Magnetic metalâ€“organic frameworks

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#	Article	IF	Citations
1	M2(N3)4(hmt)(H2O) (M = Co2+ and Ni2+, hmt = hexamethylenetetramine): mixed azide-hmt bridged 3D metal frameworks with long-range magnetic ordering. CrystEngComm, 2009, 11, 2096.	1.3	18
3	Metalâ€"Organic Perovskites: Synthesis, Structures, and Magnetic Properties of [C(NH₂)₃][M^{II}(HCOO)₃] (M=Mn, Fe, Co, Ni, Cu, and Zn;) Tj ETQq1 1 0.784314 rgB	1.7	284
4	Potential applications of metal-organic frameworks. Coordination Chemistry Reviews, 2009, 253, 3042-3066.	9.5	1,422
5	Synthesis, crystal structure and magnetic properties of one-dimensional cyano-bridged bimetallic complex of [Mn(Me2-bipy)2]3[W(CN)8]2Â·9H2O. Inorganic Chemistry Communication, 2009, 12, 1179-1181.	1.8	6
6	Anisotropic mechanical properties of polymorphic hybrid inorganicâ€"organic framework materials with different dimensionalities. Acta Materialia, 2009, 57, 3481-3496.	3.8	103
7	Two-Dimensional Networks of Lanthanide Cubane-Shaped Dumbbells. Inorganic Chemistry, 2009, 48, 11748-11754.	1.9	67
8	Study of the Influence of the Bridge on the Magnetic Coupling in Cobalt(II) Complexes. Inorganic Chemistry, 2009, 48, 11342-11351.	1.9	81
9	Rational Designs for Highly Proton-Conductive Metalâ^'Organic Frameworks. Journal of the American Chemical Society, 2009, 131, 9906-9907.	6.6	637
10	Synthesis, Crystal Structures, and Properties of Molecular Squares Displaying Hydrogen and Ï€â^'Ï€ Bonded Networks. Crystal Growth and Design, 2009, 9, 2734-2741.	1.4	25
11	Cobalt(II) Sheet-Like Systems Based on Diacetic Ligands: from Subtle Structural Variances to Different Magnetic Behaviors. Inorganic Chemistry, 2009, 48, 6086-6095.	1.9	51
12	Unique (3,13)-Connected Coordination Framework Based on Pentacobalt Clusters Constructed from the (3,12)-Connected Analogue and 4,4â€²-Bipyridyl Spacer: Structural and Magnetic Aspects. Crystal Growth and Design, 2009, 9, 4239-4242.	1.4	54
13	Relating Mechanical Properties and Chemical Bonding in an Inorganicâ^'Organic Framework Material: A Singleâ^'Crystal Nanoindentation Study. Journal of the American Chemical Society, 2009, 131, 14252-14254.	6.6	77
14	Co(II) Metalâ^'Organic Frameworks (MOFs) Assembled from Asymmetric Semirigid Multicarboxylate Ligands: Synthesis, Crystal Structures, and Magnetic Properties. Crystal Growth and Design, 2009, 9, 5273-5282.	1.4	124
15	Co(ii) and Cr(iii) complexes of formateâ€"formamide mixed ligands: synthesis, structures, single crystal-to-single crystal transformation and magnetic behaviour. Dalton Transactions, 2009, , 10343.	1.6	15
16	Reactivity of 4-amino-3,5-bis(pyridin-2-yl)-1,2,4-triazole, structures and magnetic properties of polynuclear and polymeric Mn(ii), Cu(ii) and Cd(ii) complexes. Dalton Transactions, 2009, , 10284.	1.6	69
17	PERSPECTIVES OF STUDY ON LOW NUCLEARITY CARBOXYLATE COMPLEXES. Comments on Inorganic Chemistry, 2009, 30, 67-88.	3.0	11
18	Recent Advances in Molecular Magnetic Materials. Australian Journal of Chemistry, 2009, 62, 1081.	0.5	78
19	Interpenetrating Polyhedral MOF with a Primitive Cubic Network Based on Supermolecular Building Blocks Constructed of a Semirigid <i>C</i>₃-Symmetric Carboxylate Ligand. Inorganic Chemistry, 2009, 48, 8057-8059.	1.9	74

#	Article	IF	Citations
20	Consecutive Irreversible Single-Crystal to Single-Crystal and Reversible Single-Crystal to Glass Transformations and Associated Magnetism of the Coordination Polymer, [MnII(rac-pnH)(H2O)CrIII(CN)6]Â·H2O. Inorganic Chemistry, 2009, 48, 10726-10736.	1.9	30
21	From Metalloligand to Interpenetrating Channels: Synthesis, Characterization, and Properties of a 2pâ^'3dâ^'4f Heterometallic Coordination Polymer {[Na₅Cu₈Sm₄(NTA)₈(ClO₄)₈(H₂O)<sub> Inorganic Chemistry, 2009, 48, 6326-6328.	1.9	54
22	Aggregation of <scp>l</scp>-Cysteinato Tricobaltate(III) Anions by Lanthanide(III) Cations into Dimensional Structures That are Controlled by Diastereoisomerism and Ionic Size. Chemistry Letters, 2010, 39, 1212-1214.	0.7	17
23	Understanding gas separation in metalâ€"organic frameworks using computer modeling. Journal of Materials Chemistry, 2010, 20, 10308.	6.7	80
24	A Multifaceted Cage Cluster, [Co^{II}₆O₁₂ âŠƒ X]^{â^'} (X =) Tj ETQq0 0 0 rgBT /Overloc Materials, 2010, 22, 4328-4334.	3.2	78
25	Hydrogen-Bonded Dicubane Co^{II}₇ Single-Molecule-Magnet Coordinated by in Situ Solvothermally Generated 1,2-Bis(8-hydroxyquinolin-2-yl)ethane-1,2-diol Arranged in a Trefoil. Chemistry of Materials, 2010, 22, 2114-2119.	3.2	115
26	Hydro(solvo)thermal synthesis of homochiral metalâ€"camphorate coordination polymers. CrystEngComm, 2010, 12, 3909.	1.3	13
27	MOFs, MILs and more: concepts, properties and applications for porous coordination networks (PCNs). New Journal of Chemistry, 2010, 34, 2366.	1.4	1,039
28	Synthesis, crystal structures, luminescent and thermal properties of two new metalâ€"organic coordination polymers based on zinc(ii) carboxylates. New Journal of Chemistry, 2010, 34, 2445.	1.4	34
29	Supramolecular coordination chemistry of aromatic polyoxalamide ligands: A metallosupramolecular approach toward functional magnetic materials. Coordination Chemistry Reviews, 2010, 254, 2281-2296.	9.5	178
30	Alkyl group dependence on structure and magnetic properties in layered cobalt coordination polymers containing substituted glutarate ligands and 4,4â€²-bipyridine. Journal of Solid State Chemistry, 2010, 183, 291-303.	1.4	22
31	Three novel supramolecular barium complexes with heterocyclic sulfonate ligands: Effect of ligand structure and auxiliary anions. Journal of Molecular Structure, 2010, 975, 173-179.	1.8	4
32	Building MOF bottles around phosphotungstic acid ships: One-pot synthesis of bi-functional polyoxometalate-MIL-101 catalysts. Journal of Catalysis, 2010, 269, 229-241.	3.1	311
33	Pillared Layered Metal Phosphonates Showing Fieldâ€Induced Magnetic Transitions. European Journal of Inorganic Chemistry, 2010, 2010, 895-901.	1.0	8
34	Synthesis, Structures, and Magnetic Properties of Two Cobalt(II) Isophthalate Coordination Polymers. European Journal of Inorganic Chemistry, 2010, 2010, 3850-3855.	1.0	19
35	Two Cobalt Compounds Based on Azide/Methoxy and Isonicotinate N-Oxide Ligands Exhibiting Ferromagnetic and Antiferromagnetic Interactions. European Journal of Inorganic Chemistry, 2010, 2010, 4444-4449.	1.0	14
36	Manganeseâ€Based Metalâ€"Organic Frameworks as Heterogeneous Catalysts for the Cyanosilylation of Acetaldehyde. European Journal of Inorganic Chemistry, 2010, 2010, 3804-3812.	1.0	66
37	Ferroceneâ€Containing Coordination Polymers: Ligand Design and Assembled Structures. European Journal of Inorganic Chemistry, 2010, 2010, 5355-5371.	1.0	94

#	Article	IF	Citations
38	Accelerated Syntheses of Porous Isostructural Lanthanideâ€“Benzenetricarboxylates (Lnâ€“BTC) Under Ultrasound at Room Temperature. European Journal of Inorganic Chemistry, 2010, 2010, 4975-4981.	1.0	69
39	Three New Polycatenation Networks Based on 4,4â€²-Oxybis(benzoate) and Bis(imidazole) Ligands: Synthesis, Structure and Photoluminescence. European Journal of Inorganic Chemistry, 2010, 2010, 5478-5483.	1.0	29
40	Topology Control of Porous Coordination Polymers by Building Block Symmetry. European Journal of Inorganic Chemistry, 2010, 2010, 5055-5057.	1.0	49
41	Formateâ€Based Magnetic Metalâ€“Organic Frameworks Templated by Protonated Amines. Advanced Materials, 2010, 22, 1526-1533.	11.1	236
42	Synthesis, Structure and Magnetic Phase Transitions of the Manganese Succinate Hybrid Framework, Mn(C₄H₄O₄). Chemistry - A European Journal, 2010, 16, 7579-7585.	1.7	37
43	Heterometallic Modular Metalâ€“Organic 3D Frameworks Assembled via New Trisâ€Î²â€Diketonate Metalloligands: Nanoporous Materials for Anion Exchange and Scaffolding of Selected Anionic Guests. Chemistry - A European Journal, 2010, 16, 12328-12341.	1.7	101
45	Waterâ€Vaporâ€Induced Reversible Switching of Electronic States in an MMXâ€Type Chain Complex with Retention of Single Crystallinity. Angewandte Chemie - International Edition, 2010, 49, 552-555.	7.2	23
46	Crystal structure and magnetic properties of Na2NiII(HPO3)2. Journal of Solid State Chemistry, 2010, 183, 2650-2655.	1.4	8
47	Synthetic, structural and spectroscopic studies of complexes derived from the copper(II) perchlorate/fumaric acid/N,Nâ€²-chelates tertiary reaction systems. Polyhedron, 2010, 29, 46-53.	1.0	14
48	Comparison of crystal structures and magnetic properties of two Co(II) complexes containing different dicarboxylic acid ligands. Polyhedron, 2010, 29, 1156-1162.	1.0	16
49	Coordination steric effect of N,N-dimethylformamide, N,N-dimethylacetamide and N-methyl-2-pyrrolidone on the assembly of coordination polymers. Polyhedron, 2010, 29, 2851-2856.	1.0	9
50	The syntheses, characterizations, X-ray crystal structures and properties of Cu(I) complexes of a bis-bidentate schiff base ligand. Inorganica Chimica Acta, 2010, 363, 1707-1712.	1.2	16
51	Divalent metal 1,3-phenylenediacetate coordination polymers with rigid or flexible dipyridyl tethers: Chains, layers, and interpenetrated networks. Inorganica Chimica Acta, 2010, 363, 2233-2242.	1.2	18
52	Synthesis, crystal structures and magnetic behavior of two 3D coordination polymers using N-(4/3-carboxyphenyl)iminodiacetic acids as bridging ligands. Inorganica Chimica Acta, 2010, 363, 3093-3101.	1.2	14
53	Synthesis, crystal structures, and characterization of three coordination compounds constructed from 4-sulfophthalic acid ligand. Inorganica Chimica Acta, 2010, 363, 2269-2278.	1.2	13
54	Syntheses, crystal structures and magnetic properties of 1D and 2D cobaltous coordination polymers with mixed ligands. Inorganica Chimica Acta, 2010, 363, 3784-3789.	1.2	16
55	Magnetic properties and circular dichroism of 1D chains built from chiral mononuclear and non-chiral trinuclear Cu(II) complexes with Î±-aminocarboxylates. Inorganica Chimica Acta, 2010, 363, 3453-3460.	1.2	15
56	Chiral and achiral layered divalent metal aromatic ortho-dicarboxylate coordination polymers with bis(4-pyridylmethyl)piperazine ligands: Luminescent behavior and magnetic properties. Inorganica Chimica Acta, 2010, 363, 3951-3958.	1.2	12

#	Article	IF	Citations
57	Pendant arm length control of dimensionality in cobalt dipyridylamine coordination polymers containing meta-benzenedicarboxylate ligands. Inorganica Chimica Acta, 2010, 363, 3966-3972.	1.2	11
58	Structure and luminescence of copper(I) cyanideâ€“amine and â€“sulfide networks. Inorganica Chimica Acta, 2010, 364, 102-114.	1.2	36
59	Vapor-phase adsorption of alkylaromatics on aluminum-trimesate MIL-96: An unusual increase of adsorption capacity with temperature. Microporous and Mesoporous Materials, 2010, 129, 274-277.	2.2	24
60	A 3-D lanthanum-organic framework containing double chains: La2[NC5H3(CO2)2]3Â·3H2O. Inorganic Chemistry Communication, 2010, 13, 649-652.	1.8	6
61	Three-dimensional microporous metalâ€“organic framework constructed from Cadmium(II) ion with terephthalate and in-situ generated amino-tetrazole mixed-ligands. Inorganic Chemistry Communication, 2010, 13, 762-765.	1.8	13
62	Spin canting in a novel (3,4)-connected mixed-valence cobalt coordination polymer based on oxalates and [Co(Hbiim)3] (H2biim=2,2â€²-biimidazole) building blocks. Inorganic Chemistry Communication, 2010, 13, 1100-1102.	1.8	10
63	Poly[bis(Î¼-4-benzoyl-1-isonicotinoylthiosemicarbazide-Îº2N:S)dichloridocadmium(II)]. Acta Crystallographica Section C: Crystal Structure Communications, 2010, 66, m127-m129.	0.4	2
64	Oneâ€Dimensional and Twoâ€Dimensional Coordination Polymers of Copper(II) Nitrobenzoate with Bridging 3â€Pyridylmethanol Ligand. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 636, 589-594.	0.6	4
65	Two Ala-Gln Dipeptide-based Supramolecular Layers Decorated with Amino Acid Residues. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 636, 2539-2542.	0.6	5
66	Hydrogenâ€Bondâ€Based Magnetic Exchange Between Î¼â€Diethylnicotinamide(aqua)bis(Xâ€salicylato)copper(II) Polymeric Chains. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 224-231.	0.6	3
67	Facile Synthesis of Vanadium Metalâ€“Organic Frameworks and their Magnetic Properties. Small, 2010, 6, 1598-1602.	5.2	50
68	Synthesis, Crystal Structure, Magnetic, Thermal and Fluorescent Properties of [Co(H₂O)₄(nia)₂](suc)Â·(H₂suc). Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2010, 65, 695-700.	0.3	4
69	Flexible Two-Dimensional Square-Grid Coordination Polymers: Structures and Functions. International Journal of Molecular Sciences, 2010, 11, 3803-3845.	1.8	113
70	Uniaxial pressure effect on the magnetic properties of the metal-organic hybrid compound CoII(H2O)6pyromellitate. Journal of Physics: Conference Series, 2010, 200, 032043.	0.3	0
71	Muon spin relaxation investigation of magnetic ordering in the hybrid organic-inorganic perovskites<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:mo>[</mml:mo><mml:mrow><mml:msub><mml:mrow><mml:mrow><mml:mo>(</m Physical Review B, 2010, 82, .	1.1	47
73	Crystal Structures and Magnetic or Photoluminescent Properties of Copper(II) and Zinc(II)-5-Sulfoisophthalate Coordination Polymers. Australian Journal of Chemistry, 2010, 63, 1565.	0.5	6
74	Two-Dimensional Coordination Polymer with a Non-interpenetrated (4,4) Net Showing Anion Exchange and Structural Transformation in Single-Crystal-to-Single-Crystal Fashion. Inorganic Chemistry, 2010, 49, 5883-5889.	1.9	79
75	Rational synthesis and characterization of porous Cu(ii) coordination polymers. Physical Chemistry Chemical Physics, 2010, 12, 2519.	1.3	38

#	Article	IF	Citations
76	Two 3D Triazolateâ^'Tricarboxylate-Bridged Cu^{II/I} Frameworks by One-Pot Hydrothermal Synthesis Exhibiting Spin-Canted Antiferromagnetism and Strong Antiferromagnetic Couplings. Inorganic Chemistry, 2010, 49, 7969-7975.	1.9	105
77	Functionalized 1,2,3-triazoles as building blocks for photoluminescent POLOs (polymers of oligomers) of copper(i). Dalton Transactions, 2010, 39, 2631.	1.6	66
78	Giant Magnetic Hardness in the Synthetic Mineral Ferrimagnet K₂Co^{II}₃(OH)₂(SO₄)₃(H₂O)₂. Chemistry of Materials, 2010, 22, 4090-4095.	3.2	22
79	Cobalt phenylenediacetate coordination polymers containing long-spanning dipyridyl ligands: rectangular grid, primitive cubic, and 5-connected Archimedean layered net topologies. CrystEngComm, 2010, 12, 1927.	1.3	39
80	Coordination polymers of the conformation-flexible 1,2,4,5-cyclohexanetetracarboxylate: synthesis, structures and transforming mechanism studies. CrystEngComm, 2010, 12, 3748.	1.3	19
81	Self-assembly, thermal stability and photoluminescence of two mixed-ligand silver(i) networks via 2D â†' 2D and 2D â†' 3D parallel interpenetration of (4,4) nets. CrystEngComm, 2010, 12, 4161.	1.3	56
82	Highly emissive metalâ€"organic framework composites by hostâ€"guest chemistry. Photochemical and Photobiological Sciences, 2010, 9, 846.	1.6	55
83	Metalâ€"organic frameworks as semiconductors. Journal of Materials Chemistry, 2010, 20, 3141.	6.7	441
84	Influence of the Synthetic Conditions on the Structural Diversity of Extended Manganeseâ^'Oxalatoâ^'1,2-bis(4-pyridyl)ethylene Systems. Inorganic Chemistry, 2010, 49, 11346-11361.	1.9	29
85	Spin Canting and Slow Relaxation in a 3D Pillared Nickelâ^'Organic Framework. Inorganic Chemistry, 2010, 49, 2525-2529.	1.9	39
86	Magnetic Properties of Segregated Layers Containing MII3(Î¼3â^'OH)2(M = Co or Ni) Diamond Chains Bridged bycis,cis,cis-1,2,4,5-Cyclohexanetetracarboxylate. Inorganic Chemistry, 2010, 49, 9700-9708.	1.9	12
87	Coordination Polymers and Networks Constructed from Bidentate Ligands Linked with Sulfonamide and Silver(I) Ions. Crystal Growth and Design, 2010, 10, 2291-2297.	1.4	22
88	Structural, Spectroscopic, and Magnetic Characterization of the Coordination Polymers [M^{II}(NCS)₂(bpe)₂]Â·3H₂OÂ·2C₂H₆SO [M = Co, Ni; bpe = 1,2-Bis(4-pyridyl)ethylene]. Two Interpenetrated Porous Networks. Crystal Growth and Design, 2010, 10, 4874-4882.	1.4	14
89	Synthesis and Magnetic Properties of Dual-Ligand Divalent Copper Coordination Polymers with Rhomboid Layer, Archimedean Grid, and Self-Penetrated Network Topologies. Crystal Growth and Design, 2010, 10, 335-343.	1.4	43
90	Structure and Magnetic Field-Induced Transition in a One-Dimensional Hybrid Inorganicâ^'Organic Chain System, Co₂(4,4â€²-bpy)(tfhba)₂Â·4,4â€²-bpy (4,4â€²-bpy = 4,4â€²-Bipyridine; tfhba =) Tj ET Q q 0 0 0 rg	1.9	15
91	Highly Connected Three-Dimensional Metalâ^'Organic Frameworks Based on Polynuclear Secondary Building Units. Crystal Growth and Design, 2010, 10, 3675-3684.	1.4	73
92	Molecular Hydrogen â€œPairingâ€•Interaction in a Metal Organic Framework System with Unsaturated Metal Centers (MOF-74). Journal of the American Chemical Society, 2010, 132, 14834-14848.	6.6	61
93	Structural and Chemical Control in Assembly of Multicomponent Metalâ^'Organic Coordination Networks on a Surface. Journal of the American Chemical Society, 2010, 132, 10756-10761.	6.6	94

#	Article	IF	Citations
94	Mixed Azide and 5-(Pyrimidyl)tetrazole Bridged Co(II)/Mn(II) Polymers: Synthesis, Crystal Structures, Ferroelectric and Magnetic Behavior. Inorganic Chemistry, 2010, 49, 8583-8590.	1.9	90
95	Traditional and Microwave-Assisted Solvothermal Synthesis and Surface Modification of Co₇ Brucite Disk Clusters and Their Magnetic Properties. Chemistry of Materials, 2010, 22, 4295-4303.	3.2	107
96	Construction of Metalâ˜'Organic Frameworks with Novel {Zn₈O₁₃} SBU or Chiral Channels through in Situ Ligand Reaction. Crystal Growth and Design, 2010, 10, 3324-3326.	1.4	53
97	Metalâ˜'Organic Framework Isomers with Diamondoid Networks Constructed of a Semirigid Tetrahedral Linker. Crystal Growth and Design, 2010, 10, 5327-5333.	1.4	32
98	Rigid Pillars and Double Walls in a Porous Metal-Organic Framework: Single-Crystal to Single-Crystal, Controlled Uptake and Release of Iodine and Electrical Conductivity. Journal of the American Chemical Society, 2010, 132, 2561-2563.	6.6	620
99	Systematic Synthesis of a Metal Organic Framework Based on Triangular Cu3(Î¼3-OH) Secondary Building Units: From a 0-D Complex to a 1-D Chain and a 3-D Lattice. Crystal Growth and Design, 2010, 10, 2606-2612.	1.4	35
100	Growth of Metalâ˜'Organic Frameworks on Polymer Surfaces. Journal of the American Chemical Society, 2010, 132, 15687-15691.	6.6	147
101	Synthesis, Magnetic Structure, and Properties of a Layered Cobaltâ˜'Hydroxide Ferromagnet, Co₅(OH)₆(SeO₄)₂(H₂O)₄. Inorganic Chemistry, 2010, 49, 3019-3024.	1.9	10
102	A Unique Cobalt(II)-Based Molecular Magnet Constructed of Hydroxyl/Carboxylate Bridges with a 3D Pillared-Layer Motif. Inorganic Chemistry, 2010, 49, 6436-6442.	1.9	99
103	Reversible Magnetism between an Antiferromagnet and a Ferromagnet Related to Solvation/Desolvation in a Robust Layered [Ru₂]₂TCNQ Charge-Transfer System. Journal of the American Chemical Society, 2010, 132, 11943-11951.	6.6	135
104	Control of Charge Transfer in a Series of Ru₂^{II,II}/TCNQ Two-Dimensional Networks by Tuning the Electron Affinity of TCNQ Units: A Route to Synergistic Magnetic/Conducting Materials. Journal of the American Chemical Society, 2010, 132, 1532-1544.	6.6	165
105	Structure and physical properties of substituted malonate divalent metal coordination polymers with dipyridylamine co-ligands: acentric chain, herringbone layer, and novel binodal network topologies. CrystEngComm, 2010, 12, 888-897.	1.3	20
106	Co(II) Coordination Polymers: Positional Isomeric Effect, Structural and Magnetic Diversification. Crystal Growth and Design, 2010, 10, 1145-1154.	1.4	106
107	A Unique Optical and Electrical Multifunctional Metalâ˜'Organic Framework Based on Polynuclear Rod-Shaped Secondary Building Units Constructed from a â€œThree Birds with One Stoneâ€•in Situ Reaction Process. Crystal Growth and Design, 2010, 10, 2272-2277.	1.4	38
108	Unique (3,12)-Connected Porous Lanthanideâ˜'Organic Frameworks Based on Ln₄O₄ Clusters: Synthesis, Crystal Structures, Luminescence, and Magnetism. Inorganic Chemistry, 2010, 49, 1865-1871.	1.9	107
109	Long-range ordering or not: magnetic properties modulated by second ligands in flexible three-dimensional metalâ€“organic frameworks. Chemical Communications, 2010, 46, 5349.	2.2	44
110	First report on N,Nâ€²-diisoalkylisonicotinamide 1D coordination network containing linear trinuclear [Co3L4Cl6] units with mixed CoII(Td)â€“CoII(Oh)â€“CoII(Td) geometries: structure and magnetic properties. Dalton Transactions, 2010, 39, 7951.	1.6	15
111	Coordination polymers using (2-pyridyl)alkylamine-appended carboxylates: magnetic properties. New Journal of Chemistry, 2010, 34, 2357.	1.4	38

#	Article	IF	Citations
112	Cracking the framework of bulk CuCN with flexible bipyrazolyl-based ligands to assemble [CuCN]n-based coordination polymers. Dalton Transactions, 2010, 39, 7659.	1.6	53
113	Gas storage in porous metalâ€“organic frameworks for clean energy applications. Chemical Communications, 2010, 46, 44-53.	2.2	1,210
114	X-ray absorption spectroscopies: useful tools to understand metallorganic frameworks structure and reactivity. Chemical Society Reviews, 2010, 39, 4885.	18.7	130
115	Polymetallic Oxalate-Based 2D Magnets: Soluble Molecular Precursors for the Nanostructuration of Magnetic Oxides. Journal of the American Chemical Society, 2010, 132, 5456-5468.	6.6	62
116	Metal carboxylate-phosphonates containing flexible N-donor co-ligands. Dalton Transactions, 2010, 39, 4559.	1.6	28
117	4-Carboxylphthalhydrazidate-bridged layered Pb(ii) coordination polymers. CrystEngComm, 2010, 12, 1850.	1.3	28
118	Systematic exploration of a rutile-type zinc(ii)â€“phosphonocarboxylate open framework: the factors that influence the structure. Dalton Transactions, 2010, 39, 10712.	1.6	13
119	Versatile functionalities in MOFs assembled from the same building units: interplay of structural flexibility, rigidity and regularity. Journal of Materials Chemistry, 2010, 20, 1322-1331.	6.7	71
120	Tetracarboxylate-based Co(ii), Ni(ii) and Cu(ii) three-dimensional coordination polymers: syntheses, structures and magnetic properties. Dalton Transactions, 2010, 39, 9123.	1.6	41
121	A hybrid cobalt hydroxyacetate magnet: ionothermal synthesis, 3-D Coâ€“Oâ€“Co connectivity and spin glass behavior. Dalton Transactions, 2010, 39, 1179-1181.	1.6	6
122	Nanoporous metalâ€“organic framework comprising of 1D cobalt oxalate chains and flexible ligands exhibiting both dynamic gas adsorption and antiferromagnetic chain behaviours. CrystEngComm, 2010, 12, 2225.	1.3	19
123	Isomer dependent self-penetrated topologies and cluster subunits in copper phenylenediacetate coordination polymers with flexible dipyridyl ligands. CrystEngComm, 2010, 12, 2374.	1.3	34
124	Solvothermal synthesis of two unique metalâ€“organic frameworks: a 3-fold interpenetrating (3,4,5)-connected network and a 2-fold interpenetrating (4,5)-connected network. CrystEngComm, 2010, 12, 348-351.	1.3	35
125	Organically-templated KagomÃ© compounds containing two transition metal ions. Dalton Transactions, 2010, 39, 6947.	1.6	10
126	An Unusual 3D Entangled Co(II) Coordination Polymer Directed by Ferromagnetic Molecular Building Block. Inorganic Chemistry, 2010, 49, 10422-10426.	1.9	53
127	Neutron diffraction study of the magnetic structures of manganese succinate<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mtext>Mn</mml:mtext><mml:mrow><mml:mo>(</mml:mo><mml:mrow><mml:msub><mml:mt A complex inorganic-organic framework. Physical Review B, 2010, 82, .	1.1	18
128	A new Cd4-2,4-pyridinedicarboxylate layered coordination polymer consisting of intralayer cavities and reversible network self-adaptation upon dehydration/moisture-absorption. CrystEngComm, 2010, 12, 1779.	1.3	21
129	Luminescent boracite-like metalâ€“organic frameworks constructed by Cu-centered CuCu4 tetrahedra and CuCu3 triangles with an acentric cubic superlarge cell. CrystEngComm, 2010, 12, 55-58.	1.3	15

#	Article	IF	Citations
130	Three-dimensional metal phosphonodicarboxylates with GIS-zeolite topology: syntheses, structures and magnetic studies. Dalton Transactions, 2010, 39, 10631.	1.6	21
131	Anion- and auxiliary ligand-directed synthesis of cadmium(<scp>ii</scp>) complexes with 3,5-di(1H-imidazol-1-yl)benzoate. CrystEngComm, 2011, 13, 1539-1549.	1.3	44
132	Design and in situ synthesis of a Cu-based porous framework featuring isolated double chain magnetic character. Chemical Communications, 2011, 47, 11008.	2.2	33
133	A unique 2D â† 3D polycatenation cobalt(ii)-based molecule magnet showing coexistence of paramagnetism and canted antiferromagnetism. Chemical Communications, 2011, 47, 3766.	2.2	64
134	Syntheses, structures and magnetic properties of cobalt(ii) and nickel(ii) complexes based on 5-methylisophthalate and different dipyridyl-containing ligands. CrystEngComm, 2011, 13, 4973.	1.3	18
135	Coordination polymers constructed by 1,3-bi(4-pyridyl)propane with four different conformations and 2,2â€²-dinitro-4,4â€²-biphenyldicarboxylate ligands: the effects of metal ions. CrystEngComm, 2011, 13, 1291-1298.	1.3	51
136	Metalâ€“organic frameworks with rare topologies: lonsdaleite-type metal formates and their magnetic properties. CrystEngComm, 2011, 13, 2197.	1.3	16
137	Solvent-mediated crystal-to-crystal transformation within the CoBr2(1,4-dioxane)m(H2O)n family (m =) Tj ETQq1 1 0.784314 rgBT /O	1.3	11
138	Hydrothermal syntheses, crystal structures and magnetic properties of four Mn(ii) and Co(ii) coordination polymers generated from new carboxylate-introduced 1,2,3-triazole ligands. CrystEngComm, 2011, 13, 3868.	1.3	37
139	Self-adaptation of a conformationally flexible yet restricted â€œpiperazine-pyrazineâ€•building block toward the design of coordination polymers. CrystEngComm, 2011, 13, 2960.	1.3	8
140	Synthesis, structure, surface photovoltage and magnetic properties of a novel 3D homochiral manganese phosphonate with right-handed helical chains. CrystEngComm, 2011, 13, 3317.	1.3	43
141	Synthesis of a novel isoreticular metalâ€“organic framework by protection and complexation of 2,5-dihydroxyterephthalic acid. Supramolecular Chemistry, 2011, 23, 315-318.	1.5	8
142	Facile synthesis of metalâ€“organic cobalt hydroxide nanorods exhibiting a reversible structural transition. Chemical Communications, 2011, 47, 11002.	2.2	13
143	Design and construction of coordination polymers based on 2,2â€²-dinitro-4,4â€²-biphenyldicarboxylate and imidazole-based ligands: The effect of ligand length and metal ions. CrystEngComm, 2011, 13, 4592.	1.3	40
144	Ancillary ligand-mediated syntheses and fluorescence properties of zinc(ii) complexes based on flexible benzene dicarboxylic acid. CrystEngComm, 2011, 13, 3013.	1.3	62
145	Isomorphous tetrazolate MnII and CoII compounds built on Î”-chain showing different magnetic behaviors. Dalton Transactions, 2011, 40, 11955.	1.6	22
146	Co-ligand-directed structural and magnetic diversities in an anisotropic CoIIâ€“triazolate system. Dalton Transactions, 2011, 40, 8132.	1.6	30
147	A 2D homochiral inorganicâ€“organic framework exhibiting a spinâ€–flop transition. Dalton Transactions, 2011, 40, 7147.	1.6	21

