Copper(I) Complexes. <i>Bulletin of the Chemical Society of Japan</i> , 1983 , 56, 2258-2262	5.1	11
15	Cyclic Phosphorylation Reaction of Diols with Tri(1-imidazolyl)phosphine. <i>Bulletin of the Chemical Society of Japan</i> , 1983 , 56, 3483-3485	5.1	10
14	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. <i>Bulletin of the Chemical Society of Japan</i> , 1982 , 55, 3491-3495 ²	5.1	11
13	New mixed-ligand copper(I) complexes with 2,2'-bipyridine and their NMR spectra. <i>Inorganic Chemistry</i> , 1982 , 21, 3842-3843	5.1	18
12	Effect of substituents on the charge transfer band of copper(I) complexes with 4-monosubstituted pyridines. <i>Inorganica Chimica Acta</i> , 1982 , 59, 219-223	2.7	25
11	Is the oxygen atom of carbon monoxide coordinated to the copper of hemocyanin?. <i>Journal of Inorganic Biochemistry</i> , 1982 , 16, 319-22	4.2	4
10	Binuclear copper(I) complexes which reversibly react with carbon monoxide. 1. Di- μ -halogeno-bis(2,2'-bipyridine)dicopper(I) and its derivatives. <i>Inorganic Chemistry</i> , 1981 , 20, 2261-2267	5.1	63
9	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. <i>Journal of the American Chemical Society</i> , 1980 , 102, 2429-2437	16.4	13
8	Photoelectron spectroscopic study on metalloctaethylporphyrins. <i>Inorganic Chemistry</i> , 1979 , 18, 1345-1349	5.1	40
7	Effect of pH on the carbon-13 nuclear magnetic resonance spectra of cobalt(II), nickel(II), copper(II), and manganese(II) complexes of histidine. <i>The Journal of Physical Chemistry</i> , 1978 , 82, 89-97		12
6	Control of hysteretic sorption of flexible MOF for practical acetylene safe storage		2
5	Application to Inorganic Materials		0

4	Hybridization of Emerging Crystalline Porous Materials: Synthesis Dimensionality and Electrochemical Energy Storage Application. <i>Advanced Energy Materials</i> ,2100321	21.8	11
3	Guest-selective gate-opening by pore engineering of two-dimensional Kagom lattice porous coordination polymers. <i>Natural Sciences</i> ,e10020		
2	How Reproducible are Surface Areas Calculated from the BET Equation?. <i>Advanced Materials</i> ,2201502	24	12
1	Shape- and Size-Dependent Kinetic Ethylene Sieving from a Ternary Mixture by a Trap-and-Flow Channel Crystal. <i>Advanced Functional Materials</i> ,2203745	15.6	5