#	Article	IF	Citations
148	A flexible copper based microporous metalâ€“organic framework displaying selective adsorption of hydrogen over nitrogen. Dalton Transactions, 2011, 40, 3398.	1.6	22
149	Understanding ligand-centred photoluminescence through flexibility and bonding of anthraquinone inorganicâ€“organic frameworks. Journal of Materials Chemistry, 2011, 21, 6595.	6.7	17
150	Design and construction of coordination polymers by 2,2â€²-dinitro-4,4â€²-biphenyldicarboxylate and imidazole-based ligands: diverse structures based on different metal ions. CrystEngComm, 2011, 13, 2457.	1.3	26
151	Structural evolution and magnetic properties of CoII coordination polymers varied from 1D to 3D constructed by 1,4-bis(1,2,4-triazol-1-ylmethyl)benzene. Dalton Transactions, 2011, 40, 7993.	1.6	26
152	New topology observed in highly rare interlaced triple-stranded molecular braid. CrystEngComm, 2011, 13, 421-425.	1.3	13
153	Controlled assembly of an unprecedented 2D + 3D interpenetrated array of (4,4)-connected and pcu topologies. CrystEngComm, 2011, 13, 4814.	1.3	29
154	Observation of slow relaxation of the magnetization and hysteresis loop in an antiferromagnetic ordered phase of a 2D framework based on CoII magnetic chains. Chemical Communications, 2011, 47, 2859.	2.2	63
155	Rational creation of chiral multinuclear and metallosupramolecular compounds from thiol-containing amino acids. Dalton Transactions, 2011, 40, 7249.	1.6	71
156	Detailed investigations of phase transitions and magnetic structure in Fe(iii), Mn(ii), Co(ii) and Ni(ii) 3,4,5-trihydroxybenzoate (gallate) dihydrates by neutron and X-ray diffraction. Dalton Transactions, 2011, 40, 6401.	1.6	44
157	Mn(C2O4)(H2O)0.25: an antiferromagnetic oxalato-based cage compound. Dalton Transactions, 2011, 40, 5430.	1.6	6
158	A self assembled 3-D network propagated by coordination polymerization and H-bonding: synthesis and X-ray crystal structure of [{Co(L)₂(H₂O)₂}(ClO₄)₂(CH₃COCH₃)_n , where Lâ€‰=â€‰N,N-diisopropylisonicotinamide. Journal of Coordination Chemistry, 2011, 64, 1566-1577.	1.8	
159	Amine-Templated Anionic Metalâ€“Organic Frameworks with the 4,4â€²-(Hexafluoroisopropylidene) Bis(benzoic acid) Ligand. Crystal Growth and Design, 2011, 11, 2257-2263.	1.4	12
160	Synthesis, Structures, and Magnetism of Copper(II) and Manganese(II) Coordination Polymers with Azide and Pyridylbenzoates. Inorganic Chemistry, 2011, 50, 7284-7294.	1.9	88
161	Selective Incorporation of Auxiliary Organic Ligands in Metalâ€“Organic Frameworks Based on Twisted Î-Shaped Building Blocks. Crystal Growth and Design, 2011, 11, 5167-5170.	1.4	5
162	Magnetic Systems with Mixed Carboxylate and Azide Bridges: Slow Relaxation in Co(II) Metamagnet and Spin Frustration in Mn(II) Compound. Inorganic Chemistry, 2011, 50, 6314-6322.	1.9	78
163	Ionothermal Synthesis and Magnetic Studies of Novel Two-Dimensional Metalâ^'Formate Frameworks. Inorganic Chemistry, 2011, 50, 2159-2167.	1.9	15
164	Crystal Engineering Using a â€œTurtlebugâ€•Algorithm: A de Novo Approach to the Design of Binodal Metalâ€“Organic Frameworks. Crystal Growth and Design, 2011, 11, 3686-3693.	1.4	12
165	Syntheses, structures, and properties of lead(II) and nickel(II) complexes with 3,5-di(1H-imidazol-1-yl)benzoate. Journal of Coordination Chemistry, 2011, 64, 170-178.	0.8	6

#	Article	IF	Citations
166	Cyano-Bridged Pentanuclear and Honeycomblike M^{III}Cu^{II} (M = Fe, Cr) Bimetallic Assemblies: Structural Variations Modulated by Side Groups of Macrocyclic Ligands and Magnetic Properties. Inorganic Chemistry, 2011, 50, 1749-1757.	1.9	30
167	Homochiral, Helical Supramolecular Metalâ^'Organic Frameworks Organized by Strong Ï€Â·Â·Â·Ï€ Stacking Interactions: Single-Crystal to Single-Crystal Transformations in Closely Packed Solids. Inorganic Chemistry, 2011, 50, 686-704.	1.9	77
168	Structure and Gas Sorption Behavior of a New Three Dimensional Porous Magnesium Formate. Inorganic Chemistry, 2011, 50, 1392-1401.	1.9	39
169	Syntheses of Metalâ€“Organic Frameworks and Aluminophosphates under Microwave Heating: Quantitative Analysis of Accelerations. Crystal Growth and Design, 2011, 11, 4413-4421.	1.4	44
170	Interaction of Copper(II) with Ditopic Pyridyl-Î²-diketone Ligands: Dimeric, Framework, and Metallogel Structures. Crystal Growth and Design, 2011, 11, 1697-1704.	1.4	30
171	Metal to Ligand Interactions and Hydrogen Bonding in the Design of Metallosupramolecular Compounds: Effect of pH and Aprotic Solvents on the Nature of Materials Based on Bis(4-pyridylthio)methane and Copper(II) Chloride. Crystal Growth and Design, 2011, 11, 59-68.	1.4	21
172	Aggregation of [Au(CN)₄]^{â^'}Anions: Examination by Crystallography and¹⁵N CP-MAS NMR and the Structural Factors Influencing Intermolecular AuÂ·Â·Â·N Interactions. Inorganic Chemistry, 2011, 50, 1265-1274.	1.9	14
173	Super Flexibility of a 2D Cu-Based Porous Coordination Framework on Gas Adsorption in Comparison with a 3D Framework of Identical Composition: Framework Dimensionality-Dependent Gas Adsorptivities. Journal of the American Chemical Society, 2011, 133, 10512-10522.	6.6	112
174	A series of metalâ€“organic coordination polymers containing multiple chiral centers. CrystEngComm, 2011, 13, 1570-1579.	1.3	28
175	Antiferromagnetic ordering in cobalt(ii) and nickel(ii) 1D coordination polymers with the dithioamide of 1,3-benzenedicarboxylic acid. New Journal of Chemistry, 2011, 35, 2179.	1.4	13
176	Thiocyanate and Dicyanamide Anion Controlled Nuclearity in Mn, Co, Ni, Cu, and Zn Metal Complexes with Hemilabile Ligand 2-Benzoylpyridine. Crystal Growth and Design, 2011, 11, 3198-3205.	1.4	40
177	The diverse structures of Cd(ii) coordination polymers with 1,3,5-benzenetribenzoate tuned by organic bases. CrystEngComm, 2011, 13, 5825.	1.3	27
178	Pore-size tuning in double-pillared metalâ€“organic frameworks containing cadmium clusters. CrystEngComm, 2011, 13, 3321.	1.3	49
179	Spin Canting and Metamagnetism in 2D and 3D Cobalt(II) Coordination Networks with Alternating Double End-On and Double End-to-End Azido Bridges. Inorganic Chemistry, 2011, 50, 7324-7333.	1.9	68
180	Enantiopure chiral coordination polymers of tetrahedral and octahedral cobalt(ii) alternate chains exhibiting slow magnetic relaxation behavior. Dalton Transactions, 2011, 40, 5680.	1.6	38
181	Two new metal-organic frameworks possessing binodal high-connected topologies based on Cd₄-clusters and organic ligands. Journal of Coordination Chemistry, 2011, 64, 222-231.	0.8	13
182	Porous Metalâ€“Organic Frameworks. , 2011, , 1-20.		4
183	A zinc(ii) metalâ€“organic framework based on triazole and dicarboxylate ligands for selective adsorption of hexane isomers. Chemical Communications, 2011, 47, 7197.	2.2	55

#	Article	IF	Citations
184	Construction of Coordination Polymers Based on Bent 4-Amino-3,5-bis(3-carboxyphenyl)-1,2,4-triazole Ligand: Diverse Structural Topology and Photoluminescent and Magnetic Properties. Crystal Growth and Design, 2011, 11, 1475-1485.	1.4	41
185	A series of novel entangled coordination frameworks with inherent features of self-threading, polyrotaxane and polycatenane. CrystEngComm, 2011, 13, 4988.	1.3	56
186	Three three-dimensional anionic metalâ€“organic frameworks with (4,8)-connected alb topology constructed from a semi-rigid ligand and polynuclear metal clusters. CrystEngComm, 2011, 13, 6057.	1.3	19
187	Immobilization of MP-11 into a Mesoporous Metalâ€“Organic Framework, MP-11@mesoMOF: A New Platform for Enzymatic Catalysis. Journal of the American Chemical Society, 2011, 133, 10382-10385.	6.6	563
188	Porous metalâ€“organic frameworks as platforms for functional applications. Chemical Communications, 2011, 47, 3351.	2.2	798
189	One-dimensional coordination polymers of a flexible bis(pyridylurea) ligand. CrystEngComm, 2011, 13, 6285.	1.3	12
190	Two- and Three-Dimensional Copper 5-Sulfoisophthalate Coordination Polymers with Conformationally Flexible Dipyridyl-Piperazine Type Co-Ligands. Crystal Growth and Design, 2011, 11, 1328-1337.	1.4	44
191	The novel metalloligand [Fe(bppd)3] (bppd = 1,3-bis(4-pyridyl)-1,3-propanedionate) for the crystal engineering of heterometallic coordination networks with different silver salts. Anionic control of the structures. CrystEngComm, 2011, 13, 5891.	1.3	45
192	Palladium Nanoparticles Confined in the Cages of MIL-101: An Efficient Catalyst for the One-Pot Indole Synthesis in Water. ACS Catalysis, 2011, 1, 1604-1612.	5.5	151
193	The coordination chemistry of Zn(ii), Cd(ii) and Hg(ii) complexes with 1,2,4-triazole derivatives. Dalton Transactions, 2011, 40, 8475.	1.6	128
194	Role of solvents in coordination supramolecular systems. Chemical Communications, 2011, 47, 5958.	2.2	624
195	Framework-structured weak ferromagnets. Chemical Society Reviews, 2011, 40, 3157.	18.7	379
196	Magnetic Ordering in Three-Dimensional Metalâ€“Organic Frameworks Based on Carboxylate Bridged Square-Grid Layers. Inorganic Chemistry, 2011, 50, 8144-8152.	1.9	46
197	Two unusual (4,6)- and 8-connected metalâ€“organic frameworks constructed from flexible 1,4-benzenebis(thioacetic acid) and pyridine-based ligands. CrystEngComm, 2011, 13, 684-689.	1.3	13
198	A 3D chiral porous In(iii) coordination polymer with PtS topological net. Dalton Transactions, 2011, 40, 9154.	1.6	39
199	Syntheses, structures and properties of coordination polymers of cadmium(ii) with 4-methyl-1,2,4-triazole-3-thiol ligand. CrystEngComm, 2011, 13, 1697.	1.3	30
200	Crystallographic Signatures of Cobalt Coordination with Modified Adenine Nucleobase Containing Carboxyl Group Pendants. Crystal Growth and Design, 2011, 11, 1623-1630.	1.4	18
201	A time-resolved diffraction study of a window of stability in the synthesis of a copper carboxylate metalâ€“organic framework. CrystEngComm, 2011, 13, 103-108.	1.3	130

#	Article	IF	Citations
202	Magneto-structural studies of two new cobalt(ii)-N,N-diisobutylisonicotinamide compounds: [CoLCl2]n and [Co(L)2(H2O)4][CoLBr3]2Â·2H2O. Dalton Transactions, 2011, 40, 12560.	1.6	12
203	Structural diversity and magnetic properties in 1D and 2D azido-bridged cobalt(<scp>ii</scp>) complexes with 1,2-bis(2-pyridyl)ethylene. Dalton Transactions, 2011, 40, 1254-1260.	1.6	23
204	Controlled assemblies of hepta- and trideca-Co^{II}clusters by a rational derivation of salicylalde schiff bases: microwave-assisted synthesis, crystal structures, ESI-MS solution analysis and magnetic properties. CrystEngComm, 2011, 13, 510-516.	1.3	29
205	Coordination Polymers in Selective Separation of Cations and Anions: A Series of Rarely Observed All Helical Three-Dimensional Coordination Polymers Derived from Various Chiral Amino Acid Based Bis-pyridyl-bis-amide Ligands. Crystal Growth and Design, 2011, 11, 5592-5597.	1.4	15
206	Facile synthesis of hierarchically superstructured praseodymium benzenetricarboxylate with controllable morphologies. CrystEngComm, 2011, 13, 452-458.	1.3	12
207	Variable behaviour of flexible N,O-mixed pyrazole ligand towards Zn(ii), Cd(ii) and Hg(ii) ions. Synthesis, crystal structure and fluorescent properties. CrystEngComm, 2011, 13, 6457.	1.3	25
208	Porous Anionic, Cationic, and Neutral Metal-Carboxylate Frameworks Constructed from Flexible Tetrapodal Ligands: Syntheses, Structures, Ion-Exchanges, and Magnetic Properties. Inorganic Chemistry, 2011, 50, 2264-2271.	1.9	90
209	Controlling interpenetration in CuCN coordination polymers by size of the pendant substituents of terpyridine ligands. CrystEngComm, 2011, 13, 6759.	1.3	20
210	Helical Water Chain Mediated Proton Conductivity in Homochiral Metalâ€“Organic Frameworks with Unprecedented Zeolitic unh-Topology. Journal of the American Chemical Society, 2011, 133, 17950-17958.	6.6	354
211	Zeolitic imidazolate framework-8 as a luminescent material for the sensing of metal ions and small molecules. Journal of Materials Chemistry, 2011, 21, 6649.	6.7	255
212	Solvent induced molecular magnetic changes observed in single-crystal-to-single-crystal transformation. Dalton Transactions, 2011, 40, 2092.	1.6	47
213	Metalâ€“biomolecule frameworks (MBioFs). Chemical Communications, 2011, 47, 7287.	2.2	371
215	Synthesis, Structure, and Photoluminescent Properties of Metalâ˜’Organic Coordination Polymers Assembled with Bithiophenedicarboxylic Acid. Inorganic Chemistry, 2011, 50, 3198-3205.	1.9	67
216	Pentacobalt(<scp>ii</scp>) cluster based pcu network exhibits both magnetic slow-relaxation and hysteresis behaviour. Dalton Transactions, 2011, 40, 27-30.	1.6	51
217	Construction of Coordination Polymers with a Bifurcating Ligand: Synthesis, Structure, Photoluminescence, and Magnetic Studies. Crystal Growth and Design, 2011, 11, 1122-1134.	1.4	55
218	Synthesis, structure of 3D lanthanide (La(III), Pr(III)) nanoporous coordination polymers containing 1D channels as selective luminescent probes of Pb2+, Ca2+ and Cd2+ ions. Synthetic Metals, 2011, 161, 2230-2240.	2.1	21
219	Microporous magnets. Chemical Society Reviews, 2011, 40, 3249.	18.7	498
220	Evolution of the structures and magnetic properties of the manganese dicarboxylates, Mn2(CO2(CH2)nCO2)(OH)2 and Mn4(CO2(CH2)nCO2)3(OH)2. Chemical Science, 2011, 2, 1929.	3.7	19

#	Article	IF	Citations
221	Irreversible transformation of chiral to achiral polymorph of K[Co(HCOO)3]: synthesis, structures, and magnetic properties. Dalton Transactions, 2011, 40, 4465.	1.6	33
222	Lanthanide, Y and Sc MOFs: where amazing crystal structures meet outstanding material properties. CrystEngComm, 2011, 13, 5031.	1.3	34
223	A Two-Dimensional Zinc(II)â€“Schiff Base Coordination Polymer Formed by Six-Membered Metallacyclic Repeating Motif: Structural Aspects, Thermal and Photophysical Properties. Bulletin of the Chemical Society of Japan, 2011, 84, 211-217.	2.0	33
224	Three novel lanthanide MOFs constructed from 1,3-benzenedicarboxylic acid and 1,10-phenanthroline: Hydrothermal synthesis, crystal structure and thermal properties. Journal of Molecular Structure, 2011, 1004, 39-44.	1.8	26
225	Study of the magnetism of absorbed paramagnetic gases in the metalâ€“organic hybrid Ni2(H2O)4PMÂ·2H2O. Polyhedron, 2011, 30, 3242-3244.	1.0	0
226	Surfactant-assisted facile synthesis of fluorescent zinc benzenedicarboxylate metal-organic framework nanorods with enhanced nitrobenzene explosives detection. Materials Chemistry and Physics, 2011, 131, 358-361.	2.0	43
227	Layered zinc 4-phosphonoisophthalates pillared by flexible bis(imidazole) Co-ligands. Inorganic Chemistry Communication, 2011, 14, 1677-1680.	1.8	10
228	Synthesis, structure and topological analysis of a novel 3D Cu coordination polymer from a flexible ligand of 1,3,5-triazine-2,4,6-triamine hexaacetic acid and coligand ethylenediamine. Inorganic Chemistry Communication, 2011, 14, 1924-1927.	1.8	12
229	Synthesis, crystal structure, and luminescent property of a three-dimensional (3day) microporous Cd(II) metal-organic framework (MOF) based on mixed ligands. Inorganic Chemistry Communication, 2011, 14, 1952-1956.	1.8	13
230	Coordination chemistry of the heterotopic 1,2-phenylenebis(thio)diacetic acid ligand: Rhodium(I), palladium(II) and nickel(II) complexes. Inorganica Chimica Acta, 2011, 374, 127-133.	1.2	2
231	Magnetic and catalytic properties of a new copper(II)â€“Schiff base 2D coordination polymer formed by connected helical chains. Inorganica Chimica Acta, 2011, 376, 245-254.	1.2	35
232	Effect of anions on cadmium(II) complexes with ligand 2-(pyrazin-2-yl)-1H-benzimidazole. Inorganica Chimica Acta, 2011, 376, 492-499.	1.2	17
233	Synthesis and characterization of new oligomeric and polymeric complexes based on the [CuII(bpca)]+ unit [Hbpca=bis(2-pyridylcarbonyl)amine]. Inorganica Chimica Acta, 2011, 376, 538-548.	1.2	14
234	A systematic study on the thermal decomposition reactions of coordination polymers based on metal(II) selenocyanates and 4,4â€²-bipyridine: Directed synthesis of a Î¼-1,3 bridging selenocyanate. Inorganica Chimica Acta, 2011, 377, 129-137.	1.2	4
235	New pyridine-monoacylhydrazidate-coordinated transition-metal complexes. Inorganica Chimica Acta, 2011, 378, 72-80.	1.2	20
236	Substituent dependent dimensionalities in cobalt isophthalate supramolecular complexes and coordination polymers containing dipyridylamine ligands. Inorganica Chimica Acta, 2011, 378, 269-279.	1.2	15
237	Synthesis of Phase-Pure Interpenetrated MOF-5 and Its Gas Sorption Properties. Inorganic Chemistry, 2011, 50, 3691-3696.	1.9	114
238	Hydroxyl Group Recognition by Hydrogen-Bonding Donor and Acceptor Sites Embedded in a Layered Metalâ€“Organic Framework. Journal of the American Chemical Society, 2011, 133, 11050-11053.	6.6	90

#	Article	IF	Citations
239	A one-dimensional coordination polymer exhibiting simultaneous spin-crossover and semiconductor behaviour. Chemical Communications, 2011, 47, 10233.	2.2	46
240	Mechanical properties of hybrid inorganicâ€“organic framework materials: establishing fundamental structureâ€“property relationships. Chemical Society Reviews, 2011, 40, 1059.	18.7	637
241	A sixfold interpenetrated microporous MOF constructed from heterometallic tetranuclear cluster exhibiting selective gas adsorption. Dalton Transactions, 2011, 40, 10319.	1.6	28
242	Microporous sensor: gas sorption, guest exchange and guest-dependant luminescence of metalâ€“organic framework. Dalton Transactions, 2011, 40, 2196-2203.	1.6	63
243	Metalâ€Organic Niccolite: Synthesis, Structures, Phase Transition, and Magnetic Properties of [CH₃NH₂(CH₂)₂NH₂CH₃][M₂(HCOO)<sub> (M=divalent Mn, Fe, Co, Ni, Cu and Zn). Chemistry - an Asian Journal, 2011, 6, 3084-3096.	3.7	43
244	A series of alternating Na+/M3+ (M = Mn, Fe) covalent and ionic chains. CrystEngComm, 2011, 13, 5510.	1.3	5
245	Two metalâ€“organic frameworks based on a double azolium derivative: post-modification and catalytic activity. Chemical Communications, 2011, 47, 11005.	2.2	72
246	Synthesis, structures, and magnetic properties of transition metal compounds with 2,2â€²-dinitrobiphenyl-4,4â€²-dicarboxylate and N,Nâ€²-chelating ligands. Dalton Transactions, 2011, 40, 7219.	1.6	25
247	A two-fold interpenetrated flexible bi-pillared-layer framework of Fe(II) with interesting solvent adsorption property. Journal of Chemical Sciences, 2011, 123, 883-890.	0.7	6
248	[K2Mn5{Mo(CN)7}3]: an open framework magnet with four Tc conversions orchestrated by guests and thermal history. New Journal of Chemistry, 2011, 35, 1211.	1.4	21
249	One-Dimensional Coordination Polymers: Complexity and Diversity in Structures, Properties, and Applications. Chemical Reviews, 2011, 111, 688-764.	23.0	1,009
250	Crystal Engineering of Nanomorphology for Complex Oxide Materials via Thermal Decomposition of Metalâ^'Organic Frameworks. Case Study of Sodium Tantalate. Crystal Growth and Design, 2011, 11, 1238-1243.	1.4	15
251	Syntheses and Crystal Structures of Two New Cadmium(II) and Nickel(II) Complexes with 1,4-Phenylenediacetate and 2,2â€²-Bipyridyl-Like Ligands. Journal of Chemical Crystallography, 2011, 41, 664-669.	0.5	2
252	Synthesis and Crystal Structure of a 3D Er(III) Coordination Polymer Based on Tripodal Flexible Ligand. Journal of Chemical Crystallography, 2011, 41, 727-731.	0.5	1
253	Synthesis, Crystal Structure and Thermal Property of a Novel Mn(II) Coordination Polymer Bridged by Imazapyr. Journal of Chemical Crystallography, 2011, 41, 1839-1843.	0.5	4
254	Three-dimensional iron-series coordination networks based on antiferromagnetic and ferromagnetic dinuclear motifs with mixed carboxylate and aqua bridges. Inorganica Chimica Acta, 2011, 365, 240-245.	1.2	12
255	A series of dn transition metal coordination complexes: Structures and comparative study of surface electron behaviors (n=9, 8, 7, 6, 5). Inorganica Chimica Acta, 2011, 368, 101-110.	1.2	25
256	Substituent dependent topologies in cobalt isophthalate coordination polymers with bis(pyridylmethyl)piperazine coligands. Inorganica Chimica Acta, 2011, 371, 71-78.	1.2	10

#	Article	IF	Citations
257	Structure and properties of cobalt ortho-phenylenediacetate coordination polymers with rigid dipyridyl ligands. Inorganica Chimica Acta, 2011, 373, 201-210.	1.2	7
258	Recent advance in porous coordination polymers from the viewpoint of crystalline-state transformation. Science China Chemistry, 2011, 54, 1371-1394.	4.2	35
259	Synthesis, structure and photoluminescence of two porous metal-organoboron frameworks with rtl topology. Science China Chemistry, 2011, 54, 1430-1435.	4.2	1
260	Effect of Metal Ions on the Structures of Coordination Polymers Based on Biphenylâ€2,2â€²,4,4â€²â€Tetracarboxylate. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 1585-1589.	0.6	12
261	Synthesis, Structure, and Surface Photoelectric Properties of Two Novel Cobalt(II) Complexes. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 2282-2287.	0.6	10
262	Coordination Polymers of the Heterotopic 1,4â€PhenyleneÂbis(oxy)diacetic Acid Ligand: Cadmium(II) Complexes. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 1722-1727.	0.6	3
263	Weak ferromagnetism in cobalt oxalate crystals. Physica Status Solidi (B): Basic Research, 2011, 248, 1519-1525.	0.7	7
264	The Effect of Methyl Functionalization on Microporous Metalâ€Organic Frameworks' Capacity and Binding Energy for Carbon Dioxide Adsorption. Advanced Functional Materials, 2011, 21, 4754-4762.	7.8	106
265	Iron(III)â€Pivalateâ€Based Complexes with Tetranuclear {Fe₄(Î¼₃â€O)₂}⁸⁺ Cores and Nâ€Donor Ligands: Formation of Cluster and Polymeric Architectures. European Journal of Inorganic Chemistry, 2011, 2011, 356-367.	1.0	19
266	Mixedâ€Metal dâ€f Phosphonate Frameworks â€“ Photoluminescence and Magnetic Properties. European Journal of Inorganic Chemistry, 2011, 2011, 2035-2044.	1.0	23
267	Spinâ€Canted Antiferromagnetic Phase Transitions in Alternating Phenoxoâ€and CarboxylatoâBridged Mn^{III}â€Salen Complexes. European Journal of Inorganic Chemistry, 2011, 2011, 2075-2085.	1.0	56
268	Amineâ€Templated Cobalt(II) Coordination Polymer Exhibiting Novel Magnetic Properties: Effect of Dehydration. European Journal of Inorganic Chemistry, 2011, 2011, 2057-2063.	1.0	26
269	Two Unprecedented Entangled Metalâ€“Olsalazine Complexes with Coexistence of 2D â† 3D Polycatenation and mesoâ€Helix. European Journal of Inorganic Chemistry, 2011, 2011, 4656-3663.	1.0	8
270	Synthesis, Structures, and Adsorption Properties of Two New La^{III}â€“Mg^{II} Heterometallic Polymers. European Journal of Inorganic Chemistry, 2011, 2011, 5299-5304.	1.0	10
271	Structural Flexibility and Sorption Properties of 2D Porous Coordination Polymers Constructed from Trinuclear Heterometallic Pivalates and 4,4â€²â€Bipyridine. European Journal of Inorganic Chemistry, 2011, 2011, 4985-4992.	1.0	28
272	Magnetic Properties of Paddlewheels and Trinuclear Clusters with Exposed Metal Sites. ChemPhysChem, 2011, 12, 3307-3319.	1.0	27
273	OberflÃchenchemie Metallâ€organischer GerÃ¼ste an der FlÃ¼ssigâ€festâ€GrenzflÃche. Angewandte Chemie, 2011, 123, 184-208.	1.6	43
276	Surface Chemistry of Metalâ€“Organic Frameworks at the Liquidâ€“Solid Interface. Angewandte Chemie - International Edition, 2011, 50, 176-199.	7.2	292

#	Article	IF	Citations
277	Coexistence of Metamagnetism and Slow Relaxation of the Magnetization in a Cobalt Thiocyanate 2D Coordination Network. Angewandte Chemie - International Edition, 2011, 50, 6920-6923.	7.2	101
278	Kinetic Control of Metalâ€“Organic Framework Crystallization Investigated by Timeâ€Resolved Inâ€…Situ Xâ€Ray Scattering. Angewandte Chemie - International Edition, 2011, 50, 9624-9628.	7.2	182
279	Magnetization Relaxation in a Threeâ€Dimensional Ligated Cobalt Phosphonate Containing Ferrimagnetic Chains. Chemistry - A European Journal, 2011, 17, 3579-3583.	1.7	44
280	Threeâ€Dimensional Openâ€Frameworks Based on Ln^{III}Ions and Openâ€/Closedâ€Shell PTM Ligands: Synthesis, Structure, Luminescence, and Magnetic Properties. Chemistry - A European Journal, 2011, 17, 3644-3656.	1.7	45
281	Spin Canting and Metamagnetism in the First Hybrid Cobaltâ€“Hypoxanthine Open Framework with umr Topology. Chemistry - A European Journal, 2011, 17, 5588-5594.	1.7	41
282	Rational Design of Zincâ€“Organic Coordination Polymers Directed by Nâ€Donor Coâ€ligands. Chemistry - A European Journal, 2011, 17, 8630-8642.	1.7	60
283	Chemical and Thermal Stability of Isotypic Metalâ€“Organic Frameworks: Effect of Metal Ions. Chemistry - A European Journal, 2011, 17, 6437-6442.	1.7	264
284	Exploring the Effect of Metal Ions and Counteranions on the Structure and Magnetic Properties of Five Dodecanuclear Co^{II} and Ni^{II} Clusters. Chemistry - A European Journal, 2011, 17, 14084-14093.	1.7	33
285	Magnetic and Mechanical Anisotropy in a Manganese 2â€Methylsuccinate Framework Structure. Chemistry - A European Journal, 2011, 17, 12429-12436.	1.7	24
286	A Roadmap to Implementing Metalâ€“Organic Frameworks in Electronic Devices: Challenges and Critical Directions. Chemistry - A European Journal, 2011, 17, 11372-11388.	1.7	403
287	Isostructural Metalâ€“Anion Radical Coordination Polymers with Tunable Phosphorescent Colors (Deep Blue, Blue, Yellow, and White) Induced by Terminal Anions and Metal Cations. Chemistry - A European Journal, 2011, 17, 12495-12501.	1.7	22
288	A novel addition complex composed of single and double chains constructed from btbâ€“Cdâ€“SO4 units (btb=1,4-bis(1,2,4-triazol-1-yl)butane). Inorganic Chemistry Communication, 2011, 14, 52-55.	1.8	3
289	Ionothermal syntheses and crystal structures of two cobalt(II)â€“carboxylate compounds with different topology. Inorganic Chemistry Communication, 2011, 14, 380-383.	1.8	14
290	The roles of the allyloxy groups on terephthalate for the formation of three coordination networks. Inorganic Chemistry Communication, 2011, 14, 569-572.	1.8	10
291	A layered grid divalent cobalt coordination polymer constructed from ferromagnetically coupled linear trimeric units. Inorganic Chemistry Communication, 2011, 14, 722-726.	1.8	9
292	Syntheses, crystal structures and luminescent properties of two new Zn(II) coordination polymers based on rigid biphenyldicarboxylate. Inorganic Chemistry Communication, 2011, 14, 952-955.	1.8	12
293	A 2D Zn(II) coordination polymer constructed by right-handed and left-handed Znâ€“Hbciâ€“Zn helical chains and Î¼2-H2O bridges (H3bci=bis(2-carboxyethyl)isocyanurate). Inorganic Chemistry Communication, 2011, 14, 1107-1110.	1.8	4
294	Two new coordination frameworks based on rod-shaped secondary building blocks with five-nodal (3,) Tj ETQq1 1 0.784314 rgBT /Ov 2011, 14, 1156-1160.	1.8	7

#	Article	IF	Citations
295	A self-penetrated chiral cobalt camphorate coordination polymer with antiferromagnetically coupled paddlewheel clusters. Inorganic Chemistry Communication, 2011, 14, 1250-1253.	1.8	12
296	The Zn(II)-organic coordination polymers based on 2-(pyridin-4-yl)-1H-imidazole-4,5-dicarboxylate ligands: Crystal structures and luminescent properties. Inorganic Chemistry Communication, 2011, 14, 1400-1405.	1.8	25
297	Tunable structures aroused by cation exchange reaction of solvent-mediated mechanism. Inorganic Chemistry Communication, 2011, 14, 1410-1413.	1.8	10
298	Synthesis, structure and magnetic properties of a pentanuclear Cu(II) coordination polymer with 4-(imidazol-1-yl)-benzoic acid. Inorganic Chemistry Communication, 2011, 14, 1444-1447.	1.8	8
299	Carbon dioxide capture-related gas adsorption and separation in metal-organic frameworks. Coordination Chemistry Reviews, 2011, 255, 1791-1823.	9.5	1,805
300	One-dimensional zinc(II) polymers with 4,6-dimethyl-1,2,3-triazolo[4,5-d]pyrimidin-5,7-dionato built by bipyridyl-based ligands acting as spacers both in the first and in the second sphere. Inorganica Chimica Acta, 2011, 365, 371-376.	1.2	4
301	New yttrium(III) and copper(II) coordination polymers with partially protonated cyclohexane-1,2,3,4,5,6-hexacarboxylato ligands: Synthesis, crystal structures and properties. Inorganica Chimica Acta, 2011, 370, 36-44.	1.2	6
302	A ferromagnetically coupled copper(II) trinuclear secondary building unit as precursor for the preparation of molecule-based magnets. Inorganica Chimica Acta, 2011, 371, 47-52.	1.2	10
303	New 4,5-dichlorophthalhydrazidate-bridged chained coordination polymers. Journal of Solid State Chemistry, 2011, 184, 667-674.	1.4	30
304	Study of carbon dioxide adsorption on a Cu-nitroprusside polymorph. Journal of Solid State Chemistry, 2011, 184, 1236-1244.	1.4	9
305	Magnetostructural correlations in the antiferromagnetic Co2â^'x Cux(OH)AsO4 (x=0 and 0.3) phases. Journal of Solid State Chemistry, 2011, 184, 2075-2082.	1.4	11
306	A comparison of the coordination preference of Cd, Zn, Cu(II) with flexible homophthalic acid and rigid bipyridine ligands. Polyhedron, 2011, 30, 1487-1493.	1.0	24
307	Coordination driven or/and H-bonded Cu(II)â€"N,N-dialkylisonicotinamide frameworks. Polyhedron, 2011, 30, 1691-1702.	1.0	7
308	Synthesis, Crystal Structure and Magnetic Properties of an Iron(III) Pyridine-2,3,5,6-tetracarboxylate Complex. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2011, 66, 465-470.	0.3	2
309	Four new Co(II) complexes with 2-amino-4-methylpyridine, 2-amino-3-methylpyridine, or 2-amino-5-chloropyridine: synthesis, spectroscopy, magnetic properties, and crystal structure. Journal of Coordination Chemistry, 2011, 64, 2056-2065.	0.8	11
310	Structures and photoluminescence of zinc(ii) coordination polymers based on in situ generated 1H-tetrazolate-5-propionic acid ligands. CrystEngComm, 2011, 13, 6386.	1.3	49
311	catena-Poly[[(2,2â€²-bipyridine-Îº2N,Nâ€²)cadmium]-Î¼3-4-nitrophthalato-Îº4O:Oâ€²,Oâ€²â€²:Oâ€²â€²â€²]. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, m199-m200.	0.2	1
312	Three 2-Aminobenzothiazole-Based Mercury Complexes Tuned by Competitive Coordination Between the Coligands: Synthesis, Structures, and Fluorescent Properties. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2011, 41, 791-797.	0.6	7

#	Article	IF	Citations
313	Deposition of Metal Clusters into the Functionalized Metal Organic Frameworks. Advanced Materials Research, 2012, 496, 230-234.	0.3	0
314	Cobalt and copper phosphinates based on N-(phosphinomethyl)iminodiacetic acid: supramolecular layered structures and magnetic properties. CrystEngComm, 2012, 14, 4699.	1.3	7
315	Three Mn(II) complexes with 1,3-bis(4-pyridyl)propane and their supramolecular nets. Journal of Coordination Chemistry, 2012, 65, 2500-2509.	0.8	3
316	Synthesis, structure, and magnetic properties of M(N3)2(bpy). Journal of Applied Physics, 2012, 111, 07E335.	1.1	4
317	Three Co^{II}/Co^{III} complexes with a 1-substituted tetrazole-5-thiol ligand. Journal of Coordination Chemistry, 2012, 65, 3665-3673.	0.8	19
318	Synthesis, Crystal Structures, and Properties of a Series of Coordination Polymers Employing R4-Terephthalate (R = H, F, Cl, Br) and 4,4â€²-Bipyridine as Bridging Ligands. Bulletin of the Chemical Society of Japan, 2012, 85, 1102-1111.	2.0	4
319	Homoleptic Lanthanide 1,2,3-Triazolates â^ž2â€“3[Ln(Tz*)3] and Their Diversified Photoluminescence Properties. Inorganic Chemistry, 2012, 51, 13204-13213.	1.9	49
320	Tuning the magnetic properties of transition metal MOFs by metalâ€“oxygen condensation control: the relation between synthesis temperature, SBU nuclearity and carboxylate geometry. CrystEngComm, 2012, 14, 5493.	1.3	16
321	Structures, Luminescence, and Magnetic Properties of Several Three-Dimensional Lanthanideâ€“Organic Frameworks Comprising 4-Carboxyphenoxy Acetic Acid. Crystal Growth and Design, 2012, 12, 5203-5210.	1.4	55
322	Dynamic porous metalâ€“organic frameworks: synthesis, structure and sorption property. CrystEngComm, 2012, 14, 8569.	1.3	33
323	New cadmium thio- and selenocyanato coordination compounds: Structural snapshots on the reaction pathway to more condensed anionic networks. Dalton Transactions, 2012, 41, 228-236.	1.6	22
324	A cobalt(II) metalâ€“organic framework with all-cis 1,2,3,4,5,6-cyclohexanehexacarboxylate ligand: Synthesis, structure, and magnetic properties. Inorganic Chemistry Communication, 2012, 24, 237-240.	1.8	3
325	Highly-connected, porous coordination polymers based on [M4(Î¼3-OH)2] (M = CoII and NiII) clusters: different networks, adsorption and magnetic properties. Dalton Transactions, 2012, 41, 4199.	1.6	67
326	Giant metalâ€“organic frameworks with bulky scaffolds: from microporous to mesoporous functional materials. Dalton Transactions, 2012, 41, 5437.	1.6	42
327	Temperature-Dependent in Situ Reduction of 4,4â€²-Azobispyridine via Solvothermal Reaction. Crystal Growth and Design, 2012, 12, 2079-2088.	1.4	65
328	Templated Synthesis, Postsynthetic Metal Exchange, and Properties of a Porphyrin-Encapsulating Metalâ€“Organic Material. Journal of the American Chemical Society, 2012, 134, 924-927.	6.6	238
329	Two azido-bridged cobalt(ii) coordination polymers with nicotinate co-ligand: synthesis, structures and magnetic properties. Dalton Transactions, 2012, 41, 6272.	1.6	28
330	Structures and magnetic properties of Mn and Co inorganicâ€“organic frameworks with mixed linear dicarboxylate ligands. CrystEngComm, 2012, 14, 2711.	1.3	20

#	Article	IF	Citations
331	A New Series of Chiral Metal Formate Frameworks of [HONH₃][M^{II}(HCOO)₃] (M = Mn, Co, Ni, Zn, and Mg): Synthesis, Structures, and Properties. Inorganic Chemistry, 2012, 51, 13363-13372.	1.9	79
332	â€œClickâ€•post-synthetic modification of metalâ€“organic frameworks with chiral functional adduct for heterogeneous asymmetric catalysis. Dalton Transactions, 2012, 41, 3072.	1.6	68
333	Layered inorganicâ€“organic frameworks based on the 2,2-dimethylsuccinate ligand: structural diversity and its effect on nanosheet exfoliation and magnetic properties. Dalton Transactions, 2012, 41, 8585.	1.6	50
334	Two d10 Coordination Polymers Based on the Substitutional Aromatic Multicarboxylate and N-donor Co-ligands: Syntheses, Structures and Luminescent Properties. Journal of Inorganic and Organometallic Polymers and Materials, 2012, 22, 1028-1033.	1.9	6
335	Metal-dependent assemblies of an unusual pentanuclear cadmium cluster and a fascinating 3D 4-connected lead-containing framework. Inorganic Chemistry Communication, 2012, 24, 63-66.	1.8	7
336	Two new Zn(II) and Cd(II) coordinastion polymers based on amino-tetrazole and phenylcarboxylate: Syntheses, topological structures and photoluminescent properties. Journal of Solid State Chemistry, 2012, 196, 161-167.	1.4	25
337	Synthesis, crystal structures, and luminescent properties of Cd(II) coordination polymers assembled from semi-rigid multi-dentate N-containing ligand. Journal of Solid State Chemistry, 2012, 196, 87-92.	1.4	7
338	Single crystal to single crystal transition in (10, 3)-d framework with pyrazine-2-carboxylate ligand: Synthesis, structures and magnetism. Journal of Solid State Chemistry, 2012, 196, 52-57.	1.4	5
339	X-ray structural studies of Prussian blue analog heterostructures on poly(ethylene terephthalate) supports. Thin Solid Films, 2012, 526, 34-40.	0.8	2
340	Effect of ionic radius on the assemblies of first row transition metalâ€“5-tert-butylisophthalatesâ€“(2,2â€²-bipyridine or phenanthroline) coordination compounds. CrystEngComm, 2012, 14, 1301-1316.	1.3	29
341	Unique 3D CoII/ZnII-coordination polymers with (3,4,5)-connected self-penetrating topology: Syntheses, topological structures, luminescent and magnetic properties. RSC Advances, 2012, 2, 11219.	1.7	16
342	Structural diversity of transition-metal complexes derived from N-propionic acid functionalized 1,4,7-triazacyclononane: From enchanting cluster motifs to unprecedented homometallic polymeric networks. CrystEngComm, 2012, 14, 1354-1363.	1.3	13
343	Sequential Growth in Solution of NiFe Prussian Blue coordination network nanolayers on Si(100) surfaces. Dalton Transactions, 2012, 41, 1582-1590.	1.6	14
344	Syntheses and magnetic properties of three Mn(<scp>ii</scp>) coordination polymers based on a tripodal flexible ligand. CrystEngComm, 2012, 14, 1568-1574.	1.3	36
345	Two new CoII coordination polymers based on carboxylate-bridged di- and trinuclear clusters with a pyridinedicarboxylate ligand: synthesis, structures and magnetism. Dalton Transactions, 2012, 41, 6813.	1.6	78
346	Weak ferromagnetism in chiral diamond-like neutral networks: Mn(2-pymS)2 and Co(2-pymS)2 (2-pymSH) Tj ETQq1 1 0.784314 rgBT	1.6	13
347	New monoacylhydrazidate-coordinated Mn2+ and Pb2+ compounds. Dalton Transactions, 2012, 41, 6137.	1.6	25
348	High-connected strategy of polyoxometalates towards model of coreâ€“shell nanostructure. RSC Advances, 2012, 2, 6414.	1.7	15

#	Article	IF	Citations
349	Novel electrorheological properties of a metalâ€“organic framework Cu3(BTC)2. Chemical Communications, 2012, 48, 5635.	2.2	19
350	Co(ii)/Ni(ii) coordination polymers incorporated with a bent connector: crystal structures and magnetic properties. CrystEngComm, 2012, 14, 4756.	1.3	25
351	New metal complexes with di(mono)acylhydrazidate molecules. Dalton Transactions, 2012, 41, 10267.	1.6	18
352	Co₄(OH)₂(C₁₀H₁₆O₄)₃ Metalâ€“Organic Framework: Slow Magnetic Relaxation in the Ordered Phase of Magnetic Chains. Inorganic Chemistry, 2012, 51, 2885-2892.	1.9	39
353	A series of five divalent zinc and cadmium coordination polymers based on a new bifunctional ligand: syntheses, crystal structures, and properties. CrystEngComm, 2012, 14, 3951.	1.3	15
354	Unprecedented binodal (7,9)-connected network based on distinct tricobalt(ii) clusters: structure, topology and cooperative magnetism. CrystEngComm, 2012, 14, 2009.	1.3	28
355	Construction of Cd(ii) coordination polymers based on R-isophthalate (R = â€“CH3 or â€“OCH3) and flexible N-donor co-ligands: Syntheses, structures and photoluminescence. CrystEngComm, 2012, 14, 2691.	1.3	86
356	Novel Iso-Reticular Zn(ii) Metalâ€“Organic Frameworks constructed by Trinuclear-Triangular and Paddle-Wheel Units: Synthesis, Structure and Gas Adsorption. Dalton Transactions, 2012, 41, 4007.	1.6	34
357	Synthesis, structural characterization and photoluminescence property of four di(mono)acylhydrazidate-coordinated Cd2+ and Zn2+ compounds. CrystEngComm, 2012, 14, 8162.	1.3	20
358	Synthesis, structure, topology and magnetic properties of cobalt(ii) coordination polymers with 2-nitrobiphenyl-4,4â€²-dicarboxylic acid and bis(pyridyl) ligands. Dalton Transactions, 2012, 41, 14316.	1.6	43
359	Exploring Agâ‹¯Hâ€“B interactions in coordination polymers: silverâ€“alkanedinitrile networks with cobalt carbaborane anions. CrystEngComm, 2012, 14, 3367.	1.3	13
360	Metamagnetic behavior and moisture-absorption induced reversible network assembly of a cobalt-1,2,4-benzenetricarboxylate supramolecular network. CrystEngComm, 2012, 14, 1317-1323.	1.3	3
361	Supramolecular isomers of metalâ€“organic frameworks: the role of a new mixed donor imidazolate-carboxylate tetradentate ligand. Dalton Transactions, 2012, 41, 4020.	1.6	16
362	Alkali earth metal (Ca, Sr, Ba) based thermostable metalâ€“organic frameworks (MOFs) for proton conduction. Chemical Communications, 2012, 48, 4998.	2.2	157
363	New photoluminescence acylhydrazidate-coordinated complexes. Dalton Transactions, 2012, 41, 2382-2392.	1.6	37
364	Self assembly of a tren-derivative hydrogenated Schiff base with transition metal ions: syntheses, crystal structures and photoluminescent properties. CrystEngComm, 2012, 14, 2879.	1.3	13
365	Spin canting magnetization in a 3D Cu(ii) complex based on molybdate oxide cluster and 5-triazole isophthalic acid. Dalton Transactions, 2012, 41, 13267.	1.6	19
366	Two solvent-dependent zinc(ii) supramolecular isomers: structure analysis, reversible and nonreversible crystal-to-crystal transformation, highly selective CO2 gas adsorption, and photoluminescence behaviors. CrystEngComm, 2012, 14, 6246.	1.3	42

#	Article	IF	Citations
367	Structural diversity and properties of coordination polymers built from a semi-rigid tetradentenate carboxylic acid. CrystEngComm, 2012, 14, 824-831.	1.3	22
368	Solvent-Controlled Syntheses, Structure, and Magnetic Properties of Trinuclear Mn(II)-Based Metalâ€“Organic Frameworks. Crystal Growth and Design, 2012, 12, 5693-5700.	1.4	37
369	Solvothermal Synthesis of Oxamate-Based Helicate: Temperature Dependence of the Hydrogen Bond Structuring in the Solid. Crystal Growth and Design, 2012, 12, 4955-4962.	1.4	27
370	A New Partially Deprotonated Mixed-Valence Manganese(II,III) Hydroxideâ€“Arsenate with Electronic Conductivity: Magnetic Properties of High- and Room-Temperature Sarkinite. Inorganic Chemistry, 2012, 51, 5246-5256.	1.9	9
371	Effect of cationic surfactants on structure and morphology of mesostructured MOFs. RSC Advances, 2012, 2, 5424.	1.7	23
372	Synthesis and Crystal Structure of a New Co(II) Complex With Surface Photoelectric Property. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2012, 42, 818-822.	0.6	1
373	Syntheses, Structures Tuned by 4,4â€²-Bipyridine and Magnetic Properties of a Series of Transition Metal Compounds Containing o-Carboxylphenoxyacetate Acid. Crystal Growth and Design, 2012, 12, 1201-1211.	1.4	38
374	Nickel(II) 3,4;9,10-Perylenediimide bis-Phosphonate Pentahydrate: A Metalâ€“Organic Ferromagnetic Dye. Inorganic Chemistry, 2012, 51, 7332-7339.	1.9	8
375	Magnetic Nanosized {MII24}-Wheel-Based (M = Co, Ni) Coordination Polymers. Inorganic Chemistry, 2012, 51, 5988-5990.	1.9	60
376	A Series of New Three-Dimensional dâ€“f Heterometallic Coordination Polymers with Rare 10-Connected bct Net Topology Based on Planar Hexanuclear Heterometallic Second Building Units. Crystal Growth and Design, 2012, 12, 5737-5745.	1.4	67
377	Structural Diversity for a Series of Metal(II) Complexes Based on Flexible 1,2-Phenylenediacetate and Dipyridyl-type Coligand. Crystal Growth and Design, 2012, 12, 147-157.	1.4	88
378	Unprecedented 3D Host-Framework Based on a Ni₅ Cluster with Helical Chains as Guest: Synthesis, Structure, and Magnetic Property. Crystal Growth and Design, 2012, 12, 4712-4715.	1.4	25
379	Solvent-Driven Structural Diversities in Zn^{II} Coordination Polymers and Complexes Derived from Bis-pyridyl Ligands Equipped with a Hydrogen-Bond-Capable Urea Backbone. Crystal Growth and Design, 2012, 12, 6061-6067.	1.4	31
380	Spin-Canting Magnetization in an Unusual Co₄ Cluster-Based Layer Compound from a 2,3-Dihydroxyquinoxaline Ligand. Inorganic Chemistry, 2012, 51, 757-759.	1.9	21
381	Isomer-Directed Structural Diversity and Its Effect on the Nanosheet Exfoliation and Magnetic Properties of 2,3-Dimethylsuccinate Hybrid Frameworks. Inorganic Chemistry, 2012, 51, 11198-11209.	1.9	47
382	Lanthanide-pyridyl-2,5-dicarboxylate N-oxide frameworks with rutile topology. CrystEngComm, 2012, 14, 512-518.	1.3	29
383	Synthesis, crystal structures and properties of two supramolecular polymers constructed by lanthanide with pyridine-2,4,6-tricarboxylic acid. Synthetic Metals, 2012, 162, 1327-1334.	2.1	4
384	Construction of Metalâ€“Organic Frameworks Based on Two Neutral Tetradentate Ligands. Crystal Growth and Design, 2012, 12, 4911-4918.	1.4	24

#	Article	IF	Citations
385	Chloromethylation as a functionalisation pathway for metalâ€“organic frameworks. CrystEngComm, 2012, 14, 4109.	1.3	47
386	Variable Water Adsorption in Amino Acid Derivative Based Homochiral Metal Organic Frameworks. Crystal Growth and Design, 2012, 12, 4633-4640.	1.4	46
387	Step-by-Step Fabrication of a Highly Oriented Crystalline Three-Dimensional Pillared-Layer-Type Metalâ€“Organic Framework Thin Film Confirmed by Synchrotron X-ray Diffraction. Journal of the American Chemical Society, 2012, 134, 9605-9608.	6.6	147
388	Diverse Topologies in Chiral Divalent Metal Camphorate Coordination Polymers Containing 4,4â€²-Dipyridylamine. Crystal Growth and Design, 2012, 12, 5125-5137.	1.4	24
389	Pillaring Role of 4,4â€²-Azobis(pyridine) in Substituted Malonate-Containing Manganese(II) Complexes: Syntheses, Crystal Structures, and Magnetic Properties. Crystal Growth and Design, 2012, 12, 4505-4518.	1.4	20
390	Incorporation of spin-5/2 chain into 2D network with conformational pure e,a-cis-cyclohexane-1,4-dicarboxylato linker. Dalton Transactions, 2012, 41, 11989.	1.6	6
391	Near-critical water, a cleaner solvent for the synthesis of a metalâ€“organic framework. Green Chemistry, 2012, 14, 117-122.	4.6	53
392	Conductive metalâ€“organic frameworks and networks: fact or fantasy?. Physical Chemistry Chemical Physics, 2012, 14, 13120.	1.3	258
393	Analogous porous metalâ€“organic frameworks: synthesis, stability and application in adsorption. CrystEngComm, 2012, 14, 7099.	1.3	174
394	Two hybrid polyoxometalate-pillared metalâ€“organic frameworks. Dalton Transactions, 2012, 41, 11783.	1.6	27
395	Improving Predictions of Gas Adsorption in Metalâ€“Organic Frameworks with Coordinatively Unsaturated Metal Sites: Model Potentials, ab initio Parameterization, and GCMC Simulations. Journal of Physical Chemistry C, 2012, 116, 18899-18909.	1.5	102
396	Synthesis, Crystal Structure, and Properties of a Novel Coordination Complex: [Cd(C10H8O4)(H2O)2]. Journal of Chemical Crystallography, 2012, 42, 1001-1006.	0.5	1
397	Framework Solids Based on Copper(II) Halides (Cl/Br) and Methylene-Bridged Bis(1-hydroxybenzotriazole): Synthesis, Crystal Structures, Magneto-Structural Correlation, and Density Functional Theory (DFT) Studies. Inorganic Chemistry, 2012, 51, 10148-10157.	1.9	33
398	Facile â€œModular Assemblyâ€•for Fast Construction of a Highly Oriented Crystalline MOF Nanofilm. Journal of the American Chemical Society, 2012, 134, 16524-16527.	6.6	295
399	Coordination Assemblies of Co^{II}/Ni^{II}/ Zn^{II}/Cd^{II} with Succinic Acid and Bent Connectors: Structural Diversity and Spin-Canted Antiferromagnetism. Crystal Growth and Design, 2012, 12, 1890-1898.	1.4	40
400	Functionalized IRMOF-3 as efficient heterogeneous catalyst for the synthesis of cyclic carbonates. Journal of Molecular Catalysis A, 2012, 361-362, 12-16.	4.8	121
401	Synthesis of 2D metalâ€“organic coordination polymers with large internal cavities and their magnetic properties. Inorganic Chemistry Communication, 2012, 21, 137-141.	1.8	3
402	Synthesis, magnetism and quantum Monte Carlo studies of two Cu(II)-based ferromagnetic coordination polymers. Inorganic Chemistry Communication, 2012, 22, 18-21.	1.8	5

#	Article	IF	Citations
403	Construction of cobalt-imidazole-based dicarboxylate complexes with topological diversity: From metalâ€“organic square to one-dimensional coordination polymer. Inorganic Chemistry Communication, 2012, 22, 170-173.	1.8	9
404	A novel Co3+-based asymmetrical building block: Heterobimetallic metallacycles versus coordination networks. Inorganic Chemistry Communication, 2012, 23, 103-108.	1.8	22
405	Terminating Marine Methane Bubbles by Superhydrophobic Sponges. Advanced Materials, 2012, 24, 5884-5889.	11.1	113
407	Homochiral Crystallization of Metalâ€“Organic Silver Frameworks: Asymmetric [3+2] Cycloaddition of an Azomethine Ylide. Angewandte Chemie - International Edition, 2012, 51, 10127-10131.	7.2	108
408	Reversible Crystalâ€toâ€Amorphous Structural Conversion in the Single Endâ€On Azideâ€Bridged Co^{II} Complex: Concomitant Color and Magnetic Modulations. Chemistry - A European Journal, 2012, 18, 11541-11544.	1.7	28
409	Isoreticular Lanthanide Metalâ€Organic Frameworks: Syntheses, Structures and Photoluminescence of a Family of 3D Phenylcarboxylates. European Journal of Inorganic Chemistry, 2012, 2012, 4419-4426.	1.0	34
410	Two 3D Supramolecular Isomeric Mixed-Ligand CoII Frameworks - Guest-Induced Structural Variation, Magnetism, and Selective Gas Adsorption. European Journal of Inorganic Chemistry, 2012, 2012, 4413-4417.	1.0	9
411	Syntheses, Crystal Structures, and Properties of Lead(II), ÂZinc(II), and Manganese(II) Complexes Constructed from 2, 3, 5, 6-Tetraiodo-1, 4-benzenedicarboxylic Acid. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, n/a-n/a.	0.6	1
412	Functional porphyrinic metalâ€“organic frameworks: crystal engineering and applications. Dalton Transactions, 2012, 41, 3879.	1.6	114
413	A crystal engineering rationale in designing a CdII coordination polymer based metallogel derived from a C3 symmetric tris-amide-tris-carboxylate ligand. Soft Matter, 2012, 8, 7623.	1.2	44
414	Structures and properties of lanthanide metalâ€“organic frameworks based on a 1,2,3-triazole-containing tetracarboxylate ligand. Dalton Transactions, 2012, 41, 12790.	1.6	50
415	Synthesis of a Metalâ€“Organic Framework, Iron-Benezenetricarboxylate, from Dry Gels in the Absence of Acid and Salt. Crystal Growth and Design, 2012, 12, 5878-5881.	1.4	81
416	Stabilization of Oâ€“Mnâ€“O clusters (Mn5) in three dimensionally extended MOF structures: synthesis, structure and properties. CrystEngComm, 2012, 14, 4323.	1.3	16
417	Metalâ€“organic frameworks in mixed-matrix membranes for gas separation. Dalton Transactions, 2012, 41, 14003.	1.6	442
418	Systematic investigations on magneto-structural correlations of copper(ii) coordination polymers based on organic ligands with mixed carboxylic and nitrogen-based moieties. Dalton Transactions, 2012, 41, 4207.	1.6	33
419	Amine-Templated Polymeric Lanthanide Formates: Synthesis, Characterization, and Applications in Luminescence and Magnetism. Inorganic Chemistry, 2012, 51, 6962-6968.	1.9	69
420	Manganese(ii) coordination polymers with mixed azide and pyridylbenzoate N-oxide ligands: structures and magnetism. Dalton Transactions, 2012, 41, 2026-2033.	1.6	51
421	N-donor ligand mediated assembly of divalent zinc and cadmium coordination polymers based on 2,3,2â€²,3â€²-thiaphthalic acid: structures and properties. CrystEngComm, 2012, 14, 4444.	1.3	25

#	Article	IF	Citations
422	Effect of Carboxylate Coligands with Different Rigidity on Supramolecular Architectures Based on One Rigid Didentate Linear Ligand. Crystal Growth and Design, 2012, 12, 403-413.	1.4	82
423	Position of substituent dependent dimensionality in Lnâ€“Cu heterometallic coordination polymers. CrystEngComm, 2012, 14, 679-683.	1.3	16
424	Chiral Porous Metalâ€“Organic Frameworks of Co(II) and Ni(II): Synthesis, Structure, Magnetic Properties, and CO₂ Uptake. Crystal Growth and Design, 2012, 12, 975-981.	1.4	137
425	Three-dimensional networks based on trinuclear motifs with tricomponent azide-carboxylate-tetrazolate cobridges: synthesis, structure and magnetic properties. Dalton Transactions, 2012, 41, 4188.	1.6	15
426	Two Metalâ€“Organic Frameworks Constructed from One-Dimensional Cobalt(II) Ferrimagnetic Chains with Alternating Antiferromagnetic/Ferromagnetic and AF/AF/FM Interaction: Synthesis, Structures, and Magnetic Properties. Inorganic Chemistry, 2012, 51, 6813-6820.	1.9	45
427	Selective Separation of Water, Methanol, and Ethanol by a Porous Coordination Polymer Built with a Flexible Tetrahedral Ligand. Journal of the American Chemical Society, 2012, 134, 13145-13147.	6.6	140
428	Synthesis, structural analysis, and thermal and spectroscopic studies of methylmalonate-containing zinc(II) complexes. Comptes Rendus Chimie, 2012, 15, 911-923.	0.2	6
429	Synthesis, characterization and thermal decomposition kinetics as well as evaluation of luminescent properties of several 3D lanthanide coordination polymers as selective luminescent probes of metal ions. Synthetic Metals, 2012, 162, 1775-1788.	2.1	12
430	Single crystal electron paramagnetic resonance spectra of CuII ions in Cu(tyrosine)2. Journal of Inorganic Biochemistry, 2012, 114, 75-81.	1.5	10
431	A Three-Folded Interpenetrated Metal-Organic Framework Constructed by H-Bonding Interaction. Mendeleev Communications, 2012, 22, 220-221.	0.6	8
432	Supramolecular Assemblies of Dimanganese Subunits and Water Clusters Organized by Strong Hydrogen Bonding Interactions: Single Crystal to Single Crystal Transformation by Thermal De-/Rehydration Processes. Crystal Growth and Design, 2012, 12, 5329-5337.	1.4	33
433	Assembly of Discrete One-, Two-, and Three-Dimensional Zn(II) Complexes Containing Semirigid V-Shaped Tricarboxylate Ligands. Crystal Growth and Design, 2012, 12, 1452-1463.	1.4	109
434	Ultrasensitive sorption behavior of isostructural lanthanideâ€“organic frameworks induced by lanthanide contraction. Journal of Materials Chemistry, 2012, 22, 21076.	6.7	48
436	Synthesis, structure and magnetic study of a novel mixed-valent CoII10CoIII4 shield constructed by mixed pyridineâ€“alcoholate ligands. Dalton Transactions, 2012, 41, 4740.	1.6	24
437	The synthesis, structure, and magnetic studies of one supramolecular PtS net. Journal of Coordination Chemistry, 2012, 65, 2705-2712.	0.8	2
438	Synthesis of One- and Two-Dimensional Coordination Polymers Containing Organotin Macrocycles. Reactions of (n-Bu₃Sn)₂O with Pyridine Dicarboxylic Acids. Structure-Directing Role of the Ancillary 4,4â€²-Bipyridine Ligand. Crystal Growth and Design, 2012, 12, 3285-3295.	1.4	61
439	Syntheses, Structures, and Photoluminescent Properties of Coordination Polymers Based on 1,4-Bis(imidazol-l-yl-methyl)benzene and Various Aromatic Dicarboxylic Acids. Crystal Growth and Design, 2012, 12, 253-263.	1.4	84
440	Two isomorphous Mn(ii) and Co(ii) 5-amino-tetrazolate coordination polymers with magnetic Î”-chains: crystal structures and magnetic properties. Dalton Transactions, 2012, 41, 5301.	1.6	41

#	Article	IF	Citations
441	Rational Design and Synthesis of a New Organometallic Ligand, 1-Ferrocenyl-3-(5-bromopyridyl)-prop-3-enol-1-one and Its Heteronuclear Coordination Polymer, {Cu[1-ferrocenyl-3-(5-bromopyridyl)prop-1,3-dionate]₂}_n. Crystal Growth and Design, 2012, 12, 49-53.	1.4	13
442	Four Cobaltic Coordination Polymers Based on 5-Iodo-Isophthalic Acid: Halogen-Related Interaction and Solvent Effect. Crystal Growth and Design, 2012, 12, 1239-1246.	1.4	89
443	A three-dimensional highly stable cobalt(II) metalâ€“organic framework based on terephthalic acid: synthesis, crystal structure, thermal and physical properties. Transition Metal Chemistry, 2012, 37, 679-685.	0.7	20
444	Three-Dimensional Metalâ€“Organic Framework with Highly Polar Pore Surface: H₂ and CO₂ Storage Characteristics. Inorganic Chemistry, 2012, 51, 7103-7111.	1.9	66
445	Substituted groups-directed assembly of Cd(ii) coordination polymers based on 5-R-1,3-benzenedicarboxylate and 4,4'-bis(1-imidazolyl)bibenzene: syntheses, structures and photoluminescent properties. CrystEngComm, 2012, 14, 6064.	1.3	40
446	Synthesis, structures, and magnetic properties of four copper compounds with 2,2â€²-dinitrobiphenyl-4,4â€²-dicarboxylate. Dalton Transactions, 2012, 41, 12192.	1.6	23
447	Highly Selective CO₂ Uptake in Uninodal 6-Connected â€œmmoâ€•Nets Based upon MO₄^{2â€“} (M = Cr, Mo) Pillars. Journal of the American Chemical Society, 2012, 134, 19556-19559.	6.6	110
448	Systematic morphology and phase control of Mg-ptcda coordination polymers by Ostwald ripening and self-templating. Journal of Materials Chemistry, 2012, 22, 8470.	6.7	23
449	Synthesis, structures, and properties of alkali and alkaline earth coordination polymers based on V-shaped ligand. CrystEngComm, 2012, 14, 6812.	1.3	29
450	Coordination Polymers with Bulky Bis(imidazole) and Aromatic Carboxylate Ligands: Diversity in Metal-Containing Nodes and Three-Dimensional Net Topologies. Crystal Growth and Design, 2012, 12, 3758-3765.	1.4	40
451	Selective Gas and Vapor Sorption and Magnetic Sensing by an Isoreticular Mixed-Metalâ€“Organic Framework. Journal of the American Chemical Society, 2012, 134, 15301-15304.	6.6	109
452	Tuning Fluorescent Molecules by Inclusion in a Metalâ€“Organic Framework: An Experimental and Computational Study. ChemPlusChem, 2012, 77, 1112-1118.	1.3	66
453	Structural determination of a highly stable metal-organic framework with possible application to interim radioactive waste scavenging: Hf-UiO-66. Physical Review B, 2012, 86, .	1.1	196
454	Single-Crystal-to-Single-Crystal Transformation from Î˙-(BEDT-TTF)4[OsNOCl5]1.33(C6H5NO2)0.67 to Î²"-(BEDT-TTF)3[OsNOCl5]. Crystals, 2012, 2, 627-642.	1.0	1
455	Poly[aqua[Î¼₃-(pyridin-1-ium-3,5-diyl)diphosphonato-Î¤³O:Oâ€²:Oâ€²â€²] [Î¼₂/s Acta Crystallographica Section C: Crystal Structure Communications, 2012, 68, m41-m44.	0.4	3
456	A Rational Selfâ€Sacrificing Template Route to Metalâ€“Organic Framework Nanotubes and Reversible Vaporâ€Phase Detection of Nitroaromatic Explosives. Small, 2012, 8, 225-230.	5.2	99
457	New Coordination Polymers and Porous Supramolecular Metal Organic Network Based on the Trinuclear Triangular Secondary Building Unit [Cu3(Î¼3-OH)(Î¼-pz)3]2+ and 4,4â€²-Bypiridine. 1Â°. Crystal Growth and Design, 2012, 12, 2890-2901.	1.4	40
458	Terbium(III), Europium(III), and Mixed Terbium(III)â€“Europium(III) Mucicate Frameworks: Hydrophilicity and Stoichiometry-Dependent Color Tunability. Inorganic Chemistry, 2012, 51, 4891-4893.	1.9	55

#	Article	IF	Citations
459	Introduction to Metalâ€“Organic Frameworks. Chemical Reviews, 2012, 112, 673-674.	23.0	5,980
460	Novel Coordination Frameworks Incorporating the 4,4â€²-Bipyrazolyl Ditopic Ligand. Inorganic Chemistry, 2012, 51, 5235-5245.	1.9	68
461	Metalâ€“Organic Frameworks for Separations. Chemical Reviews, 2012, 112, 869-932.	23.0	5,588
462	Polyrotaxane metalâ€“organic frameworks (PMOFs). Chemical Communications, 2012, 48, 7899.	2.2	167
463	Syntheses, structures and physical properties of transition metalâ€“organic frameworks assembled from trigonal heterofunctional ligands. Dalton Transactions, 2012, 41, 10412.	1.6	58
464	Promotion of Low-Humidity Proton Conduction by Controlling Hydrophilicity in Layered Metalâ€“Organic Frameworks. Journal of the American Chemical Society, 2012, 134, 5472-5475.	6.6	303
465	Six New Co-Coordination Polymers Based on a Tripodal Carboxylate Ligand. Crystal Growth and Design, 2012, 12, 3610-3618.	1.4	54
466	Temperature-Dependent Structures of Lanthanide Metalâ€“Organic Frameworks Based on Furan-2,5-Dicarboxylate and Oxalate. Crystal Growth and Design, 2012, 12, 3263-3270.	1.4	76
467	pH and Auxiliary Ligand Influence on the Structural Variations of 5(2â€²-Carboxylphenyl) Nicotate Coordination Polymers. Crystal Growth and Design, 2012, 12, 3312-3323.	1.4	93
468	Sulfate-Incorporated Co(II) Coordination Frameworks with Bis-imidazole Bridging Ligands Constructed by Covalent and Noncovalent Interactions. Crystal Growth and Design, 2012, 12, 2691-2698.	1.4	23
469	A Series of Cd(II) and Zn(II) Coordination Polymers with Helical Subunits Assembled from a Versatile 3-(4-hydroxypyridinium-1-yl) Phthalic Acid and N-Donor Ancillary Coligands. Crystal Growth and Design, 2012, 12, 4431-4440.	1.4	54
470	MOFs for Use in Adsorption Heat Pump Processes. European Journal of Inorganic Chemistry, 2012, 2012, 2625-2634.	1.0	286
471	Co^{II}/Zn^{II}â€“(<scp>L</scp>â€Tyrosine) Magnetic Metalâ€“Organic Frameworks. European Journal of Inorganic Chemistry, 2012, 2012, 5259-5268.	1.0	18
472	Mn(II)-Based Porous Metalâ€“Organic Framework Showing Metamagnetic Properties and High Hydrogen Adsorption at Low Pressure. Inorganic Chemistry, 2012, 51, 674-679.	1.9	79
473	Synthesis and Characterization of Metal Complexes with Mixed 4-Imidazole-Containing Tripodal Ligand and Varied Dicarboxylic Acid. Crystal Growth and Design, 2012, 12, 2315-2326.	1.4	50
474	Nickel coordination polymers with {48.62} and bnn topologies constructed from common square-pyramidal 5-connected nodes. CrystEngComm, 2012, 14, 4157.	1.3	19
475	Zinc, cobalt and copper coordination polymers with different structural motifs from picolyl-triazole hybrid ligands. CrystEngComm, 2012, 14, 961-971.	1.3	33
476	Selective Metal Cation Capture by Soft Anionic Metalâ€“Organic Frameworks via Drastic Single-Crystal-to-Single-Crystal Transformations. Journal of the American Chemical Society, 2012, 134, 9581-9584.	6.6	121

#	Article	IF	Citations
477	Construction of three 2-D silver(I) coordination architectures with a flexible pyrazine-based ligand. Journal of Coordination Chemistry, 2012, 65, 3216-3226.	0.8	2
478	Synthesis, characterization and structural transformation of a discrete tetragonal metalloprism. Dalton Transactions, 2012, 41, 156-164.	1.6	18
479	Zincâ€Ðiluted Magnetic Metal Formate Perovskites: Synthesis, Structures, and Magnetism of [CH 3 NH 3][Mn x Zn 1â^' x (HCOO) 3] (x =0â€“1). Chemistry - an Asian Journal, 2012, 7, 1697-1707.	1.7	29
480	Thermal Cleavage of Cyclobutane Rings in Photodimerized Coordinationâ€Polymeric Sheets. Chemistry - A European Journal, 2012, 18, 7869-7877.	1.7	52
481	Homochiral Metalâ€“Organic Frameworks for Asymmetric Heterogeneous Catalysis. Chemical Reviews, 2012, 112, 1196-1231.	23.0	2,699
482	A 12-connected metalâ€“organic framework constructed from an unprecedented cyclic dodecanuclear copper cluster. Chemical Communications, 2012, 48, 7295.	2.2	26
483	A mixed-valence lanthanide metalâ€“organic framework, templated by 2,2â€²-bipyridine formed in situ reaction: synthesis, structure, and luminescent properties. CrystEngComm, 2012, 14, 5285.	1.3	12
484	Multifunctional 3-Fold Interpenetrated Porous Metalâ€“Organic Frameworks Composed of Unprecedented Self-Catenated Networks. Crystal Growth and Design, 2012, 12, 3392-3396.	1.4	46
485	Enhanced Magnetic Hardness in a Nanoscale Metalâ€“Organic Hybrid Ferrimagnet. Chemistry - A European Journal, 2012, 18, 9534-9542.	1.7	33
486	Metamagnetism and weak ferromagnetism in nickel (II) oxalate crystals. Journal of Physics Condensed Matter, 2012, 24, 196003.	0.7	3
487	Magnetic properties of the seven-coordinated nanoporous framework material Co(bpy)_{1.5}(NO₃)₂ (bpy = 4,4â€²-bipyridine). Dalton Transactions, 2012, 41, 10382-10389.	1.6	21
488	Magnetic Modulation and Cation-Exchange in a Series of Isostructural (4,8)-Connected Metalâ€“Organic Frameworks with Butterfly-like [M₄(OH)₂(RCO₂)₈] Building Units. Chemistry of Materials, 2012, 24, 303-310.	3.2	62
489	Solvothermal synthesis and characterization of coordination polymers of cobalt(II) and zinc(II) with succinic acid. Transition Metal Chemistry, 2012, 37, 257-263.	0.7	28
490	Ferromagnetic interactions in EO-azido-bridged binuclear transition metal(II) systems: Syntheses, crystal structures and magnetostructural correlations. Science China Chemistry, 2012, 55, 942-950.	4.2	4
491	Structureâ€“activity relationships of simple molecules adsorbed on CPO-27-Ni metalâ€“organic framework: In situ experiments vs. theory. Catalysis Today, 2012, 182, 67-79.	2.2	67
492	High-nuclearity cobalt coordination clusters: Synthetic, topological and magnetic aspects. Coordination Chemistry Reviews, 2012, 256, 1246-1278.	9.5	204
493	Coordination polymers based on trinuclear heterometallic pivalates and polypyridines: Synthesis, structure, sorption and magnetic properties. Inorganica Chimica Acta, 2012, 380, 201-210.	1.2	28
494	Zinc and cadmium coordination polymers assembled with 2,2â€²-bipyridine and bithiophenedicarboxylic acid: Effect of metal ions on the conformation of ligand. Inorganica Chimica Acta, 2012, 383, 185-189.	1.2	18

#	Article	IF	Citations
495	Two new 3-D photoluminescence metalâ€“organic frameworks based on cubane Cu4I4 clusters as tetrahedral nodes. Inorganica Chimica Acta, 2012, 384, 287-292.	1.2	16
496	Experimental and theoretical magneto-structural studies on the dicarboxylato-bridged nature of the dicopper(II)-based metalâ€“organic frameworks. Inorganica Chimica Acta, 2012, 387, 137-144.	1.2	7
497	Ferro/antiferromagnetic interactions transmitted by double bridged carboxylate groups in 2D mixed-ligand transition metal coordination polymers. Inorganica Chimica Acta, 2012, 387, 212-218.	1.2	4
498	Two three-dimensional pillared metalâ€“olsalazine complexes based on infinite rod-shaped secondary building units. Inorganica Chimica Acta, 2012, 387, 283-288.	1.2	8
499	Synthesis and structure of a Cu4O4 cubane core complex from a carboxylate ligand containing a strong Ï€â‹¯Ï€ stacking supramolecular synthon. Inorganica Chimica Acta, 2012, 386, 102-108.	1.2	7
500	Synthesis, structure and magnetic properties of two organically-templated coordination polymers, {[EDAH2][M1M2F2(SO4)2(H2O)2]}n (M1=M2=NiII and M1=CoII, M2=NiII). Inorganica Chimica Acta, 2012, 389, 85-89.	1.2	3
501	A templated lanthanide metal-organic framework: synthesis, structure, and luminescence of (bpy) [Eu (ip)1.5(H2O)4] (bpy = 4,4â€²-bipyridine, ip = isophthalate). Inorganic Chemistry Communication, 2012, 15, 159-162.	1.8	12
502	Effect of metal ions on the structures of metalâ€“organic frameworks based on mixed ligands. Inorganic Chemistry Communication, 2012, 15, 288-291.	1.8	10
503	Syntheses, structures and magnetic properties of two new complexes constructed from mixed rigid ligands. Inorganic Chemistry Communication, 2012, 16, 55-60.	1.8	12
504	A 3D photoluminescent Cd(II) polymer based on mixed 3,5-bis-oxyacetate-benzoic acid and rigid bis(imidazole) ligands with an unusual (4,8)-connected topology. Inorganic Chemistry Communication, 2012, 17, 180-183.	1.8	22
505	A novel 3D (4,5,14)-connected layer-pillared metal-organic framework containing rare planar hexnuclear cadmium(II) clusters. Inorganic Chemistry Communication, 2012, 20, 312-316.	1.8	11
506	Synthesis, characterization and magnetic properties of hollow microspheres with micro-mesoporous shells assembled from cobalt-based ferrocenyl coordination polymers. Journal of Colloid and Interface Science, 2012, 367, 92-100.	5.0	22
507	Electrocatalytic four-electron reduction of oxygen with Copper (II)-based metal-organic frameworks. Electrochemistry Communications, 2012, 19, 29-31.	2.3	256
508	Epitaxially grown metal-organic frameworks. Materials Today, 2012, 15, 110-116.	8.3	117
509	Two coordination polymers of manganese(II) isophthalate and their preparation, structures, and magnetic properties. Journal of Solid State Chemistry, 2012, 185, 37-41.	1.4	7
510	Heat capacity and neutron diffraction studies on the frustrated magnetic Co2(OH)(PO4)1â^'x(AsO4)x [0â‰¤xâ‰¤1] solid solution. Journal of Solid State Chemistry, 2012, 188, 1-10.	1.4	6
511	Metal-organic frameworks with N-(4-pyridylmethyl)iminodiacetate ligand: Synthesis, structure and sorption properties. Microporous and Mesoporous Materials, 2012, 152, 96-103.	2.2	34
512	A novel 1D chain of azido bridged copper(II) with a salen-type di-Schiff base ligand. Journal of Molecular Structure, 2012, 1019, 32-36.	1.8	29

#	Article	IF	Citations
513	Synthesis, structure, photoluminescence and magnetic properties of lanthanide-pyridine-2,4,6-tricarboxylate coordination polymers. Solid State Sciences, 2012, 14, 682-688.	1.5	7
514	Synthesis, structures and optical properties of coordination compounds bearing N,N-dimethyl-4-(pyridin-4-yldiazenyl) aniline. Polyhedron, 2012, 35, 7-14.	1.0	7
515	Synthesis, characterization, and luminescence properties of magnesium coordination networks synthesized using an isophthalate linker. Polyhedron, 2012, 37, 42-47.	1.0	6
516	Structural variations in polynuclear copper(II) complexes based on salicylaldimine type ligands along with dicyanamido co-ligand. Polyhedron, 2012, 39, 31-37.	1.0	21
517	Threeâ€Dimensional Porous Metalâ€“Radical Frameworks Based on Triphenylmethyl Radicals. Chemistry - A European Journal, 2012, 18, 152-162.	1.7	38
518	Synergetic Effect of Hostâ€“Guest Chemistry and Spin Crossover in 3D Hofmannâ€like Metalâ€“Organic Frameworks [Fe(bpac)M(CN)₄] (M=Pt, Pd, Ni). Chemistry - A European Journal, 2012, 18, 507-516.	1.7	107
519	Reversible Solvatomagnetic Switching in a Spongelike Manganese(II)â€“Copper(II) 3D Open Framework with a Pillared Square/Octagonal Layer Architecture. Chemistry - A European Journal, 2012, 18, 1608-1617.	1.7	86
520	Homochiral, Supramolecular Frameworks Built from a Zinc(II) Tetramer or Cadmium(II) Dimer Containing Enantiopure Carboxylate Ligands Functionalized with a Strong Ï€Â·Â·Â·Ï€ Stacking Synthon. European Journal of Inorganic Chemistry, 2012, 2012, 712-719.	1.0	17
521	Zinc(II), Cadmium(II) and Copper(II) Complexes of a Pyridine Containing Tetrazole Ligand: Synthesis, Crystal Structures and Spectral Properties. Journal of Chemical Crystallography, 2013, 43, 266-274.	0.5	1
522	Solvents influence on sizes of channels in three fry topological Mn(ii)-MOFs based on metalâ€“carboxylate chains: syntheses, structures and magnetic properties. CrystEngComm, 2013, 15, 8125.	1.3	66
523	Synthesis of a New Interpenetrated Mixed Ligand Ni(II) Metalâ€“Organic Framework: Structural, Thermal and Fluorescence Studies and its Thermal Decomposition to NiO Nanoparticles. Journal of Inorganic and Organometallic Polymers and Materials, 2013, 23, 808-815.	1.9	7
524	Two New Coordination Polymers of Manganese(II) with O/O- and N/O-Donor Ligands: Synthesis, Structure, Luminescence Study and Thermal Behavior. Journal of Inorganic and Organometallic Polymers and Materials, 2013, 23, 736-742.	1.9	6
525	Atomâ€Economic Synthesis of Optically Active Warfarin Anticoagulant over a Chiral MOF Organocatalyst. Advanced Synthesis and Catalysis, 2013, 355, 2538-2543.	2.1	33
526	First-Principles Study of Microporous Magnets M-MOF-74 (M = Ni, Co, Fe, Mn): the Role of Metal Centers. Inorganic Chemistry, 2013, 52, 9356-9362.	1.9	94
527	Synthesis, structure and luminescent recognition properties of cerium(IV) coordination polymers based on pyridine-2,6-dicarboxylic acid. Dyes and Pigments, 2013, 99, 257-267.	2.0	17
528	Syntheses and characterizations of two-dimensional polymers based on tetraimidazole tetraphenylethylene ligand with aggregation-induced emission property. Inorganic Chemistry Communication, 2013, 35, 208-212.	1.8	7
529	A Polyoxometalateâ€Based Coordination Polymer with the Diamondoid Topology. European Journal of Inorganic Chemistry, 2013, 2013, 1631-1634.	1.0	20
530	Magnetostructural transition, metamagnetism, and magnetic phase coexistence in Co10Ge3O16. Physical Review B, 2013, 88, .	1.1	5

#	ARTICLE	IF	CITATIONS
531	Tuning structural topologies of four Ni(ii) coordination polymers through modifying the substitute group of organic ligand. CrystEngComm, 2013, 15, 6191.	1.3	63
532	Solvent controlled assembly of four Mn(ii)-2,5-thiophenedicarboxylate frameworks with rod-packing architectures and magnetic properties. CrystEngComm, 2013, 15, 6009.	1.3	42
533	A flexible Eu(iii)-based metalâ€"organic framework: turn-off luminescent sensor for the detection of Fe(iii) and picric acid. Dalton Transactions, 2013, 42, 12403.	1.6	333
534	From (3,6)-Connected kgd, chiral anh to (3,8)-connected tfz-d Nets in Low Nuclear Metal Cluster-Based Networks with Triangular Pyridinedicarboxylate Ligand. Crystal Growth and Design, 2013, 13, 1618-1625.	1.4	34
535	Luminescence and magnetic properties of three metalâ€"organic frameworks based on the 5-(1H-tetrazol-5-yl)isophthalic acid ligand. CrystEngComm, 2013, 15, 7636.	1.3	39
536	Single-Ion Magnetic Anisotropy and Isotropic Magnetic Couplings in the Metalâ€"Organic Framework Fe₂(dobdc). Inorganic Chemistry, 2013, 52, 9379-9389.	1.9	43
537	Synthesis, crystal structure and photo luminescent property of a 3D metal-organic hybrid of Cd(II) constructed by two different bridging carboxylate. Journal of Chemical Sciences, 2013, 125, 661-666.	0.7	11
538	Bifunctional pyrazolateâ€"carboxylate ligands for isoreticular cobalt and zinc MOF-5 analogs with magnetic analysis of the {Co4(Î¼4-O)} node. CrystEngComm, 2013, 15, 9757.	1.3	98
539	Cobaltâ€Based 3D Metalâ€"Organic Frameworks: Useful Candidates for Olefin Epoxidation at Ambient Temperature by H₂O₂. European Journal of Inorganic Chemistry, 2013, 2013, 5103-5109.	1.0	17
540	Reactions of (<i>E</i>)-5-(Pyridin-4-yl-methyleneamino)isophthalic Acid (LH₂) with Triorganotin Oxides and â^'Chloride. Formation of One-Dimensional- and Two-Dimensional-Coordination Polymers. Crystal Growth and Design, 2013, 13, 4607-4614.	1.4	24
541	The influence of the metal cation and the N-donor ligand on the reactivity and structures of Cd and Zn coordination compounds with 3-bromopyridine and 3-chloropyridine. Inorganica Chimica Acta, 2013, 407, 243-251.	1.2	10
542	Structural Diversity and Magnetic Properties of Five Cu(II) Complexes with Mixed Naphthalene-Based Dicarboxyl Tecton and Different N-Donor Co-Ligands. Australian Journal of Chemistry, 2013, 66, 963.	0.5	4
543	Metalâ€"Organic Frameworks as A Tunable Platform for Designing Functional Molecular Materials. Journal of the American Chemical Society, 2013, 135, 13222-13234.	6.6	801
544	1D, 2D and 3D coordination polymers of 5,5â€²-methylenebis(oxy)dinicotinic acid with Co(ii), Mn(ii), Cu(ii) and Cd(ii) ions. CrystEngComm, 2013, 15, 7257.	1.3	9
545	Two photoluminescent metalâ€"organic frameworks based on a BODIPY-derived bipyridine ligand. CrystEngComm, 2013, 15, 7315.	1.3	41
546	Hydrothermal synthesis and structural characterization of a new one-dimensional ladder-shaped metal-organic framework Zn(HTci)(4,4â€²-bipy)0.5 Â· H2O (H3Tci = tri(2-carboxyethyl)isocyanurate, 4,4â€²-bipy =)Tj ETQq1 1 0.78431	0.3	2
547	Zinc(ii) coordination compounds based on in situ generated 3-(5H-tetrazol)benzaldehyde with diverse modes: hydrothermal syntheses, crystal structures and photoluminescent properties. CrystEngComm, 2013, 15, 7038.	1.3	16
548	A series of MOFs based on a tricarboxylic acid and various N-donor ligands: syntheses, structures, and properties. CrystEngComm, 2013, 15, 6986.	1.3	50

#	Article	IF	Citations
549	Three new MOFs with unusual CuII 6 cluster, linear CuII chain and triangular CuII 3 core motifs tuned by sulfonate group: Synthesis, structures and magnetic properties. Science China Chemistry, 2013, 56, 465-474.	4.2	8
550	A Porous Metalâ€“Organic Framework Constructed from Carboxylateâ€“Pyrazolate Shared Heptanuclear Zinc Clusters: Synthesis, Gas Adsorption, and Guest-Dependent Luminescent Properties. Inorganic Chemistry, 2013, 52, 10368-10374.	1.9	82
551	A 10-connected coordination network based on the planar tetranuclear cobalt cluster building blocks: synthesis, structure, and magnetism. Inorganic Chemistry Communication, 2013, 34, 12-14.	1.8	13
552	Cobalt(II) Carboxylate Chemistry and Molecular Magnetism. , 2013, , 191-228.		7
553	Fundamentals, Principles, and Concepts of Molecular Magnetism and Spintronics. , 2013, , 131-189.		7
554	Employing tripodal carboxylate ligand to construct Co(ii) coordination networks modulated by N-donor ligands: syntheses, structures and magnetic properties. Dalton Transactions, 2013, 42, 13231.	1.6	24
555	Long-Range Magnetic Ordering at 5.5 K for Cobalt(II)â€“Hydroxide Diamond Chains Isolated by 17 Ã… with Î±-Phenylcinnamate. Inorganic Chemistry, 2013, 52, 2142-2149.	1.9	19
556	Thermodynamic study of sorption processes of gaseous benzene and water on metalâ€“organic framework [Zn4(dmf)(ur)2(ndc)4]. Journal of Chemical Thermodynamics, 2013, 67, 128-133.	1.0	9
557	A homospin cobalt(ii) topological ferrimagnet. Chemical Communications, 2013, 49, 8226.	2.2	40
558	Fine tuning of the coordination environments and magnetic properties of first row transition metal ions with 5-methylisophthalate and 2,2â€²-bipyridine/phenanthroline. Polyhedron, 2013, 50, 219-228.	1.0	7
559	Syntheses, structures and photoluminescent properties of three d10 coordination architectures based on in-situ 1,3,5-triazine derivatives. Journal of Solid State Chemistry, 2013, 208, 127-133.	1.4	22
560	Syntheses, structures and magnetic properties of two isostructural metal-phosphonate frameworks. Inorganica Chimica Acta, 2013, 402, 104-108.	1.2	13
561	Acid directed in situ oxidation and decarboxylation of 4,4â€²,6,6â€²-tetra-methyl-2,2â€²-bipyridine: Synthesis and structural characterisation of 4,4â€²,6-tri-carboxy-2,2â€²-bipyridine and its copper(II) coordination polymer. Inorganica Chimica Acta, 2013, 403, 102-109.	1.2	11
562	Constructions of two photoluminescent 3D coordination polymers comprising of hydroxide-bridged cadmium chain and polynuclear cadmium macrocycle using phenylsuccinic acid. Journal of Molecular Structure, 2013, 1051, 72-77.	1.8	8
563	High-throughput screening of small-molecule adsorption in MOF. Journal of Materials Chemistry A, 2013, 1, 13597.	5.2	92
564	Two new Cu(II) complexes constructed by mixed-organic tectonics: Structures, magnetic properties and photocatalytic degradation of organic dyes. Inorganic Chemistry Communication, 2013, 36, 137-140.	1.8	24
565	Synthesis, crystal structures and magnetism of two coordination compounds constructed from 2,5-disulfonylterephthalate ligand. Inorganica Chimica Acta, 2013, 405, 222-227.	1.2	4
566	Construction of Ag(I)â€“Ln(III) Heterometallic Coordination Polymers Based on Binuclear Ag₂(DSPT)₂ (H₂DSPT = 4â€²-(2,4-Disulfophenyl)-2,2â€²:6â€²2â€³-terpyridine) Rings and Ln(III) Dimeric Molecular Building Blocks. Crystal Growth and Design, 2013, 13, 4428-4434.	4.4	43

#	Article	IF	Citations
567	Metalâ€“organic frameworks for upgrading biogas via CO2 adsorption to biogas green energy. Chemical Society Reviews, 2013, 42, 9304.	18.7	366
568	Metal-organic frameworks as heterogeneous catalysts for electrocatalytic oxidative carbonylation of methanol to dimethyl carbonate. Electrochemistry Communications, 2013, 34, 211-214.	2.3	46
569	Molecular Mechanisms of Water-Mediated Proton Transport in MIL-53 Metalâ€“Organic Frameworks. Journal of Physical Chemistry C, 2013, 117, 19508-19516.	1.5	42
570	Gabapentin Coordination Networks: Mechanochemical Synthesis and Behavior under Shelf Conditions. Crystal Growth and Design, 2013, 13, 5007-5017.	1.4	11
571	A 3D Iron(II)-Based MOF with Squashed Cuboctahedral Nanoscopic Cages Showing Spin-Canted Long-Range Antiferromagnetic Ordering. Inorganic Chemistry, 2013, 52, 12064-12069.	1.9	48
572	New cobalt and nickel thiocyanato coordination polymers with pyridazine: Synthesis, structure and desolvation/resolvation behavior. Polyhedron, 2013, 52, 1073-1080.	1.0	10
573	2D-Coordination Polymer Containing Interconnected 82-Membered Organotin Macrocycles. Crystal Growth and Design, 2013, 13, 4655-4658.	1.4	24
574	Cobalt(II) complex containing two-ring scorpionate-like ligands formed in situ. Studies on the [Co0â€“1-hydroxymethyl-3,5-dimethylpyrazoleâ€“MoO3â€“NH4I] system. Inorganic Chemistry Communication, 2013, 35, 22-26.	1.8	15
575	Engineering metal-based luminescence in coordination polymers and metalâ€“organic frameworks. Chemical Society Reviews, 2013, 42, 9232.	18.7	898
576	Synthesis, crystal structures and properties of transition metal coordination polymers based on a rigid triazole dicarboxylic acid. RSC Advances, 2013, 3, 25175.	1.7	18
577	A Family of Metalâ€“Organic Frameworks Based on Carboxylates and a Neutral, Long, and Rigid Ligand: Their Structural Revelation, Magnetic, and Luminescent Property Study. Crystal Growth and Design, 2013, 13, 5442-5449.	1.4	47
578	Insight in the activity and diastereoselectivity of various Lewis acid catalysts for the citronellal cyclization. Journal of Catalysis, 2013, 305, 118-129.	3.1	51
579	Influence of the counter ion on the structure of two new copper(I) coordination polymers: Synthesis, structural characterization and thermal analysis. Journal of Molecular Structure, 2013, 1037, 236-241.	1.8	26
580	Synthesis, structure, and thermal behavior of polymeric zinc(ii) pivalate. Russian Chemical Bulletin, 2013, 62, 427-434.	0.4	19
581	Auxiliary ligand-directed synthesis of a series of Cd(ii)/Co(ii) coordination polymers with methylenebis(3,5-dimethylpyrazole): syntheses, crystal structures, and properties. Dalton Transactions, 2013, 42, 15106.	1.6	19
582	Cadmiumâ€“Furandicarboxylate Coordination Polymers Prepared with Different Types of Pyridyl Linkers: Synthesis, Divergent Dimensionalities, and Luminescence Study. Crystal Growth and Design, 2013, 13, 5272-5281.	1.4	48
584	Ionothermal synthesis of a 3D heterometallic coordination polymer based on the rod shaped copper(II)â€“sodium(I)-carboxylate secondary building units with a pcu topology. Inorganic Chemistry Communication, 2013, 38, 62-64.	1.8	5
585	Three multifunctional three-dimensional metalâ€“organic frameworks based on a flexible N,Nâ€²-bis(3-pyridinecarboxamide)-1,6-hexane and 3-nitrophthalate: Syntheses, structures and properties. Inorganica Chimica Acta, 2013, 408, 139-144.	1.2	19

#	Article	IF	Citations
586	Tuning metalâ€“carboxylate coordination in crystalline metalâ€“organic frameworks through surfactant media. Journal of Solid State Chemistry, 2013, 206, 27-31.	1.4	126
587	Lanthanide metalâ€“organic frameworks constructed by asymmetric 2-nitrobiphenyl-4,4â€²-dicarboxylate ligand: syntheses, structures, luminescence and magnetic investigations. CrystEngComm, 2013, 15, 9020.	1.3	15
588	Construction of lanthanide multi-functional metalâ€“organic frameworks via mixed ligand approach: Syntheses, structures, magnetic and luminescent properties. Inorganic Chemistry Communication, 2013, 37, 30-33.	1.8	5
589	Manganese(ii) and copper(ii) nitrate bis-imidazole coordination polymers: dimensionality and product morphology. CrystEngComm, 2013, 15, 9704.	1.3	5
590	Tuning the Moisture and Thermal Stability of Metalâ€“Organic Frameworks through Incorporation of Pendant Hydrophobic Groups. Crystal Growth and Design, 2013, 13, 4760-4768.	1.4	94
591	Syntheses, structural diversities and magnetic properties of four new Co(II) coordination polymers with phthalic acid derivatives. Polyhedron, 2013, 51, 283-291.	1.0	12
592	Two new polar coordination polymers with diamond networks: interpenetration and thermal phase transition. CrystEngComm, 2013, 15, 9530.	1.3	11
593	A Rational Route to Coordination Polymers with Condensed Networks and Cooperative Magnetic Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 2696-2714.	0.6	72
594	Semiconductive and Magnetic One-Dimensional Coordination Polymers of Cu(II) with Modified Nucleobases. Inorganic Chemistry, 2013, 52, 11428-11437.	1.9	38
595	Syntheses, structures, and magnetic properties of one-dimensional coordination polymers based on N-succinopyridine ligand. CrystEngComm, 2013, 15, 7670.	1.3	3
596	New highly ordered hydrophobic siloxane-based coordination polymers. Polymer, 2013, 54, 6096-6104.	1.8	20
597	Use of Cu(II)-di-Schiff bases as metalloligands in the formation of complexes with Cu(II), Ni(II) and Zn(II) perchlorate. Polyhedron, 2013, 65, 322-331.	1.0	18
598	Bifunctional Co(II)â€“Ag(I) and Ni(II)â€“Ag(I) Frameworks: Modulation of Magnetic Property and CO₂ Uptake Based on Organic Pillars. Crystal Growth and Design, 2013, 13, 4968-4976.	1.4	12
599	Construction of a series of coordination polymers from three imidazole-based multi-carboxylate ligands. Dalton Transactions, 2013, 42, 14268.	1.6	36
600	Synthesis, topology and energy analysis of crystalline resorcinol-based oligophenylene molecules with various symmetries. CrystEngComm, 2013, 15, 6845.	1.3	10
601	Three pillared-layer 3dâ€“4f heterometallic frameworks based on tetranuclear lanthanide clusters. CrystEngComm, 2013, 15, 9504.	1.3	14
602	A surfactant-thermal method to prepare four new three-dimensional heterometalâ€“organic frameworks. Dalton Transactions, 2013, 42, 11367.	1.6	119
603	A 2D coordination polymer based on Co3-SBU showing spin-canting ferromagnetic behaviour. RSC Advances, 2013, 3, 25237.	1.7	25

#	Article	IF	Citations
604	Tuning the Zn(ii) coordination assembly by adjusting the spacers of 2-pyridylthiomethyl functionalized 1,2,3-triazoles. CrystEngComm, 2013, 15, 10451.	1.3	16
605	Hostâ€“guest keyâ€“lock hydrogen-bonding interactions: a rare case in the design of a V-shaped polycarboxylate Ni(ii)-based chiral coordination polymer. CrystEngComm, 2013, 15, 9798.	1.3	18
606	Hydrothermal synthesis of an ortho-metallated Co(iii) complex anchored by a carboxylate group with a selective oxidation catalytic property. Dalton Transactions, 2013, 42, 4313.	1.6	5
607	Coordination polymers of lanthanide complexes with benzene dicarboxylato ligands. CrystEngComm, 2013, 15, 6340.	1.3	23
608	Synthesis, structural versatility, luminescent and magnetic properties of a series of coordination polymers constructed from biphenyl-2,4,4â€²-tricarboxylate and different N-donor ligands. CrystEngComm, 2013, 15, 10287.	1.3	69
609	Structural diversity and fluorescent properties of CdII coordination polymers with 5-halonicotinates regulated by solvent and ligand halogen-substituting effect. CrystEngComm, 2013, 15, 9713.	1.3	30
610	Luminescent Properties and Applications of Metal-Organic Frameworks. Structure and Bonding, 2013, , 27-88.	1.0	16
611	Three 3-amino-1,2,4-triazole-based cobalt(II) complexes incorporating with different carboxylate coligands: synthesis, crystal structures, and magnetic behavior. Journal of Coordination Chemistry, 2013, 66, 4399-4414.	0.8	12
612	Fabrication of metalâ€“organic hybrid architectures using bridging diphenyl phosphate: Syntheses, characterization, magnetic properties and the effect of weak interactions on their crystal packing. Dalton Transactions, 2013, 42, 2094-2106.	1.6	23
613	Stepwise tuning of the substituent groups from mother BTB ligands to two hexaphenylbenzene based ligands for construction of diverse coordination polymers. CrystEngComm, 2013, 15, 8511.	1.3	9
614	Guest responsivity of a two-dimensional coordination polymer incorporating a cholesterol-based co-ligand. Dalton Transactions, 2013, 42, 15893.	1.6	4
615	Unprecedented infinite lanthanide hydroxide ribbons [Ln3(Î¼3-OH)3]n6n+ in a 3-D metalâ€“organic framework. Chemical Communications, 2013, 49, 8344.	2.2	18
616	An unusual 3D 8-connected entangled coordination network with coexistence of self-threading, polythreading and interpenetration. CrystEngComm, 2013, 15, 10435.	1.3	16
617	Synthesis, characterization, and magnetic studies of a series of metalâ€“mellitate coordination polymers. CrystEngComm, 2013, 15, 1225.	1.3	11
618	A unique 3-D (3,18)-connected coordination framework based on a new type of {Zn18} double-stranded metallacrown. CrystEngComm, 2013, 15, 10171.	1.3	9
619	Racemic metal phosphonates based on 1-phosphonomethyl-2-benzimidazol-piperidine. CrystEngComm, 2013, 15, 10316.	1.3	10
620	Novel (4,8)-connected scu coordination framework constructed by tetrakis(4-benzoic acid)ethylene. CrystEngComm, 2013, 15, 1669.	1.3	14
621	Redox-switchable tetra-copper assembly of N,N-, N,O-phenolate-phenanthroimidazolate bridging ligands. Dalton Transactions, 2013, 42, 2358.	1.6	14

#	Article	IF	Citations
622	Structural diversity and magnetic properties of five copperâ€“organic frameworks containing one-, two-, and three-types of organic ligands. Dalton Transactions, 2013, 42, 3455-3463.	1.6	10
623	Oxalate-extended Cd2+â€“acylhydrazidate coordination polymers: synthesis, structure and fluorescence property. CrystEngComm, 2013, 15, 5919.	1.3	20
624	Transition metal-directed assembly of diverse coordination polymers based on multifunctional ligand 2,4-dichloro-5-sulfamoylbenzoic acid. CrystEngComm, 2013, 15, 8483.	1.3	3
625	A photoluminescent microporous metal organic anionic framework for nitroaromatic explosive sensing. Journal of Materials Chemistry A, 2013, 1, 4525.	5.2	118
626	Racemic metal phosphonates based on 2-phenyl-2-(phosphonomethylamino)acetate. Dalton Transactions, 2013, 42, 14075.	1.6	11
627	Structures and magnetic properties of copper(ii) and manganese(ii) polymers derived from pseudohalides and a flexible zwitterionic dicarboxylate ligand. Dalton Transactions, 2013, 42, 8748.	1.6	22
628	A series of coordination polymers based on a 5-(3â€²-amine-1â€²H-pyrazol-4â€²-yl)-1H-tetrazole ligand: synthesis, structure and properties. CrystEngComm, 2013, 15, 10094.	1.3	8
629	Structural, magnetic and optical properties of an Fe^{III}dimer bridged by the meridional planar divergent N,Nâ€²-bis(salicyl)hydrazide and its photo- and electro-chemistry in solution. Dalton Transactions, 2013, 42, 1406-1416.	1.6	12
630	New Cd2+, Pb2+ complexes with acylhydrazidate molecules from in situ acylation reactions. Dalton Transactions, 2013, 42, 8771.	1.6	23
631	A new family of 3dâ€“4f heterometallic coordination polymers assembled with 1H-1,2,3-triazole-4,5-dicarboxylic acid: syntheses, structures and magnetic properties. RSC Advances, 2013, 3, 21511.	1.7	20
632	Auxiliary ligand-directed and counter anion-templated effects on coordination networks based on semirigid 2-aminodiacetic terephthalic acid ligand. CrystEngComm, 2013, 15, 911-921.	1.3	30
633	Syntheses, structures, photoluminescence and magnetic properties of four-connected lanthanideâ€“tricarboxylate coordination polymers. CrystEngComm, 2013, 15, 3308.	1.3	28
634	Construction of metalâ€“organic coordination polymers derived from 4-substituted tetrazoleâ€“benzoate ligands: synthesis, structure, luminescence, and magnetic behaviors. CrystEngComm, 2013, 15, 3402.	1.3	38
635	Two New (3,6)-Connected Frameworks Based on an Unsymmetrical Tritopic Pyridyldicarboxylate Ligand and Co₂ Dimer: Structures, Magnetic, and Sorption Properties. Crystal Growth and Design, 2013, 13, 701-707.	1.4	25
636	Adsorptive removal of hazardous materials using metal-organic frameworks (MOFs): A review. Journal of Hazardous Materials, 2013, 244-245, 444-456.	6.5	1,140
637	Mechanochemical synthesis of a fluorenone-based metal organic framework with polarized fluorescence: an experimental and computational study. Journal of Materials Chemistry C, 2013, 1, 997-1004.	2.7	59
638	The synthesis, structures and magnetic properties of polynuclear RuIIIâ€“3d (3d = MnII/III, NiII, CuII) compounds based on [RuIII(Q)2(CN)2]â^'. Dalton Transactions, 2013, 42, 3876.	1.6	20
639	Coordination Polymers Based on the Trinuclear Triangular Secondary Building Unit [Cu₃(Î¼₃-OH)(Î¼-pz)₃]²⁺ (pz = pyrazolate) and Succinate Anion. Crystal Growth and Design, 2013, 13, 126-135.	1.4	26

#	Article	IF	Citations
640	A rare alb-4,8-Cmce metalâ€“coordination network based on tetrazolate and phosphonate functionalized 1,3,5,7-tetraphenyladamantane. CrystEngComm, 2013, 15, 1235.	1.3	42
641	Conformational control of ligands to create a finite metalâ€“organic cluster and an extended metalâ€“organic framework. CrystEngComm, 2013, 15, 259-264.	1.3	27
642	Structural diversity and luminescent properties of lanthanide 2,2- and 2,3-dimethylsuccinate frameworks. CrystEngComm, 2013, 15, 100-110.	1.3	24
643	Mesoporous separation membranes of {[Cu(BTCâ€“H₂)₂Â·(H₂O)₂]Â·3H₂O} nanobelts synthesized by ultrasonication at room temperature. CrystEngComm, 2013, 15, 265-270.	1.3	29
644	Assembly of alternating spin-chains with magnetically anisotropic cobalt(ii) dimers. Dalton Transactions, 2013, 42, 1770-1777.	1.6	10
645	Adsorption of naproxen and clofibric acid over a metalâ€“organic framework MIL-101 functionalized with acidic and basic groups. Chemical Engineering Journal, 2013, 219, 537-544.	6.6	262
646	Dynamic magnetic MOFs. Chemical Society Reviews, 2013, 42, 1525-1539.	18.7	577
647	Two three-dimensional metalâ€“organic frameworks constructed by thiazole-spaced pyridinecarboxylates exhibiting selective gas sorption or antiferromagnetic coupling. New Journal of Chemistry, 2013, 37, 425-430.	1.4	10
648	Luminescent Coordination Polymers Based on Selfâ€Assembled Cadmium Dipyrrin Complexes. Chemistry - A European Journal, 2013, 19, 3215-3223.	1.7	42
649	Small-angle X-ray scattering documents the growth of metal-organic frameworks. Catalysis Today, 2013, 205, 120-127.	2.2	56
650	Synthesis, structure and magnetic properties of a 3D anionic framework based on butterfly Ni4 clusters. Inorganic Chemistry Communication, 2013, 38, 50-53.	1.8	9
651	Self-assembly of tetrabromoterephthalic acid with different metal system: Diversity in dimensionalities, structures and gas adsorption. Polyhedron, 2013, 52, 553-559.	1.0	4
652	A novel Ag(I) coordination polymers based on 2-(pyridin-4-yl)-1H-imidazole-4,5-dicarboxylic acid: Syntheses, structures, ferroelectric, dielectric and optical properties. Inorganica Chimica Acta, 2013, 406, 95-99.	1.2	22
653	Dzyaloshinskiâ€“Moriya (Dâ€“M) oriented weak ferromagnets in isomorphic coordination architectures constructed by flexible 1,2,4-triazole-1-acetate ligands with the assistance of halogen or pseudohalogen anions. Inorganic Chemistry Communication, 2013, 35, 290-294.	1.8	5
654	Sodium templated formation of a unique tetradecanuclear {Zn12(Î¼3-OH)6Na2(Î¼2-O)}18+ hetero-metal cluster core having an auxiliary bithiazole dibenzoate ligand. Inorganic Chemistry Communication, 2013, 31, 62-65.	1.8	5
655	Cadmium(II) and zinc(II) coordination polymers built with an ethynyl backbone containing an unsymmterical amide ligand: Syntheses, crystal structures, and photoluminescent properties. Inorganica Chimica Acta, 2013, 405, 77-82.	1.2	14
656	Coligand-regulated assembly, fluorescence, and magnetic properties of Co(II) and Cd(II) complexes with a non-coplanar dicarboxylate. Journal of Solid State Chemistry, 2013, 206, 233-241.	1.4	24
657	Temperature dependent structure formation and photoluminescence studies of a series of magnesium-based coordination networks. Inorganica Chimica Acta, 2013, 394, 452-458.	1.2	20

#	Article	IF	Citations
658	Solvothermal synthesis, crystal structures and properties of two new magnesium coordination polymers of (l)-malic acid. Inorganic Chemistry Communication, 2013, 32, 22-27.	1.8	10
659	Synthesis, structure and properties of zinc(II) coordination polymers with 9H-carbazole-2,7-dicarboxylic acid. Journal of Solid State Chemistry, 2013, 206, 293-299.	1.4	13
660	Synthesis, spectroscopy, and magnetic characterization of copper(II) and cobalt(II) complexes with 2-amino-5-bromopyridine as ligand. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2013, 39, 867-871.	0.3	4
661	Synthesis, crystal structures and properties of three glutarato and adipato bridged manganese(II) coordination polymers under ambient conditions. Solid State Sciences, 2013, 18, 42-49.	1.5	10
662	Synthesis, crystal structure and magnetic properties of manganese(II) coordination polymer from isonicotinate and amino-tetrazole mixed-ligands. Inorganic Chemistry Communication, 2013, 36, 174-178.	1.8	8
663	Synthesis and characterization of d10 metal complexes with mixed 1,3-di(1H-imidazol-4-yl)benzene and multicarboxylate ligands. Journal of Solid State Chemistry, 2013, 202, 215-226.	1.4	18
664	Topological aspects of lanthanideâ€“adipateâ€“aqua compounds: Close packed and open framework structures. Journal of Solid State Chemistry, 2013, 203, 128-133.	1.4	5
665	Studies of two lanthanide coordination polymers built up from dinuclear units. Journal of Rare Earths, 2013, 31, 85-93.	2.5	20
666	Syntheses and characterizations of two-dimensional lanthanide coordination polymers based on anthraquinone-1,4,5,8-tetracarboxylic acid. Inorganic Chemistry Communication, 2013, 28, 20-24.	1.8	4
667	A 3D Zn(II) coordination polymer with a new semi-rigid tripodal ligand tecton showing 4-connected three-fold interpenetrating diamond network and helical character. Inorganic Chemistry Communication, 2013, 34, 51-54.	1.8	16
668	Influential factors on assembly of first-row transition metal coordination polymers. Inorganica Chimica Acta, 2013, 403, 53-62.	1.2	22
669	Hydrothermal reactions: From the synthesis of ligand to new lanthanide 3D-coordination polymers. Journal of Solid State Chemistry, 2013, 207, 132-139.	1.4	1
670	Four novel coordination polymers of transition metals built using a semi rigid oxygen donor ligand: Crystal structures, novel topology and emission studies. Polyhedron, 2013, 50, 169-178.	1.0	20
671	A novel LaIII-based metalâ€“organic framework (MOF) with a new topology: poly[diaquabis(Î¼5-2,5-dioxopiperazine-1,4-diacetato)(Î¼2-oxalato)dilanthanum(III)]. Acta Crystallographica Section C: Crystal Structure Communications, 2013, 69, 5-7.	0.4	1
672	A novel (3,3,6)-connected luminescent metalâ€“organic framework for sensing of nitroaromatic explosives. Dalton Transactions, 2013, 42, 5508.	1.6	115
673	Synthesis, characterization and crystal structure of one Cu(II) complex with flexible tetrapyridine and fatty acid ligand. Inorganic Chemistry Communication, 2013, 29, 27-29.	1.8	7
674	Reversible Switching from Antiferro- to Ferromagnetic Behavior by Solvent-Mediated, Thermally-Induced Phase Transitions in a Trimorphic MOF-Based Magnetic Sponge System. Journal of the American Chemical Society, 2013, 135, 4040-4050.	6.6	209
675	Ligand Functionalization and Its Effect on CO₂ Adsorption in Microporous Metalâ€“Organic Frameworks. Chemistry - an Asian Journal, 2013, 8, 778-785.	1.7	39

#	Article	IF	Citations
677	A series of compounds containing various (oxalato)tantalate(v) complex anions â€“ synthesis, properties and the mixed-metal oxide formation via thermal decomposition. CrystEngComm, 2013, 15, 533-543.	1.3	13
678	Synthesis, structures and adsorption properties of two new magnesium coordination polymers. Solid State Sciences, 2013, 16, 29-33.	1.5	6
679	Diffusion of Xylene Isomers in the MIL-47(V) MOF Material: A Synergic Combination of Computational and Experimental Tools. Journal of Physical Chemistry C, 2013, 117, 6293-6302.	1.5	44
680	Four Metalloporphyrinic Frameworks as Heterogeneous Catalysts for Selective Oxidation and Aldol Reaction. Inorganic Chemistry, 2013, 52, 3620-3626.	1.9	78
681	From metalâ€“organic framework (MOF) to MOFâ€“polymer composite membrane: enhancement of low-humidity proton conductivity. Chemical Science, 2013, 4, 983-992.	3.7	329
682	Reversible structural transformation and selective gas adsorption in a unique aqua-bridged Mn(ii) metalâ€“organic framework. Chemical Communications, 2013, 49, 2329.	2.2	28
683	Proton Conduction in Metalâ€“Organic Frameworks and Related Modularly Built Porous Solids. Angewandte Chemie - International Edition, 2013, 52, 2688-2700.	7.2	658
684	Triangle, square and delta-chain based cobalt tetrazolate magnets. Dalton Transactions, 2013, 42, 6611.	1.6	56
685	Structural Observations of Heterometallic Uranyl Copper(II) Carboxylates and Their Solidâ€State Topotactic Transformation upon Dehydration. Chemistry - A European Journal, 2013, 19, 2012-2022.	1.7	59
686	Energetic performances of the metalâ€“organic framework ZIF-8 obtained using high pressure water intrusionâ€“extrusion experiments. Physical Chemistry Chemical Physics, 2013, 15, 4888.	1.3	85
687	Expanded Porous MOF-505 Analogue Exhibiting Large Hydrogen Storage Capacity and Selective Carbon Dioxide Adsorption. Inorganic Chemistry, 2013, 52, 2823-2829.	1.9	91
688	Series of 2D Heterometallic Coordination Polymers Based on Ruthenium(III) Oxalate Building Units: Synthesis, Structure, and Catalytic and Magnetic Properties. Inorganic Chemistry, 2013, 52, 3933-3941.	1.9	21
689	Synthesis and structural characterization of 3dâ€“4f heterometallic coordination polymers: from cluster to chain. New Journal of Chemistry, 2013, 37, 1364.	1.4	9
690	Pd(diimine)Cl2 embedded heterometallic compounds with porous structures as efficient heterogeneous catalysts. Chemical Communications, 2013, 49, 2403.	2.2	74
691	Syntheses, Structures, Photochemical and Magnetic Properties of Novel Divalent Cd/Mn Coordination Polymers Based on a Semirigid Tripodal Carboxylate Ligand. Crystal Growth and Design, 2013, 13, 1694-1702.	1.4	26
692	Water Sorption Cycle Measurements on Functionalized MIL-101Cr for Heat Transformation Application. Chemistry of Materials, 2013, 25, 790-798.	3.2	238
693	Reactivity of Surface Species in Heterogeneous Catalysts Probed by In Situ X-ray Absorption Techniques. Chemical Reviews, 2013, 113, 1736-1850.	23.0	553
694	Effect of anions on the self-assembly of Zn(ii) with a hydrogenated Schiff base ligand: structural diversity and photoluminescent properties. CrystEngComm, 2013, 15, 2714.	1.3	29

#	Article	IF	Citations
695	Single-chain magnets: beyond the Glauber model. RSC Advances, 2013, 3, 3772.	1.7	218
696	Coordination polymers of flexible poly-carboxylic acids with metal ions. IV. Syntheses, structures, and magnetic properties of polymeric networks of 5-(3,5)-(dicarboxybenzyloxy)isophthalic acid with Cd(ii), Cu(ii), Co(ii) and Mn(ii) ions. CrystEngComm, 2013, 15, 2853.	1.3	32
697	Lanthanide coordination polymers based on 5-(2â€²-carboxylphenyl) nicotinate: syntheses, structure diversity, dehydration/hydration, luminescence and magnetic properties. Dalton Transactions, 2013, 42, 4822.	1.6	27
698	Absorption of CO₂ and CS₂ into the Hofmann-Type Porous Coordination Polymer: Electrostatic versus Dispersion Interactions. Journal of the American Chemical Society, 2013, 135, 4840-4849.	6.6	72
699	A microporous luminescent europium metalâ€“organic framework for nitro explosive sensing. Dalton Transactions, 2013, 42, 5718.	1.6	220
700	Novel Co-based metalâ€“organic frameworks and their magnetic properties using asymmetrically binding 4-(4â€²-carboxyphenyl)-1,2,4-triazole. Dalton Transactions, 2013, 42, 7795.	1.6	34
701	Two cobalt coordination polymers based on an asymmetric dicarboxylate: structural diversity tuned by auxiliary ligands. Journal of Coordination Chemistry, 2013, 66, 737-747.	0.8	10
702	Pore Design of Two-Dimensional Coordination Polymers toward Selective Adsorption. Inorganic Chemistry, 2013, 52, 3634-3642.	1.9	89
703	Examples of Heterometallic 3d-3d Azido Complexes by One-Pot Synthesis. European Journal of Inorganic Chemistry, 2013, 2013, 2389-2394.	1.0	8
704	Research Front on Coordination Polymers. Australian Journal of Chemistry, 2013, 66, 397.	0.5	3
705	Solvent-Induced Reversible Crystal-to-Amorphous Transformation Properties of Cobalt(II) 4-Aminomethylpyridine-Sulfate with Chromotropism. Australian Journal of Chemistry, 2013, 66, 477.	0.5	12
706	When metal organic frameworks turn into linear magnets. Physical Review B, 2013, 87, .	1.1	65
707	Ground triplet pyrimidine-4,6-diyl bis(tert-butyl nitroxide) as a paramagnetic building block for metalâ€“organic frameworks. Tetrahedron Letters, 2013, 54, 3120-3123.	0.7	10
708	Auxiliary ligand-assisted structural diversities of three metalâ€“organic frameworks with potassium 1H-1,2,3-triazole-4,5-dicarboxylic acid: syntheses, crystal structures and luminescence properties. CrystEngComm, 2013, 15, 2682.	1.3	41
709	Manganese(II), Iron(II), and Mixed-Metal Metalâ€“Organic Frameworks Based on Chains with Mixed Carboxylate and Azide Bridges: Magnetic Coupling and Slow Relaxation. Inorganic Chemistry, 2013, 52, 4259-4268.	1.9	63
710	New two-dimensional Mn(ii) metalâ€“organic framework featured spin canting. Dalton Transactions, 2013, 42, 7092.	1.6	25
711	Syntheses, structures and luminescence properties of novel metalâ€“organic frameworks based on zinc(ii), cadmium(ii) or lead(ii) and a 2,2â€²-dimethoxy-functionalised biphenyl linker. CrystEngComm, 2013, 15, 3874.	1.3	25
712	Synthesis, crystal structure, and luminescence properties of coordination polymers based on cadmium isonicotinates. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2013, 39, 321-327.	0.3	5

#	Article	IF	Citations
713	Bimodal Magneto-Luminescent Dysprosium (Dy^{III})-Potassium (K^I)-Oxalate Framework: Magnetic Switchability with High Anisotropic Barrier and Solvent Sensing. Chemistry of Materials, 2013, 25, 1673-1679.	3.2	107
714	Synthesis, Ab Initio X-ray Powder Diffraction Crystal Structure, and Magnetic Properties of Mn₃(OH)₂(C₆H₂O₄S)₂ Metalâ€“Organic Framework. Inorganic Chemistry, 2013, 52, 608-616.	1.9	12
715	Structural and fluorescent regulation of Cd(ii) coordination polymers with homoterephthalate by N-donor second ligands. CrystEngComm, 2013, 15, 2428.	1.3	45
716	Metalâ€“organic frameworks as platforms for clean energy. Energy and Environmental Science, 2013, 6, 1656.	15.6	858
717	The construction of Cu(i)/Cu(ii) coordination polymers based on pyrazineâ€“carboxylate: Structural diversity tuned by in situ hydrolysis reaction. CrystEngComm, 2013, 15, 5359.	1.3	26
718	Polynuclear Complexes with Alkoxo and Phenoxo Bridges from In Situ Generated Hydroxyâ€Rich Schiff Base Ligands: Syntheses, Structures, and Magnetic Properties. Chemistry - A European Journal, 2013, 19, 9961-9972.	1.7	52
719	Syntheses, Structures, and Properties of Copper(II), Cobalt(II), and Cadmium(II) Complexes with Flexible Multicarboxylate Ligand. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 967-973.	0.6	1
720	Decametallic Co^{II}â€Clusterâ€Based Microporous Magnetic Framework with a Semirigid Multicoordinating Ligand. Chemistry - A European Journal, 2013, 19, 5097-5103.	1.7	26
721	Selective CO2 adsorption and proton conductivity in the two-dimensional Zn(ii) framework with protruded water molecules and flexible ether linkers. Dalton Transactions, 2013, 42, 7850.	1.6	17
722	Tracking the Formation of a Polynuclear Co₁₆ Complex and Its Elimination and Substitution Reactions by Mass Spectroscopy and Crystallography. Journal of the American Chemical Society, 2013, 135, 7901-7908.	6.6	162
723	Synthesis, characterization and crystal structure of one Mn(II) complex with 4,4â€²-bisimidazolylbiphenyl and 4,4â€²-sulfonyldibenzoic acid. Inorganic Chemistry Communication, 2013, 34, 34-36.	1.8	7
724	Two high-connected metalâ€“organic frameworks based on d10-metal clusters: syntheses, structural topologies and luminescent properties. Dalton Transactions, 2013, 42, 8183.	1.6	32
725	A chiral 2pâ€“3d heterometallic azido complex with 2,6-pyridinedicarboxylate as the co-ligand showing magnetic order. Dalton Transactions, 2013, 42, 8201.	1.6	19
726	Co(ii) and Ni(ii) complexes based on anthraquinone-1,4,5,8-tetracarboxylic acid (H4AQTC): canted antiferromagnetism and slow magnetization relaxation in {[Co2(AQTC)(H2O)6]Â·6H2O}. Dalton Transactions, 2013, 42, 8241.	1.6	13
727	Enlarging an Isoreticular Family: 3,3â€²,5,5â€²-Tetramethyl-4,4â€²-bipyrazolato-Based Porous Coordination Polymers. Crystal Growth and Design, 2013, 13, 3087-3097.	1.4	38
728	Tuning the Subunits and Topologies in Cluster-Based Cobaltâ€“Organic Frameworks by Varying the Reaction Conditions. Crystal Growth and Design, 2013, 13, 2858-2865.	1.4	35
729	Tuning the Structure and Magnetism of Heterometallic Sodium(1+)â€“Cobalt(2+) Formate Coordination Polymers by Varying the Metal Ratio and Solvents. Inorganic Chemistry, 2013, 52, 2862-2869.	1.9	60
730	Rapid synthesis of nanoscale terbium-based metalâ€“organic frameworks by a combined ultrasound-vapour phase diffusion method for highly selective sensing of picric acid. Journal of Materials Chemistry A, 2013, 1, 8745.	5.2	182

#	Article	IF	Citations
731	Rigid and flexible ligands pillared manganese(II) complexes with 1,2,3-triazole-4,5-dicarboxylate constructed KagomÃ© layer. Inorganic Chemistry Communication, 2013, 29, 187-189.	1.8	2
732	Construction of four coordination polymers with helical character based on a flexible bis(triazole) derivative and dicarboxylate coligands. Inorganica Chimica Acta, 2013, 405, 318-325.	1.2	8
733	Structural Diversity of Mn(II) Complexes with Acetylene Dicarboxylate and Hexadentate Ancillary Ligands under Ambient Conditions: Effect of Methylene Chain Length on Coordination Architectures. Crystal Growth and Design, 2013, 13, 3116-3125.	1.4	24
734	Three PbII coordination polymers based on 2-(pyridin-2-yl)-1H-imidazole-4,5-dicarboxylic acid: Syntheses, crystal structures, and fluorescent properties. Journal of Solid State Chemistry, 2013, 204, 314-320.	1.4	10
735	The effect of earth metal ion on the property of peptide-based metalâ€“organic frameworks. CrystEngComm, 2013, 15, 5545.	1.3	12
736	A cobalt-based 3D porous framework with excellent catalytic ability for the selective oxidation of cis-cyclooctene. Dalton Transactions, 2013, 42, 9423.	1.6	17
737	Diverse manganese(ii) coordination polymers derived from achiral/chiral imidazolium-carboxylate zwitterions and azide: structure and magnetic properties. Dalton Transactions, 2013, 42, 10000.	1.6	36
738	Structure Versatility of Coordination Polymers Constructed from a Semirigid Tetracarboxylate Ligand: Syntheses, Structures, and Photoluminescent Properties. Crystal Growth and Design, 2013, 13, 255-263.	1.4	65
739	Medical Applications of Solid Nitrosyl Complexes. Structure and Bonding, 2013, , 225-256.	1.0	4
740	Microwave and traditional solvothermal syntheses, crystal structures, mass spectrometry and magnetic properties of CoII4O4 cubes. Dalton Transactions, 2013, 42, 5439.	1.6	30
741	Lanthanide metal-organic frameworks based on a thiophenedicarboxylate linker: Characterization and luminescence. Solid State Sciences, 2013, 15, 36-41.	1.5	16
742	CHAPTER 7. Strategies for Creating Active Sites in MOFs. RSC Catalysis Series, 0, , 237-267.	0.1	5
743	Effect of lanthanide contraction on crystal structures of Ln(iii) coordination polymers with dinuclear SBUs based on 3-(4-hydroxypyridinium-1-yl) phthalic acid and oxalic acid. CrystEngComm, 2013, 15, 5910.	1.3	24
744	Co₅/Co₈â€“Cluster-Based Coordination Polymers Showing High-Connected Self-Penetrating Networks: Syntheses, Crystal Structures, and Magnetic Properties. Inorganic Chemistry, 2013, 52, 8091-8098.	1.9	212
745	Synthesis, Magnetism, and Thermostability of a Series of Twoâ€Dimensional Lanthanideâ€“Nickel Heterometallic Coordination Polymers. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 817-820.	0.6	3
746	Magnetic porous carbons with high adsorption capacity synthesized by a microwave-enhanced high temperature ionothermal method from a Fe-based metal-organic framework. Carbon, 2013, 59, 372-382.	5.4	123
747	Construction of Six Coordination Polymers Based on a 5,5â€²-(1,2-Ethynyl)bis-1,3-benzenedicarboxylic Ligand: Synthesis, Structure, Gas Sorption, and Magnetic Properties. Crystal Growth and Design, 2013, 13, 1033-1044.	1.4	58
748	From anion complexes to anion coordination polymers (ACPs): assembly with a 1,5-naphthylene bridged bis-bisurea ligand. CrystEngComm, 2013, 15, 4540.	1.3	12

#	Article	IF	Citations
749	Superprotonic Conductivity in a Highly Oriented Crystalline Metalâ€“Organic Framework Nanofilm. Journal of the American Chemical Society, 2013, 135, 7438-7441.	6.6	300
750	Mellitate-based coordination polymers with a recurring motif: controlling dimensionality with secondary ligands. CrystEngComm, 2013, 15, 5107.	1.3	11
751	Synthesis, structure, and magnetic properties of manganeseâ€“organic frameworks of 2-methyl-4,4â€²-biphenyldicarboxylate with different auxiliary ligands. Journal of Molecular Structure, 2013, 1040, 25-32.	1.8	11
752	A series of novel zinc(ii) entangled coordination polymers based on carboxyphenyl-terpyridine ligands. Dalton Transactions, 2013, 42, 9954.	1.6	76
753	Six New 2D or 3D Metalâ€“Organic Frameworks Based on Bithiophene-Containing Ligand and Dicarboxylates: Syntheses, Structures, and Properties. Crystal Growth and Design, 2013, 13, 3078-3086.	1.4	51
754	Unprecedented 1D alternate Co5 chain and discrete Co3 unit embedded in a 3D framework exhibiting slow magnetic relaxation behaviour. CrystEngComm, 2013, 15, 5205.	1.3	16
755	Structural Diversity of Copper(II) Coordination Polymers Based on Tosylated Isophthalic Ligands. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 1815-1820.	0.6	1
756	Zeolitic imidazolate framework as efficient heterogeneous catalyst for the synthesis of ethyl methyl carbonate. Journal of Molecular Catalysis A, 2013, 366, 43-47.	4.8	55
757	Two sodium and lanthanide(III) MOFs based on oxalate and V-shaped 4,4â€²-oxybis(benzoate) ligands: Hydrothermal synthesis, crystal structure, and luminescence properties. Journal of Molecular Structure, 2013, 1032, 93-99.	1.8	20
758	The first Ni(II) complexes of 5-nitroorotate ligand with the tridentate and bidentate coordination modes. Crystal and molecular structures, vibrational spectra and magnetic properties. Polyhedron, 2013, 49, 259-268.	1.0	16
759	Syntheses, structures and magnetic properties of three Co(II) coordination architectures based on a flexible multidentate carboxylate ligand and different N-donor ligands. Science China Chemistry, 2013, 56, 1693-1700.	4.2	9
760	Hydrothermal syntheses, crystal structures and luminescence properties of zinc(II) and cadmium(II) coordination polymers based on bifunctional 3,2â€²:6â€²,3â€²â€²-terpyridine-4â€²-carboxylic acid. Journal of Solid State Chemistry, 2013, 198, 416-423.	1.4	17
761	A series of 2D metalâ€“quinolone complexes: Syntheses, structures, and physical properties. Journal of Solid State Chemistry, 2013, 198, 279-288.	1.4	24
762	Bismuth Triâ€•and Tetraarylcarboxylates: Crystal Structures, In Situ Xâ€•ray Diffraction, Intermediates and Luminescence. Chemistry - A European Journal, 2013, 19, 12537-12546.	1.7	70
763	Switchable Magnetism: Neutron Diffraction Studies of the Desolvated Coordination Polymer Co₃(OH)₂(C₄O₄)₂. Inorganic Chemistry, 2013, 52, 13462-13468.	1.9	18
764	Synthesis and properties of four coordination polymers built from a semi-rigid tripod carboxylic acid. CrystEngComm, 2013, 15, 8989.	1.3	26
765	Synthesis and Crystal Structure of a Novel Ho(III) Coordination Polymer with Oxalic Acid. Advanced Materials Research, 0, 873, 697-700.	0.3	1
766	(4,6-Dimethyl-2-sulfanylidenepyrimidin-1-ium) trichlorido(thiourea-ÎºS)zinc(II). Acta Crystallographica Section C: Crystal Structure Communications, 2013, 69, 384-387.	0.4	0

#	Article	IF	Citations
767	A one-dimensional cadmium metalâ€“organic chain based on a [Cd4(COO)4] secondary building unit and a flexible dicarboxylic acid ligand. Acta Crystallographica Section C: Crystal Structure Communications, 2013, 69, 1147-1151.	0.4	0
768	Solvothermal Synthesis, Structure, Fluorescence and Magnetism Properties of a Novel 3D Metal-Organic Framework Based on Tetranuclear Copper Secondary Building Units. Advanced Materials Research, 0, 834-836, 543-549.	0.3	1
769	3D Organization of Dysprosium Cubanes. European Journal of Inorganic Chemistry, 2013, 2013, 5879-5885.	1.0	29
770	Self-Assembly of Four Helical Metal-Organic Frameworks Based on 3-[4-(Carboxymethoxy)phenyl]propanoic Acid Ligands: Syntheses, Crystal Structures, and Properties. European Journal of Inorganic Chemistry, 2013, 2013, 4336-4344.	1.0	14
771	Hydrothermal Synthesis, Crystal Structure, and Luminescent Properties of Two Zinc(II) and Cadmium(II) 3D Metalâ€ÂOrganic Frameworks. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 826-831.	0.6	6
772	Four Coordination Polymers Containing 2, 6â€NaphthalenediÂcarboxylic Acid and 1, 10â€Phenanthroline: Synthesis, Structure, and Magnetic Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 626-632.	0.6	12
773	Metalâ€“Organic Frameworks: From Design to Materials. Structure and Bonding, 2013, , 1-26.	1.0	4
774	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î¼</mml:mi></mml:math>SR study of magnetic order in the organic quasi-one-dimensional ferromagnet F4BImNN. Physical Review B, 2013, 88, .	1.1	21
775	Crystal structure and magnetic properties of Co(II) coordination polymer with CsCl-like topology. Journal of Coordination Chemistry, 2013, 66, 937-945.	0.8	7
776	Flexibility of zeolitic imidazolate framework structures studied by neutron total scattering and the reverse Monte Carlo method. Journal of Physics Condensed Matter, 2013, 25, 395403.	0.7	28
777	Rung-defected ladder of azido-bridged Cu(ii) chains linked by [Cu(picolinate)2] units. Dalton Transactions, 2013, 42, 11571.	1.6	16
778	Two New Trinuclear M^{II} (M = Mn, Co) Complexes Based on 2,4â€Dichlorobenzoic Acid: Synthesis, Structures and Magnetic Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 784-787.	0.6	8
779	Recent Advances as Materials of Functional Metal-Organic Frameworks. Journal of Nanomaterials, 2013, 2013, 1-11.	1.5	17
780	Conversion of <scp>l</scp>-Cysteinato RhIII4ZnII4 Octanuclear to RhIII2AgI3 Pentanuclear Structure by AgI Ions. Bulletin of the Chemical Society of Japan, 2013, 86, 1450-1452.	2.0	9
781	Nanoporous Metalâ€“Organic Frameworks. , 2013, , 71-98.		1
782	Three New Coordination Compounds Based on 2â€Phenylâ€4â€quinolinecarboxylic Acid and Nitrogenous Neutral Ligands: Syntheses, Structural Features, and Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 1254-1260.	0.6	2
783	Enclosing the functional properties of pyrazolato-based coordination polymers within a structural frame: the role of laboratory X-ray powder diffraction. Powder Diffraction, 2013, 28, S106-S125.	0.4	3
784	A Mn(II) Coordination Polymer with Sulfate and trans-1,2-Bis(4- pyridyl)ethylene Bridges: Synthesis, Structure, Magnetic and Ferroelectric Properties. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2013, 68, 877-884.	0.3	4

#	Article	IF	Citations
785	Synthesis, Spectroscopy, and Magnetic Characterization of Copper(II) and Cobalt(II) Complexes with 2-Amino-5-bromopyridine as Ligand. ISRN Inorganic Chemistry, 2013, 2013, 1-7.	0.2	12
786	Perspective: Metal-organic frameworksâ€"Opportunities and challenges. APL Materials, 2014, 2, .	2.2	3
787	Environmentally-Friendly Designs and Syntheses of Metal-Organic Frameworks (MOFs). ACS Symposium Series, 2014, , 161-183.	0.5	12
788	Electric control of magnetism in a multiferroic metalâ€"organic framework. Physica Status Solidi - Rapid Research Letters, 2014, 8, 91-94.	1.2	49
789	SiW₁₁Fe@MILâ€101(Cr) Composite: A Novel and Versatile Electrocatalyst. ChemElectroChem, 2014, 1, 1293-1300.	1.7	15
790	Oneâ€Dimensional [Ni(O₂CR)₂(Nï£¿N)_x] Polymers: Structural, Magnetic, and Density Functional Theory Studies. ChemPlusChem, 2014, 79, 951-961.	1.3	4
791	Rational design and synthesis of a series of 3D lanthanide metalâ€"organic frameworks with different structures driven by reaction conditions. CrystEngComm, 2014, 16, 10181-10188.	1.3	10
792	Magnet Design by Integration of Layer and Chain Magnetic Systems in a Ï€â€Stacked Pillared Layer Framework. Angewandte Chemie - International Edition, 2015, 54, 569-573.	7.2	31
793	A three-dimensional porous metal-organic framework based on 9,9-dimethylfluorene-2,7-dicarboxylic acid (H2MFDA): {[Tb2(MFDA)3(DMF)2(H2O)3] Â· (H2O)3(DMF)6} n. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2014, 40, 837-841.	0.3	0
794	A series of divalent metal coordination polymers based on isomeric tetracarboxylic acids: synthesis, structures and magnetic properties. Dalton Transactions, 2014, 43, 17519-17527.	1.6	67
795	Substituent effect of R-phthalates (R = â€"CH 3 , â€"NO 2) on the construction of two novel 2D Cu II coordination polymers: Syntheses, crystal structures and magnetic properties. Inorganic Chemistry Communication, 2014, 48, 99-102.	1.8	1
796	Two Extended 5â€Methyltetrazolateâ€Based Magnetic Complexes: Synthesis, Structure, and Magnetic Properties. Zeitschrift Für Anorganische Und Allgemeine Chemie, 2014, 640, 201-207.	0.6	5
797	Design and Synthesis of Stable Cobalt-Based Weak Ferromagnetic Framework with Large Spin Canting Angle. Inorganic Chemistry, 2014, 53, 13042-13048.	1.9	17
798	Influence of the coligand in the magnetic properties of a series of copper(ii)â€"phenylmalonate complexes. CrystEngComm, 2014, 16, 8106-8118.	1.3	14
799	Synthesis, structural characterization and computational studies of layered metal phosphonates: [M(HO3Pâ€"C5H4Nâ€"PO3H)2(H2O)2]n[MII= Co, Zn, Cd]. RSC Advances, 2014, 4, 58858-58866.	1.7	6
801	Unusual Magnetic Behaviors and Electronic Configurations Driven by Diverse Co(II) or Mn(II) MOF Architectures. Inorganic Chemistry, 2014, 53, 12885-12895.	1.9	28
802	A Resistance-Switchable and Ferroelectric Metalâ€"Organic Framework. Journal of the American Chemical Society, 2014, 136, 17477-17483.	6.6	103
803	Experimental and Computational Studies of a Multiâ€Electron Donorâ€"Acceptor Ligand Containing the Thiazolo[5,4â€d]thiazole Core and its Incorporation into a Metalâ€"Organic Framework. Chemistry - A European Journal, 2014, 20, 17597-17605.	1.7	35

#	Article	IF	Citations
804	Structures and Magnetic Properties of Manganese(II) Compounds Based on Chains with Simultaneous Carboxylate and Pseudohalide Bridges. European Journal of Inorganic Chemistry, 2014, 2014, 3488-3498.	1.0	19
805	Cobalt(II)-Lanthanide(III) Heterometallic Metal-Organic Frameworks with Unique (6,6)-Connected Nia Topologies with 1H-1,2,3-Triazole-4,5-dicarboxylic Acid: Syntheses, Structures and Magnetic Properties. European Journal of Inorganic Chemistry, 2014, 2014, 407-412.	1.0	24
806	Synthesis, Water Adsorption, and Proton Conductivity of Solidâ€Solutionâ€Type Metalâ€“Organic Frameworks Al(OH)(bdcâ€“OH)_x(bdcâ€“NH₂)_{1â^'x}. Chemistry - an Asian Journal, 2014, 9, 1316-1320.	1.7	30
807	Assessments of Semilocal Density Functionals and Corrections for Carbon Dioxide Adsorption on Metalâ€“Organic Frameworks. ChemPhysChem, 2014, 15, 3157-3165.	1.0	11
808	Effect of Spacer Atoms in the Dicarboxylate Linkers on the Formation of Coordination Architecturesâ€”Molecular Rectangles vs 1D Coordination Polymers: Synthesis, Crystal Structures, Vapor/Gas Adsorption Studies, and Magnetic Properties. Crystal Growth and Design, 2014, 14, 6433-6444.	1.4	31
809	Designing Functional Metalâ€“Organic Frameworks by Imparting a Hexanuclear Copper-Based Secondary Building Unit Specific Properties: Structural Correlation With Magnetic and Photocatalytic Activity. Crystal Growth and Design, 2014, 14, 6391-6398.	1.4	87
810	Homochiral Cobalt Phosphonates Containing Î”â€Type Chains with a Tunable Interlayer Distance and a Fieldâ€Induced Phase Transition. Chemistry - A European Journal, 2014, 20, 17137-17142.	1.7	26
811	Synthesis, Crystal Structure, and Fluorescent Property of a New Two-Dimensional Zn(II) Coordination Polymer Based on Oxalic Acid and 1,4-Bis(imidazol-1-ylmethyl)-butane. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2014, 44, 765-770.	0.6	1
812	Structure and magnetism of a new 2-D trinuclear Mn(II) polymer. Journal of Coordination Chemistry, 2014, 67, 2271-2279.	0.8	0
813	Synthesis and Characterization of the Cerium(III) UVâ€Emitting 2Dâ€Coordination Polymer ²_{âˆž}[Ce₂Cl₆(4, 4â€²â€bipyridine)₄]Â·py. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 2847-2851.	0.6	15
814	Cobalt(<scp>ii</scp>)â€“pyrazineâ€“chloride coordination polymers: synthesis, reactivity and magnetic properties. CrystEngComm, 2014, 16, 10439-10444.	1.3	12
816	Stabilization of Co₃ â€“ Oxoclusters in a pcu Net: Synthesis, Structure, Solvent Exchange (Single Crystal to Single Crystal) and Magnetic Studies. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 2922-2930.	0.6	3
817	A new one-dimensional nickel metalâ€“organic framework:catena-poly[[[diaquabis(4-{[(1-phenyl-1H-tetrazol-5-yl)sulfanyl]methyl}benzoato-ÎºO)nickel(II)]-Î¼-4,4â€²-bipyridine-Îº2N:Nâ€² monohydrate]. Acta Crystallographica Section C, Structural Chemistry, 2014, 70, 267-271.	0.2	2
818	A one-dimensional silver(I) coordination polymer based on an asymmetric flexibleN-donor carboxylate ligand:catena-poly[(Î¼3-4-{[(1-phenyl-1H-tetrazol-5-yl)sulfanyl]methyl}benzoato-Îº3O:Oâ€²:N4)silver(I)]. Acta Crystallographica Section C, Structural Chemistry, 2014, 70, 292-296.	0.2	0
819	A twofold interpenetrating three-dimensional zincâ€“organic framework built from naphthalene-1,4-dicarboxylate and 4,4â€²-bipyridine ligands. Acta Crystallographica Section C, Structural Chemistry, 2014, 70, 498-501.	0.2	3
820	A symbol approach for classification of molecule-based magnetic materials exemplified by coordination polymers of metal carboxylates. Coordination Chemistry Reviews, 2014, 258-259, 1-15.	9.5	198
821	Metal-organodiphosphonate chemistry: Hydrothermal syntheses and structures of Zn(II) and Cd(II) coordination polymers with xylyldiphosphonate ligands. Inorganica Chimica Acta, 2014, 411, 172-187.	1.2	4
822	Structural and magnetic effects of mechanically grinding Co3(OH)2(C4O4)2Â·3H2O. Polyhedron, 2014, 79, 60-65.	1.0	3

#	Article	IF	Citations
823	Three new coordination polymers with tetranuclear cluster-based 3D framework and bent 1D ribbons generated from ternary copper(II)-triazole-citrate system: Synthesis, structure, and magnetism. Inorganica Chimica Acta, 2014, 415, 81-87.	1.2	6
824	Ligand configuration introduced into a 3D self-interpenetrated coordination polymer as visible-light-driven photocatalyst. Inorganic Chemistry Communication, 2014, 45, 1-4.	1.8	11
825	Three New Coordination Polymers Constructed from Mixed Ligands: Syntheses, Luminescence and Magnetism. Journal of Inorganic and Organometallic Polymers and Materials, 2014, 24, 542-550.	1.9	5
826	Manganese(III) tetrapyridylporphyrin-chloromethylated MIL-101 hybrid material: A highly active catalyst for oxidation of hydrocarbons. Applied Catalysis A: General, 2014, 477, 34-41.	2.2	47
827	Metalâ€“organic framework composites. Chemical Society Reviews, 2014, 43, 5468-5512.	18.7	1,901
828	Synthesis, crystal structure and water-induced reversible crystal-to-amorphous transformation property of [Co2(2,4-pydc)2(bpa)(H2O)6](H2O)2. Inorganic Chemistry Communication, 2014, 40, 59-61.	1.8	14
829	Lanthanide metal-organic frameworks for luminescent sensing and light-emitting applications. Coordination Chemistry Reviews, 2014, 273-274, 76-86.	9.5	937
830	Assembly of Co(ii)/Cu(ii)â€“azido polynuclear polymers: structural diversity and magnetic behavior. CrystEngComm, 2014, 16, 2009.	1.3	12
831	A series of interdigitated Cd(ii) coordination polymers based on 4,6-dibenzoylisophthalic acid and flexible triazole ligands. RSC Advances, 2014, 4, 15816-15819.	1.7	13
832	Interpenetrated Metalâ€“Organic Frameworks with [Ag(CN)2]â^' Bridging Ligand: Synthesis, Structural Characterization and Magnetic Study. Proceedings of the National Academy of Sciences India Section A - Physical Sciences, 2014, 84, 243-249.	0.8	0
833	Construction of Two One-Dimensional Coordination Polymers by 5-Chlorosalicylic Acid Plus N-Donor Ligand: Synthesis, Structure and Catalytic Properties. Journal of Inorganic and Organometallic Polymers and Materials, 2014, 24, 476-484.	1.9	3
834	Synthesis, Crystal Structure, and Properties of a 3D Cu(I) Coordination Polymer Based on Cu3(CN)2 Clusters and 1,3-Di-(1,2,4-Triazole-4-yl)Benzene. Journal of Cluster Science, 2014, 25, 1137-1145.	1.7	10
835	MOF catalysis in relation to their homogeneous counterparts and conventional solid catalysts. Chemical Science, 2014, 5, 2979.	3.7	298
836	Hysteretic Spin Crossover above Room Temperature and Magnetic Coupling in Trinuclear Transitionâ€Metal Complexes with Anionic 1,2,4â€Triazole Ligands. Chemistry - A European Journal, 2014, 20, 5369-5379.	1.7	37
837	An unprecedented high nuclearity catecholato-based Ti(<scp>iv</scp>)-architecture bearing labile pyridine ligands. Dalton Transactions, 2014, 43, 3416-3419.	1.6	18
838	Zinc(II) and cadmium(II) complexes with mixed 1,3-di(1H-imidazol-4-yl)benzene and cyclohexanedicarboxylate ligands: Synthesis, structure and property. Polyhedron, 2014, 67, 253-263.	1.0	17
839	Nanoporous Cobalt(II) MOF Exhibiting Four Magnetic Ground States and Changes in Gas Sorption upon Post-Synthetic Modification. Journal of the American Chemical Society, 2014, 136, 4680-4688.	6.6	387
840	Bimetallic thiocyanate bridged Co(II)â€“Hg(II) polymers with pyrazole and imidazole ligands. Polyhedron, 2014, 73, 81-86.	1.0	10

#	Article	IF	Citations
841	Lanthanide-based metalâ€“peptide frameworks prepared by ionothermal method: Anion direct effect, DFT calculation and luminescence property. Inorganic Chemistry Communication, 2014, 42, 29-32.	1.8	2
842	Influence of the counter anion and steric hindrance of pyrazolyl and imidazolyl flexible ligands on the structure of zinc-based coordination polymers. Inorganica Chimica Acta, 2014, 414, 217-225.	1.2	21
843	Syntheses, crystal structures, and antibacterial activities of helical M(II) phenyl substituted pyrazole carboxylate complexes. Journal of Coordination Chemistry, 2014, 67, 572-587.	0.8	9
844	MOFs as proton conductors â€“ challenges and opportunities. Chemical Society Reviews, 2014, 43, 5913-5932.	18.7	1,183
845	Adsorption and separation of CO2 on Fe(II)-MOF-74: Effect of the open metal coordination site. Journal of Solid State Chemistry, 2014, 213, 224-228.	1.4	36
846	A new 3D Co(II)â€“organic framework with acylamide-containing tetracarboxylate ligand: Solvothermal synthesis, crystal structure, gas adsorption and magnetic property. Journal of Solid State Chemistry, 2014, 212, 141-146.	1.4	3
847	Control of Crystalline Proton-Conducting Pathways by Water-Induced Transformations of Hydrogen-Bonding Networks in a Metalâ€“Organic Framework. Journal of the American Chemical Society, 2014, 136, 7701-7707.	6.6	226
848	Redox-Active Porous Coordination Polymers Prepared by Trinuclear Heterometallic Pivalate Linking with the Redox-Active Nickel(II) Complex: Synthesis, Structure, Magnetic and Redox Properties, and Electrocatalytic Activity in Organic Compound Dehalogenation in Heterogeneous Medium. Inorganic Chemistry, 2014, 53, 4970-4979.	1.9	22
849	Three-dimensional lanthanide metalâ€“organic frameworks with the fluorene-based carboxylate ligands: Syntheses, structures, and properties. Inorganica Chimica Acta, 2014, 413, 38-44.	1.2	10
850	Six d10 metal complexes containing multidentate dicyanoisophorone-triazolyl derivative: Structures and luminescent properties. Journal of Molecular Structure, 2014, 1068, 182-188.	1.8	4
851	Chiral 3D Openâ€Framework Material Ni(Dâ€camp)(H₂O)₂ Used as GC Stationary Phase. Chirality, 2014, 26, 27-32.	1.3	38
852	Oxamato-based coordination polymers: recent advances in multifunctional magnetic materials. Chemical Communications, 2014, 50, 7569-7585.	2.2	103
853	A lanthanum chelate possessing an open-channel framework with water nanotubes: properties and desalination. Dalton Transactions, 2014, 43, 6026.	1.6	15
854	Imidazo[1,2-a]pyridin-2-ylacetic acid and two pairs of isomorphous ML2(H2O)2 dihydrates (M=Ni, Co and) Tj ETQq1 1 0.784314 rgBT /O	1.0	7
855	Different dimensional coordination polymers with 4,4×3-oxybis(benzoate): Syntheses, structures and properties. Journal of Solid State Chemistry, 2014, 215, 277-283.	1.4	16
856	Benzene-induced hydro(solvo)thermal synthesis of Cu2+ and Zn2+ coordination polymers based on 1,3-benzenedicarboxylate. Materials Chemistry and Physics, 2014, 143, 1522-1527.	2.0	8
857	Synthesis, Crystal Structure, and Magnetic Characterization of the Three-Dimensional Compound [Co₂(cbut)(H₂O)₃]_n (H₄cbut =) Tj ETQq0 1 0 rgBT /Overlock 1	1.9	13
858	Crystalline metal-organic frameworks (MOFs): synthesis, structure and function. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2014, 70, 3-10.	0.5	246

#	Article	IF	Citations
859	From Molecular Magnets to Magnetic Nanomaterials â€“ Deposition of Co₇ Singleâ€Molecule Magnet; Theoretical Investigation of the Exchange Interactions. European Journal of Inorganic Chemistry, 2014, 2014, 2678-2686.	1.0	9
860	Mixed-ligand complexes of Ca(II), Ba(II), Mn(II) and Pd(II) with 1,10-phenanthroline and 5-chloro thiophene 2-carboxylic acid ligands: Role of hybrid carboxylateâ€“water clusters and ligands of crystallisation in building up of supramolecular architectures. Inorganica Chimica Acta, 2014, 414, 170-180.	1.2	9
861	Three transition metal complexes constructed from a rigid 2,2â€²-bipyridine-3,3â€²,6,6â€²-tetracarboxylic acid ligand: Syntheses, structures and their fluorescence properties. Inorganica Chimica Acta, 2014, 416, 102-108.	1.2	4
862	Construction of Bis-pyrazole Based Co(II) Metalâ€“Organic Frameworks and Exploration of Their Chirality and Magnetic Properties. Crystal Growth and Design, 2014, 14, 2853-2865.	1.4	32
863	Metal Organic Framework Catalysis: Quo vadis?. ACS Catalysis, 2014, 4, 361-378.	5.5	859
864	Modification of coordination networks through a photoinduced charge transfer process. Chemical Science, 2014, 5, 539-544.	3.7	28
865	A porous sodalite-type MOF based on tetrazolcarboxylate ligands and [Cu₄Cl]⁷⁺squares with open metal sites for gas sorption. Dalton Transactions, 2014, 43, 2365-2368.	1.6	28
866	Trinuclear Cu(II) capsules self-assembled by nitrilotripropionate. Inorganica Chimica Acta, 2014, 417, 192-200.	1.2	5
867	Metallo-Supramolecular Structures by Self-Assembly through Weak Interactions in Mixed Ligand Metal Complexes of Adenine and Malonate. Crystal Growth and Design, 2014, 14, 249-260.	1.4	23
868	A flexible multidentate Schiff-base ligand having multifarious coordination modes in its copper(II) and cadmium(II) complexes. Polyhedron, 2014, 67, 314-320.	1.0	17
869	A europium(<scp>iii</scp>) based metalâ€“organic framework: bifunctional properties related to sensing and electronic conductivity. Journal of Materials Chemistry A, 2014, 2, 237-244.	5.2	149
870	A pyridylâ€“carboxylate type linking ligand containing an intervening amide group and its cadmium and nickel coordination polymers: (3-py)â€“C(O)NHâ€“C6H4â€“CH2â€“COOH (HL), {[CdL2](H2O)}â^ž, and {[NiL2(H2O)2](H2O)}â^ž. Polyhedron, 2014, 69, 197-204.	1.0	5
871	Two luminescent metalâ€“organic frameworks for the sensing of nitroaromatic explosives and DNA strands. Journal of Materials Chemistry A, 2014, 2, 2213-2220.	5.2	247
872	Extension of the Universal Force Field to Metalâ€“Organic Frameworks. Journal of Chemical Theory and Computation, 2014, 10, 880-891.	2.3	200
873	Homo- and heterometallic luminescent 2-D stilbene metalâ€“organic frameworks. Dalton Transactions, 2014, 43, 2925-2935.	1.6	28
874	Design and Synthesis of Hydroxide Ionâ€“Conductive Metalâ€“Organic Frameworks Based on Salt Inclusion. Journal of the American Chemical Society, 2014, 136, 1702-1705.	6.6	124
875	Influential Role of Geometrical Disparity of Linker and Metal Ionic Radii in Elucidating the Structural Diversity of Coordination Polymers Based on Angular Dicarboxylate and Bis-pyridyl Ligands. Crystal Growth and Design, 2014, 14, 278-289.	1.4	48
876	Structural diversity in serine derived homochiral metal organic frameworks. Journal of Chemical Sciences, 2014, 126, 1399-1408.	0.7	5

#	Article	IF	Citations
877	Two 3D Coordination Frameworks Based on Benzobisimidazole Linkers Generated under Similar Conditions: Synthesis, Structures and Thermal Properties. European Journal of Inorganic Chemistry, 2014, 2014, 5362-5369.	1.0	3
878	Hierarchical cobalt-formate framework series with (412â‹...63)(49â‹...66)n (n = 1â€“3) topologies exhibiting slow dielectric relaxation and weak ferromagnetism. APL Materials, 2014, 2, .	2.2	35
879	Structural and Magnetic Diversity Based on Different Imidazolate Linkers in Cu(II)-Azido Coordination Compounds. Inorganic Chemistry, 2014, 53, 11991-12001.	1.9	13
880	3D/3D Hetero-Interpenetrating Diamondoid Framework and Homo-InterpenetratingpcuNetwork by a One-Pot Reaction. European Journal of Inorganic Chemistry, 2014, 2014, 2481-2485.	1.0	6
881	Effect of Polycarboxylate Coligands from Linear to Vâ€shaped Cu^{II} Coordination Polymers Based on a Rigid Tripodal Ligand. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 2247-2254.	0.6	3
882	Metalâ€“organic framework thin films with well-controlled growth directions confirmed by x-ray study. APL Materials, 2014, 2, .	2.2	38
883	1,2,4,5-Benzenetetrasulfonic acid and 1,4-benzenedisulfonic acid as sulfo analogues of pyromellitic and terephthalic acids for building coordination polymers of manganese. CrystEngComm, 2014, 16, 11064-11077.	1.3	6
884	Synthetic-Method-Dependent Magnetic Relaxation in a Cobalt(II) Phosphonate Chain Compound. Inorganic Chemistry, 2014, 53, 12546-12552.	1.9	21
885	Synthesis, structures, sorption and magnetic properties of coordination polymers based on 3d metal pivalates and polydentate pyridine-type ligands. Russian Chemical Bulletin, 2014, 63, 252-266.	0.4	9
886	Two Homochiral Bimetallic Metalâ€“Organic Frameworks Composed of a Paramagnetic Metalloligand and Chiral Camphorates: Multifunctional Properties of Sorption, Magnetism, and Enantioselective Separation. Crystal Growth and Design, 2014, 14, 6472-6477.	1.4	39
887	The various architectures and properties of a series of coordination polymers tuned by the central metals and auxiliary N-donor ligands. CrystEngComm, 2014, 16, 11088-11095.	1.3	17
888	Two novel 3D lanthanide supramolecular coordination polymers constructed from paddle wheel SBUs and hydrogen bonding: synthesis, structures and properties. RSC Advances, 2014, 4, 30963-30967.	1.7	13
889	Structural diversity of four new metalâ€“organic frameworks with a curved tetracarboxdiimide dicarboxylic acid. CrystEngComm, 2014, 16, 834-841.	1.3	22
890	Multifunctional MOFs through CO₂fixation: a metamagnetic kagome lattice with uniaxial zero thermal expansion and reversible guest sorption. Dalton Transactions, 2014, 43, 14766-14771.	1.6	21
891	The photoluminescence and gas sorption properties of three Cd(ii) MOFs based on 1,3,5-benzenetribenzoate with â€“NH2 or â€“OH groups. Dalton Transactions, 2014, 43, 4668.	1.6	43
892	Multifunctional micro- and nanosized metalâ€“organic frameworks assembled from bisphosphonates and lanthanides. Journal of Materials Chemistry C, 2014, 2, 3311.	2.7	44
893	Tuning the formation of dicarboxylate linker-assisted supramolecular 1D chains and squares of Ni(<scp>ii</scp>) using coordination and hydrogen bonds. CrystEngComm, 2014, 16, 5705-5715.	1.3	14
894	Microporous metalâ€“organic layer built from pentanuclear tetrahedral units: gas sorption and magnetism. New Journal of Chemistry, 2014, 38, 5272-5275.	1.4	7

#	Article	IF	Citations
895	Coordination polymers built with transition metal sulphates and angular 2,5-bis(imidazol-1-yl)thiophene (thim₂): synthesis, structure and photoluminescent properties. CrystEngComm, 2014, 16, 6203-6212.	1.3	9
896	Non-hydrothermal synthesis, structural characterization and thermochemistry of water soluble and neutral coordination polymers of Zn(<scp>ii</scp>) and Cd(<scp>ii</scp>): precursors for the submicron-sized crystalline ZnO/CdO. RSC Advances, 2014, 4, 39204-39213.	1.7	26
897	Solvent-induced structural diversities from discrete cup-shaped Co₈clusters to Co₈cluster-based chains accompanied by in situ ligand conversion. CrystEngComm, 2014, 16, 753-756.	1.3	33
898	Metalâ€“organic frameworks based on the [1,1â€²:3â€²,1â€²â€²-terphenyl]-3,3â€²â€²,5,5â€²â€²-tetracarboxylic acid ligand: syntheses, structures and magnetic properties. Dalton Transactions, 2014, 43, 15475-15481.	1.6	22
899	Coordination assemblies of the M^{II}-tm/bpt (M = Zn/Cd/Co/Ni) mixed-ligand system: positional isomeric effect, structural diversification and properties. RSC Advances, 2014, 4, 43641-43652.	1.7	9
900	Bilayer architecture based on hexanuclear heterometal cluster units. CrystEngComm, 2014, 16, 6790-6796.	1.3	5
901	A family of three magnetic metal organic frameworks: their synthesis, structural, magnetic and vapour adsorption study. CrystEngComm, 2014, 16, 4742-4752.	1.3	20
902	Five diverse bivalent metal coordination polymers based on benzene dicarboxylate and bent dipyridyl ligands: syntheses, structures, and photoluminescent properties. CrystEngComm, 2014, 16, 8896-8909.	1.3	39
903	A perception of ferro- and antiferromagnetic interactions in a two dimensional Ni(<scp>ii</scp>) heterochiral coordination polymer showing unusual CO₂ uptake behavior. Dalton Transactions, 2014, 43, 16996-16999.	1.6	6
904	An unprecedented CoIIcuboctahedron as the secondary building unit in a Co-based metalâ€“organic framework. Chemical Communications, 2014, 50, 5333-5335.	2.2	41
905	Multifarious zinc coordination polymers based on biphenyl-3,3â€²,5,5â€²-tetracarboxylate and different flexibility of N-donor ligands. RSC Advances, 2014, 4, 32391.	1.7	23
906	Tuning of net architectures of Ni(<scp>ii</scp>) and Zn(<scp>ii</scp>) coordination polymers using isomeric organic linkers. CrystEngComm, 2014, 16, 8874-8884.	1.3	16
907	Synthesis, structure, topology and magnetic properties of new coordination polymers based on 5(â€“Br/â€“COOH)-substituted nicotinic acid. CrystEngComm, 2014, 16, 5244-5256.	1.3	25
908	Syntheses, structures, and photoluminescent properties of a series of metalâ€“organic frameworks constructed by 5,5â€²-bis(1H-imidazol-1-yl)-2,2â€²-bithiophene and various carboxylate ligands. CrystEngComm, 2014, 16, 900-909.	1.3	21
909	Synthesis of metalâ€“organic frameworks by continuous flow. Green Chemistry, 2014, 16, 3796-3802.	4.6	137
910	A series of lanthanideâ€“organic frameworks possessing arrays of 2D intersecting channels within a 3D pillar-supported packed double-decker network and Co²⁺-induced luminescence modulation. CrystEngComm, 2014, 16, 8852-8862.	1.3	13
911	A 3D Porous Metal Organic Framework Based on Infinite 1D Nickel(II) Chains with Rutile Topology Displaying Open Metal Sites. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 2123-2131.	0.6	9
912	Cobalt adipate, Co(C₆H₈O₄): antiferromagnetic structure, unusual thermal expansion and magnetoelastic coupling. Materials Horizons, 2014, 1, 332-337.	6.4	21

#	Article	IF	Citations
913	Polar metal phosphonate containing unusual Î¼4-OH bridged double chains showing canted antiferromagnetism with large coercivity. Chemical Communications, 2014, 50, 3979.	2.2	37
914	An alternative strategy to construct Fe(<scp>ii</scp>)-based MOFs with multifarious structures and magnetic behaviors. CrystEngComm, 2014, 16, 9208-9215.	1.3	31
915	Ligand design for long-range magnetic order in metalâ€“organic frameworks. Chemical Communications, 2014, 50, 13990-13993.	2.2	52
916	Construction and properties of cobalt(<scp>ii</scp>)/copper(<scp>ii</scp>) coordination polymers based on N-donor ligands and polycarboxylates mixed ligands. RSC Advances, 2014, 4, 62430-62445.	1.7	78
917	Novel photofunctional hybrid materials (alumina and titania) functionalized with both MOF and lanthanide complexes through coordination bonds. RSC Advances, 2014, 4, 38761-38768.	1.7	12
918	Recent advances on porous homochiral coordination polymers containing amino acid synthons. CrystEngComm, 2014, 16, 4907-4918.	1.3	51
919	Transition metal phosphite complexes: from one-dimensional chain, two-dimensional sheet, to three-dimensional architecture with unusual magnetic properties. CrystEngComm, 2014, 16, 1071-1078.	1.3	11
920	Zn-doped Ni-MOF material with a high supercapacitive performance. Journal of Materials Chemistry A, 2014, 2, 19005-19010.	5.2	395
921	Two porous Co(ii) bithiophenedicarboxylate metalâ€“organic frameworks: from a self-interpenetrating framework to a two-fold interpenetrating Î±-Po topological network. RSC Advances, 2014, 4, 5740.	1.7	8
922	An unusual water-bridged homospin CoII single-chain magnet. Chemical Communications, 2014, 50, 6340-6342.	2.2	42
923	Effect of phenylacetic acid coligands on the structures and magnetic properties of azido-bridged copper(<scp>ii</scp>)-chain compounds. CrystEngComm, 2014, 16, 4194-4201.	1.3	13
924	Two coordination polymers with enhanced ligand-centered luminescence and assembly imparted sensing ability for acetone. Journal of Materials Chemistry A, 2014, 2, 9469.	5.2	78
925	Well-defined carbon polyhedrons prepared from nano metalâ€“organic frameworks for oxygen reduction. Journal of Materials Chemistry A, 2014, 2, 11606-11613.	5.2	461
926	Temperature identification on two 3D Mn(ii) metalâ€“organic frameworks: syntheses, adsorption and magnetism. RSC Advances, 2014, 4, 20605.	1.7	19
927	Saddling up copper â€“ new twists on a metallo-wheel. Dalton Transactions, 2014, 43, 2352-2355.	1.6	6
928	A guest-dependent thermochromic feature in a metalâ€“organic framework and its thin film on different supports. Journal of Materials Chemistry A, 2014, 2, 13698-13704.	5.2	27
929	A family of 3D lanthanideâ€“organic frameworks constructed from parallelogram secondary building units: synthesis, structures and properties. CrystEngComm, 2014, 16, 1777.	1.3	14
930	Synthesis and catalytic application of PVP-coated Ru nanoparticles embedded in a porous metalâ€“organic framework. Dalton Transactions, 2014, 43, 11295-11298.	1.6	21

#	Article	IF	Citations
931	Three metalâ€“organic frameworks based on the semirigid V-shaped 5-(3-amino-tetrazole-5-phenoxy)-isophthalic acid ligand: syntheses, topological structures and properties. CrystEngComm, 2014, 16, 4382.	1.3	24
932	Metalâ€“organic coordination polymers of Tb_{2â^'x}Eu_x(BDC)₃(H₂O)_nwith tunable fluorescence and smart response toward aldehydes (0 â‰¤ x â‰¤ 2, BDC = 1,4-benzenedicarboxylate). RSC Advances, 2014, 4, 2573-2576.	1.7	16
933	From 1D zigzag chains to 3D chiral frameworks: synthesis and properties of praseodymium(<scp>iii</scp>) and neodymium(<scp>iii</scp>) coordination polymers. RSC Advances, 2014, 4, 40643-40650.	1.7	25
934	Coligand-directed synthesis of five Co(<scp>ii</scp>)/Ni(<scp>ii</scp>) coordination polymers with a neutral tetradentate ligand: syntheses, crystal structures, and properties. Dalton Transactions, 2014, 43, 12528-12535.	1.6	22
935	Effects of substituent groups on the structures and luminescence properties of 2D/3D Cd^{II} complexes with mixed rigid and flexible carboxylate ligands. RSC Advances, 2014, 4, 24183-24188.	1.7	18
936	Four-connected metalâ€“organic frameworks constructed by tetracarboxylate acid-based ligands. Inorganic Chemistry Frontiers, 2014, 1, 478.	3.0	13
937	Dehydration-triggered magnetic phase conversion in the porous Cu(ii)Mn(iii) metalâ€“organic framework. Dalton Transactions, 2014, 43, 6994.	1.6	3
938	Cd(ii) based metalâ€“organic framework behaving as a Schottky barrier diode. Chemical Communications, 2014, 50, 7858.	2.2	80
939	Experimental comparison of chiral metal-organic framework used as stationary phase in chromatography. Journal of Chromatography A, 2014, 1363, 137-143.	1.8	63
940	Solvent-Induced Syntheses, Crystal Structures, Magnetic Properties, and Single-Crystal-to-Single-Crystal Transformation of Azido-Cu(II) Coordination Polymers with 2-Naphthoic Acid as Co-ligand. Inorganic Chemistry, 2014, 53, 8088-8097.	1.9	54
941	Cadmium coordination polymers based on flexible bis(imidazole) ligands: A rare example for doublet of doublet cadmium polyhedron arrangements. Journal of Molecular Structure, 2014, 1075, 147-153.	1.8	5
942	Catalytic Performance of Vanadium MILâ€47 and Linkerâ€Substituted Variants in the Oxidation of Cyclohexene: A Combined Theoretical and Experimental Approach. ChemPlusChem, 2014, 79, 1183-1197.	1.3	20
943	A bilayer triangular lattice with crown-like Co₇ spin cluster SBUs exhibiting high spin frustration. Chemical Communications, 2014, 50, 8558-8560.	2.2	31
944	Syntheses, structures and magnetic properties of four coordination polymers based on nitrobenzene dicarboxylate and various N-donor coligands. Journal of Solid State Chemistry, 2014, 220, 1-8.	1.4	32
945	BrÃ¸nsted Instead of Lewis Acidity in Functionalized MIL-101Cr MOFs for Efficient Heterogeneous (nano-MOF) Catalysis in the Condensation Reaction of Aldehydes with Alcohols. Inorganic Chemistry, 2014, 53, 7319-7333.	1.9	151
946	Structural diversity and luminescence properties of coordination polymers based on mixed ligands, 2,5-bis(imidazol-1-yl)thiophene (thim₂) and aromatic multicarboxylates. CrystEngComm, 2014, 16, 7914-7925.	1.3	14
947	Spin-glass state in Ni 5 (OH) 6 (C n H 2nâ^'4 O 4) 2 metal-organic frameworks (n Â=Â6, 8, 10, 12). Solid State Sciences, 2014, 37, 154-163.	1.5	2
948	Syntheses, crystal structures, and optical properties of five metal complexes constructed from a V-shaped thiophene-containing ligand and different dicarboxylate ligands. Dalton Transactions, 2014, 43, 13250-13258.	1.6	15

#	Article	IF	Citations
949	Alkali Metal Ion Templated Transition Metal Formate Framework Materials: Synthesis, Crystal Structures, Ion Migration, and Magnetism. Inorganic Chemistry, 2014, 53, 10178-10188.	1.9	30
950	Syntheses, structures and luminescent properties of two new zinc coordination polymers based on 4â€²-(4-aminephenyl)-4,2â€²:6â€²,4â€³-terpyridine. Inorganic Chemistry Communication, 2014, 48, 26-29.	1.8	18
951	Stepwise Crystallization: Illustrative Examples of the Use of Metalloligands [Cu₆(mna)₆]^{6â€“} and [Ag₆(Hmna)₂(mna)₄]^{4â€“} (H₂mna = 2-Mercapto Nicotinic Acid) in the Formation of Heterometallic Two- and Three-Dimensional Assemblies with brucite, pcu, and sql Topologies. Crystal Growth and Design, 2014, 14, 4531-4544.	1.4	37
952	Interpenetrated (8,3)-c and (10,3)-b Metalâ€“Organic Frameworks Based on {Fe^{III}₃} and {Fe^{III}₂Co^{II}} Pivalate Spin Clusters. Crystal Growth and Design, 2014, 14, 4721-4728.	1.4	19
953	Intriguing Architectures Generated from 1,4-Bis(3- or 4-pyridyl)-2,3-diaza-1,3-butadiene with Aromatic Dicarboxylates: Syntheses, Crystal Structures, and Properties. Crystal Growth and Design, 2014, 14, 1175-1183.	1.4	47
954	2D Ln^{III}(Nd/La)â€Ag^I Heterometallic and Tm^{III} Homometallic Coordination Polymers Based on Pyridine Dicarboxylate ÂLigands. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 147-152.	0.6	3
955	Controllable Self-Assembly of Two Luminescent Silver(I) Metalâ€“Organic Frameworks Bearing a Tetradentate Ligand. Crystal Growth and Design, 2014, 14, 4674-4680.	1.4	17
956	Thiocyanate cadmium(II) complexes of 2,4,6-tri(2-pyridyl)-1,3,5-triazine â€“ Synthesis, structure and luminescence properties. Journal of Luminescence, 2014, 156, 240-254.	1.5	17
957	Two three-dimensional cadmium(<scp>ii</scp>) coordination polymers based on 5-amino-tetrazolate and 1,2,4,5-benzenetetracarboxylate: the pH value controlled syntheses, crystal structures and luminescent properties. CrystEngComm, 2014, 16, 4633-4640.	1.3	32
958	A set of alkali and alkaline-earth coordination polymers based on the ligand 2-(1H-benzotriazol-1-yl) acetic acid: Effects the radius of metal ions on structures and properties. Journal of Solid State Chemistry, 2014, 219, 55-66.	1.4	19
959	Tuning of Adsorption and Magnetic Properties in a Series of Self-Templated Isostructural Ni(II) Metalâ^'Organic Frameworks. Crystal Growth and Design, 2014, 14, 716-722.	1.4	7
960	Introduction of an Ionic Liquid into the Micropores of a Metalâ€“Organic Framework and Its Anomalous Phase Behavior. Angewandte Chemie - International Edition, 2014, 53, 11302-11305.	7.2	142
961	Two d10 Coordination Complexes Based on the Substitutional Aromatic Multicarboxylate and N-Donor Co-Ligands: Syntheses, Structures, and Properties. Molecular Crystals and Liquid Crystals, 2014, 592, 259-271.	0.4	0
962	Solid-State Electrochemistry of a Semiconducting MMX-Type Diplatinum Iodide Chain Complex. Inorganic Chemistry, 2014, 53, 4022-4028.	1.9	7
963	On the Nature of the Structural and Magnetic Phase Transitions in the Layered Perovskite-Like (CH₃NH₃)₂[Fe^{II}Cl₄]. Inorganic Chemistry, 2014, 53, 2068-2075.	1.9	54
964	Synthesis, Crystal Structures, Magnetic, and Thermal Properties of Divalent Metal Formateâ€“Formamide Layered Compounds.. Inorganic Chemistry, 2014, 53, 244-256.	1.9	13
965	Synthesis, Structure, and Thermal Stability of Silver(I) Coordination Polymers with Bis(pyridyl) Ligands Linked by an Aromatic Sulfonamide: One-Dimensional-Straight Chain, One-Dimensional-Columnar with Helical Components, and Two-Dimensional-Layer Network Structures. Crystal Growth and Design, 2014, 14, 199-206.	1.4	23
966	A chiral two-dimensional coordination polymer based on Cu II and (S) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 67 Td ()-4,4â€²-b magnetic and optical properties. Inorganica Chimica Acta, 2014, 421, 392-398.	1.2	28

#	Article	IF	Citations
967	A new Co-based metalâ€“organic framework constructed from infinite sinusoidal-like rod-shaped secondary building units. Inorganic Chemistry Communication, 2014, 47, 67-70.	1.8	4
968	Alkaline cation directed structural diversity of cubic-cage-based cobalt(ii) metalâ€“organic frameworks: from pcu to bct net. CrystEngComm, 2014, 16, 7133.	1.3	16
969	Manganese(II) coordination polymer with simultaneous azide, tetrazolate and carboxylate bridges: Synthesis, structure and magnetism. Inorganic Chemistry Communication, 2014, 47, 134-137.	1.8	16
970	Surfactant Media To Grow New Crystalline Cobalt 1,3,5-Benzenetricarboxylate Metalâ€“Organic Frameworks. Inorganic Chemistry, 2014, 53, 8529-8537.	1.9	140
971	Two-Dimensional {Co3+-Co2+} and {Fe3+-Co2+} Networks and Their Heterogeneous Catalytic Activities. European Journal of Inorganic Chemistry, 2014, 2014, 4966-4974.	1.0	23
972	Dynamic Layered Coordination Polymer: Adsorption and Separation of Aromatics and I₂ by Single Crystals. Crystal Growth and Design, 2014, 14, 3696-3699.	1.4	22
973	Solvent/Temperature and Dipyridyl Ligands Induced Diverse Coordination Polymers Based on 3-(2â€²,5â€²-Dicarboxylphenyl)pyridine. Crystal Growth and Design, 2014, 14, 1110-1127.	1.4	103
974	Photocatalytic organic pollutants degradation in metalâ€“organic frameworks. Energy and Environmental Science, 2014, 7, 2831-2867.	15.6	1,430
975	Single-crystal X-ray diffraction studies on structural transformations of porous coordination polymers. Chemical Society Reviews, 2014, 43, 5789-5814.	18.7	408
976	Proton Conductivity Control by Ion Substitution in a Highly Proton-Conductive Metalâ€“Organic Framework. Journal of the American Chemical Society, 2014, 136, 13166-13169.	6.6	204
977	Topotactic elimination of water across a Câ€“C ligand bond in a dense 3-D metalâ€“organic framework. Chemical Communications, 2014, 50, 13292-13295.	2.2	7
978	Syntheses, X-ray structures, catalytic activity and magnetic properties of two new coordination polymers of Co(<scp>ii</scp>) and Ni(<scp>ii</scp>) based on benzenedicarboxylate and linear N,Nâ€²-donor Schiff base linkers. Inorganic Chemistry Frontiers, 2014, 1, 414-425.	3.0	35
979	A â€˜kagome dualâ€™ (kgd) sheet based on triangular rigid ligand: Synthesis, structure, photoluminescence and anion exchange properties. Inorganica Chimica Acta, 2014, 416, 195-199.	1.2	11
980	Programming MIL-101Cr for selective and enhanced CO₂adsorption at low pressure by postsynthetic amine functionalization. Dalton Transactions, 2014, 43, 1338-1347.	1.6	69
981	Synthesis and properties of a new (3,8)-connected pillar-layered Co(II)-based coordination polymer supported by tetranuclear secondary building units (SBUs). Inorganic Chemistry Communication, 2014, 43, 81-85.	1.8	6
982	Synthesis, crystal structure and magnetic properties of two alternating double Î¼_{1,1} and Î¼_{1,3} azido bridged Cu(<scp>ii</scp>) and Ni(<scp>ii</scp>) chains. Dalton Transactions, 2014, 43, 12414-12421.	1.6	34
983	Liquid phase stepwise growth of surface mounted metalâ€“organic frameworks for exploratory research and development of applications. Inorganic Chemistry Frontiers, 2014, 1, 442.	3.0	56
984	Doping cobalt into a [Zn₇] cluster-based MOF to tune magnetic behaviour and induce fluorescence signal mutation. Dalton Transactions, 2014, 43, 11470-11473.	1.6	27

#	Article	IF	Citations
985	Magnetic structure and dynamics of a strongly one-dimensional<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mtext>cobalt</mml:mtext><mml:mi>II</mml:mi></mml:msup framework. Physical Review B, 2014, 89, .	1.1	4
986	Nanoporous metal organic framework materials for smart applications. Materials Science and Technology, 2014, 30, 1598-1612.	0.8	87
987	Solution-dispersed porous hyperbranched conjugated polymer nanoparticles for fluorescent sensing of TNT with enhanced sensitivity. Polymer Chemistry, 2014, 5, 4521.	1.9	74
988	Nitrosyl Complexes in Inorganic Chemistry, Biochemistry and Medicine II. Structure and Bonding, 2014, , .	1.0	10
989	Utilization of a ligand containing 2,2â€²-bipyridyl and tetrazolate groups to construct a 2D Co(<scp>ii</scp>) coordination polymer: spin canting and metamagnetism. Dalton Transactions, 2014, 43, 15576-15582.	1.6	20
990	Structures, Magnetic Properties, and Photoluminescence of Dicarboxylate Coordination Polymers of Mn, Co, Ni, Cu Having N-(4-Pyridylmethyl)-1,8-naphthalimide. Crystal Growth and Design, 2014, 14, 4735-4748.	1.4	55
991	Structural modulation in two Cu^{II}-based MOFs by synergistic assembly involving the mixed-ligand synthetic strategy and the solvent effect. Dalton Transactions, 2014, 43, 15708-15712.	1.6	30
992	Experimental, DFT and quantum Monte Carlo studies of a series of peptide-based metalâ€“organic frameworks: synthesis, structures and properties. Inorganic Chemistry Frontiers, 2014, 1, 526-533.	3.0	10
993	Computerâ€Assisted Synthesis Optimisation of Inorganicâ€“Organic Hybrid Compounds Using the Local Optimisation Algorithm BOBYQA. ChemPlusChem, 2014, 79, 863-871.	1.3	6
994	Magnetic Coupling and Slow Relaxation of Magnetization in Chain-Based Mn^{II}, Co^{II}, and Ni^{II} Coordination Frameworks. Inorganic Chemistry, 2014, 53, 9306-9314.	1.9	48
995	Two Metalâ€“Organic Frameworks with a Tetratopic Linker: Solvent-Dependent Polymorphism and Postsynthetic Bromination. Crystal Growth and Design, 2014, 14, 1719-1725.	1.4	52
996	An antiferromagnetic metal-organic framework with high symmetry octanuclear Mn8(Î¼4-O)3(COO)12 secondary building units. Journal of Coordination Chemistry, 2014, 67, 2606-2614.	0.8	3
997	A Co(<scp>ii</scp>) thiocyanato coordination polymer with 4-(3-phenylpropyl)pyridine: the influence of the co-ligand on the magnetic properties. Dalton Transactions, 2014, 43, 17333-17342.	1.6	67
998	Photochemistry in a 3D Metalâ€“Organic Framework (MOF): Monitoring Intermediates and Reactivity of the fac-to-mer Photoisomerization of Re(diimine)(CO)₃Cl Incorporated in a MOF. Inorganic Chemistry, 2014, 53, 2606-2612.	1.9	27
999	Surface-Assisted Formation, Assembly, and Dynamics of Planar Organometallic Macrocycles and Zigzag Shaped Polymer Chains with Câ€“Cuâ€“C Bonds. ACS Nano, 2014, 8, 709-718.	7.3	134
1000	Assembling supramolecular networks by halogen bonding in coordination polymers driven by 5-bromonicotinic acid. Journal of Solid State Chemistry, 2014, 213, 256-267.	1.4	17
1001	Structural design and electronic properties of halogen-bridged mixed-valence ladder systems with even numbers of legs. CrystEngComm, 2014, 16, 6277.	1.3	27
1002	Syntheses, structures and luminescent properties of six divalent metal terephthalate coordination polymers based on three new flexible bis(imidazole) ligands. CrystEngComm, 2014, 16, 7701-7710.	1.3	13

#	Article	IF	Citations
1003	Functional materials derived from open framework templates/precursors: synthesis and applications. Energy and Environmental Science, 2014, 7, 2071.	15.6	619
1004	Cooperative effect of bicyclo[2.2.2]oct-7-ene-2,3,5,6-tetracarboxylate and selective bipyridine ligands on coordination network assembly and metallocycle generation. Polyhedron, 2014, 67, 388-395.	1.0	6
1005	Mixed CoN4Cl2 and CoCl4 units versus two CoN2Cl3 units in [Co2(Htbi)2Cl4] isomers. Inorganic Chemistry Communication, 2014, 39, 21-25.	1.8	6
1006	A series of 3D isomorphous lanthanide coordination polymers based on flexible dicarboxylate ligand: Synthesis, structure, characterization, and properties. Dyes and Pigments, 2014, 105, 180-191.	2.0	16
1007	Synthesis, Structures, Polymorphism, and Magnetic Properties of Transition Metal Thiocyanato Coordination Compounds. Crystal Growth and Design, 2014, 14, 1902-1913.	1.4	68
1008	Solvent-Induced Single Crystal To Single Crystal Transformation and Complete Metal Exchange of a Pyrene-Based Metalâ€“Organic Framework. Crystal Growth and Design, 2014, 14, 1738-1743.	1.4	51
1009	Ordered Mesoporous Metalâ€“Organic Frameworks Incorporated with Amorphous TiO₂ As Photocatalyst for Selective Aerobic Oxidation in Sunlight Irradiation. ACS Catalysis, 2014, 4, 1398-1403.	5.5	136
1010	Magnetic Metalâ€“Organic Frameworks: Î³â€Fe₂O₃@MOFs via Confined In Situ Pyrolysis Method for Drug Delivery. Small, 2014, 10, 2927-2936.	5.2	181
1011	Anion-Controlled Dielectric Behavior of Homochiral Tryptophan-Based Metalâ€“Organic Frameworks. Crystal Growth and Design, 2014, 14, 1572-1579.	1.4	54
1012	A new metal organic framework constructed of Co(II) ions six and seven-coordinated: Synthesis, structure and magnetism. Polyhedron, 2014, 81, 210-215.	1.0	12
1013	Synthesis, structure and magnetic properties of manganese(II) coordination polymer with 4,4â€²-[(5-carboxy-1,3-phenylene)bis(oxy)]dibenzoic acid. Journal of Molecular Structure, 2014, 1074, 416-421.	1.8	2
1014	Two-Dimensional 3dâ€“4f Heterometallic Coordination Polymers: Syntheses, Crystal Structures, and Magnetic Properties of Six New Co(II)â€“Ln(III) Compounds. Inorganic Chemistry, 2014, 53, 6299-6308.	1.9	20
1015	Metal-Organic Frameworks for Photonics Applications. Structure and Bonding, 2014, , .	1.0	26
1016	Syntheses, X-ray structures, gas adsorption and luminescent properties of three coordination polymers of Zn(<scp>ii</scp>) dicarboxylates mixed with a linear, neutral, and rigid N,Nâ€²-donor ligand. CrystEngComm, 2014, 16, 4783-4795.	1.3	38
1017	Spin canting and metamagnetism in 3D pillared-layer homospin cobalt(ii) molecular magnetic materials constructed via a mixed ligands approach. Inorganic Chemistry Frontiers, 2014, 1, 242.	3.0	34
1018	Three coordination polymers of transition metals built using HPPC ligand: Crystal structures and novel topology. Polyhedron, 2014, 83, 143-149.	1.0	9
1019	One novel three-dimensional framework constructed from infrequent Î¼â€“O metal chains with alternating antiferromagnetic/ferromagnetic interactions. Synthetic Metals, 2014, 194, 126-131.	2.1	1
1020	Three silver-based complexes constructed from organic carboxylic acid and 4,4â€²-bipyridine-like ligands: Syntheses, structures and photocatalytic properties. Journal of Molecular Structure, 2014, 1074, 92-99.	1.8	58

#	Article	IF	Citations
1021	Syntheses, Characterization, and Magnetoâ€“Structural Analyses in Î¼_{1,3}â€Acetatoâ€Bridged Tetracopper(II) and Î¼_{1,3}â€•and Î¼_{1,1,3}â€Acetatoâ€Bridged Pentanickel(II) Clusters. European Journal of Inorganic Chemistry, 2014, 2014, 2753-2765.	1.0	10
1022	One-pot synthesis of monodisperse Zn coordination polymer micro/nanostructures and their transformation to mesoporous ZnO photocatalysts. RSC Advances, 2014, 4, 25160.	1.7	11
1023	Synthesis and characterization of mangenese(III) porphyrin supported on imidazole modified chloromethylated MIL-101(Cr): A heterogeneous and reusable catalyst for oxidation of hydrocarbons with sodium periodate. Journal of Solid State Chemistry, 2014, 218, 56-63.	1.4	37
1024	Two cobalt and nickel coordination polymers constructed from 1,4-bis(1,2,4-triazol-1-ylmethyl)benzene: Crystal structure and magnetic properties. Journal of Molecular Structure, 2014, 1068, 255-260.	1.8	3
1025	The synthesis, structure and magnetic properties of two cobalt phosphonate salts. Polyhedron, 2014, 81, 132-141.	1.0	2
1026	Synthesis, structure and luminescence properties of lanthanide coordination polymers using in situ decarboxylation of a H3cppdc ligand. Inorganic Chemistry Communication, 2014, 46, 340-343.	1.8	7
1027	Coordination polymers with nucleobases: From structural aspects to potential applications. Coordination Chemistry Reviews, 2014, 276, 34-58.	9.5	101
1028	Cadmium(II) and cobalt(II) coordination polymers constructed from 4,4â€²-di(1H-imidazol-4-yl)biphenyl and varied multicarboxylate ligands: Synthesis, structure and property. Polyhedron, 2014, 79, 239-249.	1.0	14
1029	Magneto-structural correlation and low temperature heat capacity of a Mn (III) quadridentate Schiff-base coordination compound. Journal of Chemical Thermodynamics, 2014, 74, 247-254.	1.0	10
1030	Recent Progress in MMX-Chain Complexes: Unique Electronic States and Characteristics Developed by Introducing Binary Countercations. Chemistry Letters, 2014, 43, 69-79.	0.7	18
1031	Structures and Properties of Coordination Polymers based on 5â€Nitroisophthalic Acid and N,Nâ€²â€bis(4â€pyridylâ€methyl) Piperazine. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 2503-2507.	0.6	5
1032	Two Zinc(II) Coordination Polymers Based on Terphenylâ€2,2â€²,4,4â€²â€tetracarboxylate and Dipyridyl Ligands: Syntheses, Crystal Structures, and Luminescent Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 483-486.	0.6	7
1033	Spin Signature of Nonlocal Correlation Binding in Metal-Organic Frameworks. Physical Review Letters, 2015, 115, 136402.	2.9	272
1034	Synthesis, crystal structure, thermal stability, and luminescent properties of lithium trimesate coordination polymer. Russian Chemical Bulletin, 2015, 64, 2903-2907.	0.4	2
1036	Water-induced dynamic crystal-to-amorphous transformation of cobalt(II) coordination and supramolecular frameworks containing benzene-1,2,4,5-tetracarboxylic acid and trans-1-(2-pyridyl)-2-(4-pyridyl)ethylene ligands. Polyhedron, 2015, 102, 593-599.	1.0	2
1037	Synthesis, structure, and luminescent properties of layered coordination polymer based on cadmium(II) 2,5-furandicarboxylate. Russian Chemical Bulletin, 2015, 64, 613-617.	0.4	2
1038	Thiocyanato Coordination Polymers with Isomeric Coordination Networks â€“ Synthesis, Structures, and Magnetic Properties. European Journal of Inorganic Chemistry, 2015, 2015, 3236-3245.	1.0	67
1039	Three Distinct Silver(I) Coordination Polymers: Bridgingâ€ÂLigand Directed Syntheses, Crystal Structures, Luminescence, and Nitrobenzene Sensing Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 1366-1373.	0.6	9

#	Article	IF	Citations
1041	Cooperative Cluster Metalation and Ligand Migration in Zirconium Metalâ€“Organic Frameworks. Angewandte Chemie - International Edition, 2015, 54, 14696-14700.	7.2	169
1042	Green Synthesis of a Microporous, Partially Fluorinated Zn^{II} Paddlewheel Metalâ€“Organic Framework: H₂/CO₂ Adsorption Behavior and Solidâ€State Conversion to a ZnOâ€“C Nanocomposite. European Journal of Inorganic Chemistry, 2015, 2015, 5669-5676.	1.0	28
1043	Synthesis, Crystal Structures, and Thermal Analyses of ÂCopper(II) and Manganese(II) Mixedâ€Ligand Coordination Polymers Constructed from Benzimidazoleâ€5, 6â€dicarboxylic Acid and Nâ€Donor Ligands. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 1964-1968.	0.6	4
1044	Four Metal Complexes Based on Bulky Imidazole Ligands: Solvothermal Syntheses, Crystal Structures, and Fluorescence Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 1874-1880.	0.6	2
1045	A novel 2D ladder shaped metalâ€“ organic framework based on lead-aspartate system with hydrophobic channels. Main Group Chemistry, 2015, 14, 91-103.	0.4	1
1046	Structural and Magnetic Analysis of Retrosynthetically Designed Architectures Built from a Triply Bridged Heterometallic (CuL)₂Co Node and Benzenedicarboxylates. European Journal of Inorganic Chemistry, 2015, 2015, 3028-3037.	1.0	14
1047	Theoretical Insights into the Tuning of Metal Binding Sites of Paddlewheels in rht â€Metalâ€“Organic Frameworks. ChemPhysChem, 2015, 16, 3170-3179.	1.0	14
1048	A Complex Selfâ€Catenated Coordination Framework with a Rare (3,12)â€Connected Underlying Net Showing Selective Adsorption of CO₂. European Journal of Inorganic Chemistry, 2015, 2015, 4633-4637.	1.0	2
1050	Crystal Engineering with the New Linker Tolanedisulfonic Acid (H₂TDS): Helical Chains in Zn(TDS)(DMA)₃, Linear Chains in Zn(TDS)(NMP)₃, and Complex Anions in [HDMA]₂[Zn(TDS)₂(DMA)₃](DMA)₂. Chemistry - an Asian Journal, 2015, 10, 1354-1362.	1.7	5
1051	Photoluminescence Modulation in LanÂthanide(III)/Pyrazineâ€2,5â€dicarboxylato/Nitrato Frameworks. European Journal of Inorganic Chemistry, 2015, 2015, 4318-4328.	1.0	18
1052	Chiralityâ€and pHâ€Controlled Supramolecular Isomerism in Cobalt Phosphonates and Its Impact on the Magnetic Behavior. Chemistry - A European Journal, 2015, 21, 17336-17343.	1.7	17
1053	Three Cadmium(II) Coordination Polymers based on Mixed 1,2â€Naphthalenedicarboxylate and Bis(pyridyl) Coâ€ligands: Structural Diversities and Photoluminescent Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 876-882.	0.6	1
1055	Silver(I) 2,2'-(1,2-Phenylenedisulfanediyl)diacetic Acid as a Molecular Building Block for a Silver(I)-Cadmium(II) Coordination Polymer. Molecules, 2015, 20, 8020-8032.	1.7	1
1056	Post-Synthetic Shaping of Porosity and Crystal Structure of Ln-Bipy-MOFs by Thermal Treatment. Molecules, 2015, 20, 12125-12153.	1.7	14
1057	Magnetic Structures. Experimental Methods in the Physical Sciences, 2015, , 203-290.	0.1	4
1058	Coordination and Crystallization Molecules: Their Interactions Affecting the Dimensionality of Metalloporphyrinic SCFs. Molecules, 2015, 20, 6683-6699.	1.7	18
1059	Review of Solid State Hydrogen Storage Methods Adopting Different Kinds of Novel Materials. Journal of Nanomaterials, 2015, 2015, 1-18.	1.5	69
1060	((1H-tetrazol-5-yl) methyl) pyridine-based metal coordination complexes: in situ tetrazole synthesis, crystal structures, luminescence properties. CrystEngComm, 2015, 17, 1305-1317.	1.3	14

#	Article	IF	Citations
1061	Probing ferroic transitions in a multiferroic framework family: a neutron diffraction study of the ammonium transition metal formates. Dalton Transactions, 2015, 44, 11613-11620.	1.6	17
1062	Auxiliary Ligand-Assisted Structural Variation of Cd(II) Metalâ€“Organic Frameworks Showing 2D â†' 3D Polycatenation and Interpenetration: Synthesis, Structure, Luminescence Properties, and Selective Sensing of Trinitrophenol. Crystal Growth and Design, 2015, 15, 3356-3365.	1.4	125
1063	Synthesis and structural characterization of six Cu(<scp>ii</scp>)-based coordination polymers using the thermally tunable 1,2,3,4-cyclobutanetetracarboxylic acid. CrystEngComm, 2015, 17, 5081-5093.	1.3	7
1064	Ultrafast high-performance extraction of uranium from seawater without pretreatment using an acylamide- and carboxyl-functionalized metalâ€“organic framework. Journal of Materials Chemistry A, 2015, 3, 13724-13730.	5.2	161
1065	Structural diversity of coordination polymers controlled by the metal ion as the sole reaction variable. CrystEngComm, 2015, 17, 4462-4468.	1.3	13
1066	Highly Selective and Sensitive Luminescence Turn-On-Based Sensing of Al³⁺ Ions in Aqueous Medium Using a MOF with Free Functional Sites. Inorganic Chemistry, 2015, 54, 6373-6379.	1.9	169
1067	A (3,6)-connected metalâ€“organic framework with high CH₄binding affinity and uptake capacity. CrystEngComm, 2015, 17, 4793-4798.	1.3	18
1068	Electrosynthesis of Metalâ€“Organic Frameworks: Challenges and Opportunities. ChemElectroChem, 2015, 2, 462-474.	1.7	199
1069	Influence of noncovalent interactions on the structures of metalâ€“organic hybrids based on a [VO₂(2,6-pydc)]^{â^'} tecton with cations of imidazole, pyridine and its derivatives. New Journal of Chemistry, 2015, 39, 4265-4277.	1.4	14
1070	New Zr (IV) based metal-organic framework comprising a sulfur-containing ligand: Enhancement of CO2 and H2 storage capacity. Microporous and Mesoporous Materials, 2015, 215, 116-122.	2.2	56
1071	Syntheses, structures and anion exchange properties of accommodative silver chains using a positively charged and flexible ligand. Inorganica Chimica Acta, 2015, 434, 158-171.	1.2	13
1072	Tuning structural topologies of two coordination polymers via alter N-donor auxiliary ligand. Inorganic Chemistry Communication, 2015, 55, 143-148.	1.8	3
1073	Modulating structural dimensionality of cadmium(II) coordination polymers by means of pyrazole, tetrazole and pyrimidine derivative ligands. Journal of Molecular Structure, 2015, 1089, 135-145.	1.8	9
1074	CuIX (X = Clâ^', Brâ^', Iâ^') inorganic networks separated and stabilized by a mercaptotetrazole ligand. Polyhedron, 2015, 97, 260-267.	1.0	11
1075	Pressure-induced structural phase transformation in cobalt(II) dicyanamide. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2015, 71, 252-257.	0.5	14
1076	Discrete and polymeric complexes formed from cobalt(<scp>ii</scp>), 4,4â€²-bipyridine and 2-sulfoterephthalate: synthetic, crystallographic and magnetic studies. CrystEngComm, 2015, 17, 4502-4511.	1.3	8
1077	Turn-on luminescence based discrimination of protic acids using a flexible layered metalâ€“organic coordination polymer. RSC Advances, 2015, 5, 48169-48175.	1.7	8
1078	Multi-component luminescent lanthanide hybrids of both functionalized IRMOF-3 and SBA-15. New Journal of Chemistry, 2015, 39, 5898-5901.	1.4	17

#	Article	IF	Citations
1079	Syntheses and crystal structures of copper(II), zinc(II) and cadmium(II) complexes containing pyridine, quinoline and 2-methylquinoline. Polyhedron, 2015, 95, 91-107.	1.0	15
1080	Design and construction of six coordination polymers with imidazole-4,5-dicarboxylate ligand. Inorganica Chimica Acta, 2015, 434, 14-23.	1.2	11
1081	Syntheses, structures, and luminescent properties of two Pb(II) coordination polymers based on 2,2â€²-(diazene-1,2-diyl)dibenzoate acid and different N-donor ligands. Journal of Coordination Chemistry, 2015, 68, 1970-1979.	0.8	4
1082	Unraveling the multi-functional behavior in a series of Metal Organic Frameworks. Journal of Solid State Chemistry, 2015, 229, 103-111.	1.4	6
1083	Discovery of the K₄ Structure Formed by a Triangular Ï€ Radical Anion. Journal of the American Chemical Society, 2015, 137, 7612-7615.	6.6	37
1084	Remarkable Lattice Shrinkage in Highly Oriented Crystalline Three-Dimensional Metalâ€“Organic Framework Thin Films. Inorganic Chemistry, 2015, 54, 11593-11595.	1.9	27
1085	Copper inorganic-organic hybrid coordination compound as a novel L-cysteine electrochemical sensor: Synthesis, characterization, spectroscopy and crystal structure. Journal of Chemical Sciences, 2015, 127, 2005-2014.	0.7	6
1086	Redox-Modulated Magnetic Transformations between Ferro- and Antiferromagnetism in Organic Systems: Rational Design of Magnetic Organic Molecular Switches. Journal of Physical Chemistry C, 2015, 119, 27930-27937.	1.5	26
1087	Two novel 3D self-threading coordination polymers with CdSO4 topology: Syntheses, structures and properties. Inorganic Chemistry Communication, 2015, 61, 64-67.	1.8	4
1088	Electronic Conductivity, Ferrimagnetic Ordering, and Reductive Insertion Mediated by Organic Mixed-Valence in a Ferric Semiquinoid Metalâ€“Organic Framework. Journal of the American Chemical Society, 2015, 137, 15703-15711.	6.6	329
1089	Luminescent MOFs and Frameworks. , 2015, , .		2
1090	Searching beyond Gd for magnetocaloric frameworks: magnetic properties and interactions of the Ln(HCO₂)₃ series. Materials Horizons, 2015, 2, 528-535.	6.4	49
1091	Spin-canting magnetization in 3D metal organic frameworks based on strip-shaped Î”-chains. RSC Advances, 2015, 5, 76752-76758.	1.7	12
1092	Structural studies of metalâ€“organic frameworks under high pressure. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2015, 71, 587-607.	0.5	82
1093	Metal-Cation-Independent Dynamics of Phenylene Ring in Microporous MOFs: A ²H Solid-State NMR Study. Journal of Physical Chemistry C, 2015, 119, 28038-28045.	1.5	36
1094	An unprecedented twelve-connected 3D metal-organic framework based on heptanuclear cobalt cluster building blocks. Inorganic Chemistry Communication, 2015, 62, 98-102.	1.8	3
1095	Syntheses, structures and properties of two new coordination polymers based on d-camphoric acid and 2-phenyl-4,6-diamino-1,3,5-triazine. Journal of Solid State Chemistry, 2015, 225, 135-140.	1.4	10
1096	Lanthanide metalâ€“organic frameworks with 2,2â€²-bipyridine-polycarboxylic acid: Synthesis, crystal structures and fluorescent properties. Inorganica Chimica Acta, 2015, 427, 112-117.	1.2	11

#	Article	IF	Citations
1097	Silver-tetrapyridyl coordination polymers: [Ag2(L)](NO3)2(H2O)2, [Ag(L)](PF6), and [Ag2I2L](CH2Cl2) {L = 1,1,2,2-tetrakis(4-(pyridin-3-yl)phenyl)ethene}. Polyhedron, 2015, 87, 338-348.	1.0	7
1098	Single Crystalâ€toâ€Single Crystal Siteâ€Selective Postsynthetic Metal Exchange in a Znâ€“MOF Based on Semiâ€Rigid Tricarboxylic Acid and Access to Bimetallic MOFs. Chemistry - A European Journal, 2015, 21, 2759-2765.	1.7	31
1099	Metal cluster-based functional porous coordination polymers. Coordination Chemistry Reviews, 2015, 293-294, 263-278.	9.5	234
1100	A Microporous Co²⁺ Metal Organic Framework with Single-Crystal to Single-Crystal Transformation Properties and High CO₂ Uptake. Crystal Growth and Design, 2015, 15, 185-193.	1.4	24
1101	Semi-rigid imidazolium carboxylate controlled structural topologies in zwitterionic coordination networks. Polyhedron, 2015, 89, 322-329.	1.0	13
1102	End-End Connection Pattern of Trinuclear-Triangular Copper Cluster for Construction of Two Metalâ€“Organic Frameworks: Syntheses, Structures, Magnetic and Gas Adsorption Properties. Crystal Growth and Design, 2015, 15, 1526-1534.	1.4	19
1103	Coordination polymers based on copper carboxylates and angular 2,5-bis(imidazol-1-yl)thiophene (thim₂) ligand: sequential structural transformations. CrystEngComm, 2015, 17, 2153-2161.	1.3	11
1104	Synthesis, Structure, and Electron Paramagnetic Resonance Study of a Mixed Valent Metalâ€“Organic Framework Containing Cu₂ Paddle-Wheel Units. Journal of Physical Chemistry C, 2015, 119, 4898-4907.	1.5	43
1105	Interaction of the Trinuclear Triangular Secondary Building Unit [Cu₃(Î¼₃-OH)(Î¼-pz)₃]²⁺ with 4,4â€²-Bipyridine. Structural Characterizations of New Coordination Polymers and Hexanuclear Cu^{II} Clusters. 2Å°. Crystal Growth and Design, 2015, 15, 1259-1272.	1.4	20
1106	Luminescent lanthanide MOFs based on conjugated 1,1â€²-ethynebenzene-3,3â€²,5,5â€²-tetracarboxylate ligand: syntheses, structures and photoluminescent properties. Dalton Transactions, 2015, 44, 5746-5754.	1.6	28
1107	Perceptive Approach in Assessing Rigidity versus Flexibility in the Construction of Diverse Metalâ€“Organic Coordination Networks: Synthesis, Structure, and Magnetism. Crystal Growth and Design, 2015, 15, 1407-1421.	1.4	42
1108	Towards multicomponent MOFs via solvent-free synthesis under conventional oven and microwave assisted heating. Inorganic Chemistry Frontiers, 2015, 2, 425-433.	3.0	13
1109	3D Microporous Lanthanide-Organic Frameworks Constructed from Left- and Right-Handed Helical Chains: Synthesis, Crystal Structure, and Tunable PhotoÂluminescence. European Journal of Inorganic Chemistry, 2015, 2015, 852-858.	1.0	8
1110	A blue luminescent MOF as a rapid turn-off/turn-on detector for H₂O, O₂and CH₂Cl₂, MeCN: 3â^ž[Ce(Im)₃ImH]Â·ImH. Dalton Transactions, 2015, 44, 4070-4079.	1.6	51
1111	3D Co(<scp>ii</scp>) coordination polymer with ferrimagnetic-like layers based on azide and tetrazolate bridges showing slow magnetic dynamics. Dalton Transactions, 2015, 44, 511-514.	1.6	28
1112	Hysteretic Gas and Vapor Sorption in Flexible Interpenetrated Lanthanide-Based Metalâ€“Organic Frameworks with Coordinated Molecular Gating via Reversible Single-Crystal-to-Single-Crystal Transformation for Enhanced Selectivity. Chemistry of Materials, 2015, 27, 1502-1516.	3.2	76
1113	Solvothermal synthesis, structures, and magnetic properties of NiII compounds directed by N,Nâ€²-bridging auxiliary ligands. Inorganica Chimica Acta, 2015, 428, 37-43.	1.2	13
1114	Four linear Cu^{II}₃ subunit-based coordination polymers with various inter-subunit connections, spin ground-states and intra-/inter-subunit magnetic couplings. Dalton Transactions, 2015, 44, 3190-3199.	1.6	14

#	Article	IF	Citations
1115	Reactions of Rare Earth Hydrated Nitrates and Oxides with Formamide: Relevant to Recycling Rare Earth Metals. Crystal Growth and Design, 2015, 15, 1119-1128.	1.4	11
1116	A Metalloligand Appended with Thiazole Rings: Heterometallic {Co³⁺â€“Zn²⁺} and {Co³⁺â€“Cd²⁺} Complexes and Their Heterogeneous Catalytic Applications. European Journal of Inorganic Chemistry, 2015, 2015, 1022-1032.	1.0	21
1117	The synthesis, structure, topology and catalytic application of a novel cubane-based copper(<scp>ii</scp>) metalâ€“organic framework derived from a flexible amido tripodal acid. Dalton Transactions, 2015, 44, 10156-10165.	1.6	56
1118	Predicting and creating 7-connected Zn₄O vertices for the construction of an exceptional metalâ€“organic framework with nanoscale cages. CrystEngComm, 2015, 17, 1923-1926.	1.3	6
1120	Syntheses, structures, and photoluminescence of three cadmium(II) coordination complexes based on pyridine-2,6-dicarboxylic acid and a derivative. Journal of Coordination Chemistry, 2015, 68, 904-915.	0.8	11
1121	Toward understanding the structureâ€“catalyst activity relationship of new indium MOFs as catalysts for solvent-free ketone cyanosilylation. RSC Advances, 2015, 5, 7058-7065.	1.7	29
1122	A dual-functional Cd(<scp>ii</scp>)â€“organic-framework demonstrating selective sensing of Zn²⁺ and Fe³⁺ ions exclusively and size-selective catalysis towards cyanosilylation. RSC Advances, 2015, 5, 10119-10124.	1.7	32
1123	The concept of mixed organic ligands in metalâ€“organic frameworks: design, tuning and functions. Dalton Transactions, 2015, 44, 5258-5275.	1.6	225
1124	High Proton Mobility, Solvent Induced Single Crystal to Single Crystal Structural Transformation, and Related Studies on a Family of Compounds Formed from Mn₃ Oxo-Clusters. Inorganic Chemistry, 2015, 54, 1254-1271.	1.9	37
1125	Hydrothermal Syntheses, Crystal Structures, and Luminescent Properties of Two MnII Coordination Polymers: From Two-Fold Interpenetrated pcu Topological Net to Polycatenated 2D+2Dâ†’3D Framework. Australian Journal of Chemistry, 2015, 68, 322.	0.5	2
1126	A non-template approach to fabricate mesoporous alumina with predefined morphology by solid-state transformation of Al-based metalâ€“organic frameworks. RSC Advances, 2015, 5, 15182-15186.	1.7	15
1127	Additive Effects in the Formation of Fluorescent Zinc Metalâ€“Organic Frameworks with 5-Hydroxyisophthalate. Crystal Growth and Design, 2015, 15, 1452-1459.	1.4	17
1128	Bridging different Co₄â€“calix[4]arene building blocks into grids, cages and 2D polymers with chiral camphoric acid. CrystEngComm, 2015, 17, 1750-1753.	1.3	29
1129	Structural diversities and magnetic properties of azide-containing coordination polymers based on flexible tetra-pyridinate ligands. CrystEngComm, 2015, 17, 1556-1563.	1.3	14
1130	Syntheses, Crystal Structures, and Properties of Two Novel Coordination Polymers: [Zn2(5-iipa)2(bpa)3]n and [Cd(5-iipa)(bpa)(CH3OH)]n. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2015, 45, 298-303.	0.6	3
1131	Fluorescent metalâ€“organic framework based on pyrene chromophore for sensing of nitrobenzene. RSC Advances, 2015, 5, 7121-7124.	1.7	33
1132	Magnetic clusters based on octacyanidometallates. Inorganic Chemistry Frontiers, 2015, 2, 10-27.	3.0	74
1133	Synthesis, Structure and Properties of Three New Polymers Based on 5-(Pyridin-3-yl)isophthalic Acid. Journal of Inorganic and Organometallic Polymers and Materials, 2015, 25, 755-762.	1.9	0

#	Article	IF	Citations
1134	Crystal structures, topologies and luminescent properties of three Zn(<scp>ii</scp>)/Cd(<scp>ii</scp>) coordination networks based on naphthalene-2,6-dicarboxylic acid and different bis(imidazole) linkers. RSC Advances, 2015, 5, 16190-16198.	1.7	24
1135	Synthesis of Pt-Rich@Ptâ€“Ni alloy coreâ€“shell nanoparticles using halides. RSC Advances, 2015, 5, 8301-8306.	1.7	7
1136	Study of Proton Conductivity of a 2D Flexible MOF and a 1D Coordination Polymer at Higher Temperature. Inorganic Chemistry, 2015, 54, 1218-1222.	1.9	85
1137	Structural studies and detection of nitroaromatics by luminescent 2D coordination polymers with angular dicarboxylate ligands. Inorganic Chemistry Frontiers, 2015, 2, 228-236.	3.0	30
1138	Theoretical Magnetic Behavior of NbO-type Cu2 MOF. Journal of Superconductivity and Novel Magnetism, 2015, 28, 791-796.	0.8	2
1139	Synthesis and characterizations of three layered ZnII, CdII and MnII coordination polymers with a flexible ligand [3-(2-pyridyl)-1-pyrazolyl] acetic acid. Journal of Coordination Chemistry, 2015, 68, 1295-1305.	0.8	1
1140	High Magnetic Hardness for the Canted Antiferromagnetic, Ferroelectric, and Ferroelastic Layered Perovskite-like (C₂H₅NH₃)₂[Fe^{II}Cl₄]. Inorganic Chemistry, 2015, 54, 2866-2874.	1.9	50
1141	Luminescent silver(<scp>i</scp>) coordination architectures containing 2-aminopyrimidyl ligands. CrystEngComm, 2015, 17, 3393-3417.	1.3	34
1142	Solid-State Structure of a Degradation Product Frequently Observed on Historic Metal Objects. Inorganic Chemistry, 2015, 54, 2638-2642.	1.9	16
1143	Manganese- and Cobalt-Based Coordination Networks as Promising Heterogeneous Catalysts for Olefin Epoxidation Reactions. Inorganic Chemistry, 2015, 54, 2603-2615.	1.9	33
1144	Coordination Driven Self-Assembly in Co(II) Coordination Polymers Displaying Unprecedented Topology, Water Cluster, Chirality, and Spin-Canted Magnetic Behavior. Crystal Growth and Design, 2015, 15, 2211-2222.	1.4	31
1145	Synthesis, structures, and properties of three Zn(II), Mn(II), and Cd(II) compounds based on tetrazole-1-acetic ligand. Journal of Solid State Chemistry, 2015, 226, 186-191.	1.4	19
1146	A Three-Dimensional Complex with a One-Dimensional Cobalt-Hydroxyl Chain Based on Planar Nonanuclear Clusters Showing Spin-Canted Antiferromagnetism. Inorganic Chemistry, 2015, 54, 3331-3336.	1.9	41
1147	Thermodynamically Metastable Thiocyanato Coordination Polymer That Shows Slow Relaxations of the Magnetization. Inorganic Chemistry, 2015, 54, 2893-2901.	1.9	85
1148	A family of 3D lanthanide organic frameworks with tunable luminescence and slow magnetic relaxation. RSC Advances, 2015, 5, 9898-9903.	1.7	23
1149	Functionalities and architectures of coordination polymers with multi-dimensionalities via transition metalâ€“dicarboxylate ligands. CrystEngComm, 2015, 17, 2398-2405.	1.3	9
1150	Solvent effects on the structures and magnetic properties of two doubly interpenetrated metalâ€“organic frameworks. Dalton Transactions, 2015, 44, 6593-6599.	1.6	17
1151	Synthesis, structure, and magnetic property of a 3D supramolecular Gd(III) coordination polymer with 4,4â€²-sulfonyldibenzoic acid ligands. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2015, 41, 334-338.	0.3	0

#	Article	IF	Citations
1152	Two new carboxylateâ€“oxygen bridged trinuclear M(II) (MMn and Co) compounds with zwitterionic dicarboxylate ligands: crystal structures and magnetism. Inorganic Chemistry Communication, 2015, 58, 67-70.	1.8	10
1153	Single Crystal Electron Paramagnetic Resonance with Dielectric Resonators of Mononuclear Cu²⁺ Ions in a Metalâ€“Organic Framework Containing Cu₂ Paddle Wheel Units. Journal of Physical Chemistry C, 2015, 119, 19171-19179.	1.5	21
1154	Coordination polymers with varying dimensionality constructed from 2,5-bis(imidazol-1-yl)thiophene (thim2) and divalent metal (Mn2+, Cd2+, Co2+) salts. Polyhedron, 2015, 90, 202-213.	1.0	3
1155	Two CoII Compounds Showing Interesting Magnetic Properties Modulated by Supramolecular Interactions. Australian Journal of Chemistry, 2015, 68, 433.	0.5	2
1156	Ligands effect on the structures of A series of coordination polymers: Syntheses, structures, luminescence and magnetism. Inorganica Chimica Acta, 2015, 427, 285-292.	1.2	14
1157	Utilization of mixed ligands to construct two new coordination polymers: Syntheses, structures and properties. Journal of Solid State Chemistry, 2015, 228, 117-123.	1.4	9
1158	Four 3,5-diamino-1,2,4-triazole-based cobalt(II/III) complexes incorporating with 5-substituted isophthalate coligands: Synthesis, structure and magnetism. Polyhedron, 2015, 101, 29-36.	1.0	4
1159	Optimized Finite Difference Method for the Full-Potential XANES Simulations: Application to Molecular Adsorption Geometries in MOFs and Metalâ€“Ligand Intersystem Crossing Transients. Journal of Chemical Theory and Computation, 2015, 11, 4512-4521.	2.3	179
1160	Thermochemistry of Multiferroic Organicâ€“Inorganic Hybrid Perovskites [(CH₃)₂NH₂][M(HCOO)₃] (M = Mn, Co, Ni, and Zn). Journal of the American Chemical Society, 2015, 137, 10351-10356.	6.6	42
1161	Reversible stimulus-responsive Cu(<scp>i</scp>) iodide pyridine coordination polymer. Chemical Communications, 2015, 51, 14306-14309.	2.2	35
1162	A Series of Cyanoacetato Copper(II) Coordination Polymers with Various N,Nâ€²-Ditopic Spacers: Structural Diversity, Supramolecular Robustness, and Magnetic Properties. Crystal Growth and Design, 2015, 15, 3804-3812.	1.4	9
1163	Structural features and near infra-red (NIR) luminescence of isomeric Yb(<scp>iii</scp>) bipyridyl-N,Nâ€²-dioxide coordination polymers. Dalton Transactions, 2015, 44, 13378-13383.	1.6	9
1164	Luminescent zinc metalâ€”organic framework (ZIF-90) for sensing metal ions, anions and small molecules. Photochemical and Photobiological Sciences, 2015, 14, 1644-1650.	1.6	84
1165	Carbon Dioxide Capture by a Metalâ€“Organic Framework with Nitrogen-Rich Channels Based on Rationally Designed Triazole-Functionalized Tetraacid Organic Linker. Inorganic Chemistry, 2015, 54, 6829-6835.	1.9	44
1166	MOF crystal growth: UV resonance Raman investigation of metalâ€“ligand binding in solution and accelerated crystal growth methods. Dalton Transactions, 2015, 44, 12824-12831.	1.6	12
1167	Flexible metalâ€“organic frameworks as superior cathodes for rechargeable sodium-ion batteries. Journal of Materials Chemistry A, 2015, 3, 16590-16597.	5.2	94
1168	Self-assembly of 1-D, 2-D, and 3-D transition-metal coordination polymers based on a T-shaped tripodal ligand 4-(4,5-dicarboxy-1H-imidazol-2-yl)pyridine 1-oxide. Journal of Coordination Chemistry, 2015, 68, 1664-1675.	0.8	1
1169	Halide-ion directed assembly of distinct Cd II coordination polymers with 3,5-bis(4-pyridyl)-4-(3-pyridyl)-1,2,4-triazole and azide. Inorganic Chemistry Communication, 2015, 59, 9-12.	1.8	4

#	Article	IF	Citations
1170	Syntheses, characterization and properties of nine novel Zn(<scp>ii</scp>) coordination polymers based on 4,4â€²-(phenylazanediyl)dibenzoic acid and various N-donor ligands. CrystEngComm, 2015, 17, 5451-5467.	1.3	18
1171	Synthesis, strucure, and magnetic property of a 3D Mn(II) coordination polymer based on 2,3â€²,5,5â€²-bophenyl tetracarboxylic acid. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2015, 41, 481-485.	0.3	0
1172	Three-Dimensional Heterometallic Coordination Networks: Syntheses, Crystal Structures, Topologies, and Heterogeneous Catalysis. Crystal Growth and Design, 2015, 15, 4110-4122.	1.4	23
1173	Fluorescent selectivity for small molecules of three Zn-MOFs with different topologies based on a tetracarboxylate ligand. RSC Advances, 2015, 5, 62982-62988.	1.7	22
1174	Two Series of Isostructural Coordination Polymers with Isomeric Benzenedicarboxylates and Different Azine Based N,Nâ€²-Donor Ligands: Syntheses, Characterization and Magnetic Properties. Crystal Growth and Design, 2015, 15, 4427-4437.	1.4	36
1175	Ln-Ag heterometallic coordination polymers. Reviews in Inorganic Chemistry, 2015, 35, 81-113.	1.8	7
1176	Construction of a series of metalâ€“organic frameworks based on novel flexible ligand 4-carboxy-1-(3,5-dicarboxy-benzyl)-pyridinium chloride and selective d-block metal ions: crystal structures and photoluminescence. CrystEngComm, 2015, 17, 6297-6307.	1.3	21
1177	A new two-dimensional metalâ€“organic framework with high spin-filtering efficiency. Physical Chemistry Chemical Physics, 2015, 17, 17437-17444.	1.3	22
1178	Synthesis, structure, and characterization of two 1-D homometallic coordination polymers based on carboxylate-functionlized salen ligands. Journal of Coordination Chemistry, 2015, 68, 2682-2690.	0.8	1
1179	Study of temperature and ligand flexibility effects on coordination polymer formation from cyclobutanetetracarboxylic acid. CrystEngComm, 2015, 17, 5921-5931.	1.3	11
1180	Transition metal coordination polymers based on tetrabromoterephthalic and bis(imidazole) ligands: Syntheses, structures, topological analysis and photoluminescence properties. Journal of Solid State Chemistry, 2015, 229, 49-61.	1.4	7
1181	Polynuclear Ni(II)/Co(II)/Mn(II) Complexes Based on Terphenylâ€“Tetracarboxylic Acid Ligand: Crystal Structures and Research of Magnetic Properties. Crystal Growth and Design, 2015, 15, 3426-3434.	1.4	45
1182	Syntheses, structures, luminescence and magnetic properties of eleven coordination polymers constructed by a N,Nâ€²-sulfuryldiimidazole ligand. CrystEngComm, 2015, 17, 5054-5065.	1.3	18
1183	Anion-dependent copper(II) coordination polymers based on 1,3-di-(1,2,4-triazole-4-yl)benzene: Syntheses and crystal structures. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2015, 41, 339-344.	0.3	3
1184	A three-dimensional coordination polymer based on 3,5-pyrazoledicarboxylic acid (H3Pdc): [Cd2(HPdc)1.5Cl(H2O)2] n. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2015, 41, 368-371.	0.3	0
1185	Concomitant spin-canted antiferromagnetic ordering and proton conduction in homometallic and homoleptic coordination polymers. Dalton Transactions, 2015, 44, 3949-3953.	1.6	10
1186	Aminopyridine derivatives controlled the assembly and various properties of Cuâ€“BTC metalâ€“organic frameworks. Dalton Transactions, 2015, 44, 14008-14018.	1.6	18
1187	K(I)-M(II) (Mâ€‰=â€‰Co, Mn) heterometallic-(perfluorinated) organic frameworks containing inorganic layered Kâ€“Oâ€“M linkages: synthesis, crystal structure, and magnetic properties. Journal of Coordination Chemistry, 2015, 68, 2691-2702.	0.8	3

#	Article	IF	Citations
1188	Effect of central metals and N-donor ligands on the architectures of a series of coordination polymers based on a bis(sulfanediyl) thiadiazole diacetate. Polyhedron, 2015, 92, 147-155.	1.0	1
1189	MOF based luminescence tuning and chemical/physical sensing. Microporous and Mesoporous Materials, 2015, 216, 171-199.	2.2	303
1190	A Euâ€Doped Yâ€Based Luminescent Metalâ€“Organic Framework as a Highly Efficient Sensor for Nitroaromatic Explosives. European Journal of Inorganic Chemistry, 2015, 2015, 1390-1397.	1.0	43
1191	Photofunctional hybrids of lanthanide functionalized bio-MOF-1 for fluorescence tuning and sensing. Journal of Colloid and Interface Science, 2015, 451, 63-68.	5.0	49
1192	Quantum-Chemical Characterization of the Properties and Reactivities of Metalâ€“Organic Frameworks. Chemical Reviews, 2015, 115, 6051-6111.	23.0	241
1193	Fluoride-coordination chemistry in molecular and low-dimensional magnetism. Coordination Chemistry Reviews, 2015, 299, 1-21.	9.5	53
1194	Highly selective CH2Cl2 fluorescent sensor based on Cd(II) metal-organic framework. Inorganic Chemistry Communication, 2015, 56, 76-78.	1.8	15
1195	New 1D Metalâ€“Organic Coordination Polymers: Syntheses, Crystal Structures and Properties of Cu(bipy)(DBrS) 1, Co(bipy)(H2O)2(DBrS) 2, with H2DBrS=HOOCâ€“(CHBr)2â€“COOH. Journal of Chemical Crystallography, 2015, 45, 134-141.	0.5	1
1196	Zinc-Formate Metalâ€“Organic Frameworks: Watch Out for Reactive Solvents. Journal of Chemical Crystallography, 2015, 45, 178-188.	0.5	10
1197	Lanthanide coordination frameworks constructed from 1,3-benzenedicarboxylate, oxalate and 1,10-phenanthroline: crystal structure, multicolor luminescence and high-efficiency white light emission. CrystEngComm, 2015, 17, 3838-3844.	1.3	20
1198	4-Substituent pyridine directed cobalt(<scp>ii</scp>) azides: solvothermal synthesis, structure, and magnetic properties. Dalton Transactions, 2015, 44, 10289-10296.	1.6	15
1199	Structural Chemistry and Properties of Metal Oxalates Containing a Long-Spanning Dipyridyl Ligand: Chain, Interpenetrated Diamondoid, Threaded-Loop Layer, and Self-Penetrated Topologies. Crystal Growth and Design, 2015, 15, 2260-2271.	1.4	22
1200	Cation-Exchange Porosity Tuning in a Dynamic 4dâ€“4fâ€“3d Framework for Ni^{II} Ion-Selective Luminescent Probe. Inorganic Chemistry, 2015, 54, 4456-4465.	1.9	37
1201	2D and 3D Anilato-Based Heterometallic M(I)M(III) Lattices: The Missing Link. Inorganic Chemistry, 2015, 54, 5410-5418.	1.9	45
1202	Synthesis, characterization and magnetism of metalâ€“organic compounds: role of the positions of the coordinating groups of a meso-flexible ligand in placing anisotropy to exhibit spin-canting behaviour. Dalton Transactions, 2015, 44, 2852-2864.	1.6	32
1203	Supramolecular materials with robust and tunable channels constructed from tin(<scp>iv</scp>)porphyrin phenolates. CrystEngComm, 2015, 17, 3060-3063.	1.3	6
1204	Single Crystal to Single Crystal (SCâ€toâ€SC) Transformation from a Nonporous to Porous Metalâ€“Organic Framework and Its Application Potential in Gas Adsorption and Suzuki Coupling Reaction through Postmodification. Chemistry - A European Journal, 2015, 21, 5962-5971.	1.7	27
1205	Metalâ€“organic frameworks: versatile heterogeneous catalysts for efficient catalytic organic transformations. Chemical Society Reviews, 2015, 44, 6804-6849.	18.7	1,190

#	Article	IF	Citations
1206	Low temperature ionic conductor: ionic liquid incorporated within a metalâ€“organic framework. Chemical Science, 2015, 6, 4306-4310.	3.7	185
1207	Switching a 2D Co(II) Layer to a 3D Co₇-Cluster-Based Metalâ€“Organic Framework: Syntheses, Crystal Structures, and Magnetic Properties. Inorganic Chemistry, 2015, 54, 2976-2982.	1.9	92
1208	Enhancing luminescence properties of lanthanide(<scp>iii</scp>)/pyrimidine-4,6-dicarboxylato system by solvent-free approach. Dalton Transactions, 2015, 44, 6972-6986.	1.6	31
1209	1Dâ€“3D mixed-ligand frameworks with an unusual dmp topology tuned by intersection angles of isomeric benzenedicarboxylates: magnetic properties, gas-dependent calcination-thermolysis and energy storage performances. Dalton Transactions, 2015, 44, 9209-9220.	1.6	21
1210	A two-dimensional copper(II) coordination polymer based on 2-propyl-1H-imidazole-4,5-dicarboxylic acid. Acta Crystallographica Section C, Structural Chemistry, 2015, 71, 152-154.	0.2	3
1211	An intuitional hierarchical assembly of clusterâ€“organic frameworks with a thickness of 1.97 nm from a discrete Co₁₄ cluster. Chemical Communications, 2015, 51, 7598-7601.	2.2	23
1212	Pillared-bilayer porous coordination polymers of Zn(<scp>ii</scp>): enhanced hydrophobicity of pore surface by changing the pillar functionality. CrystEngComm, 2015, 17, 3478-3486.	1.3	23
1213	Water intrusionâ€“extrusion experiments in ZIF-8: impacts of the shape and particle size on the energetic performances. RSC Advances, 2015, 5, 31514-31518.	1.7	48
1214	A family of coordination polymers assembled with a flexible hexacarboxylate ligand and auxiliary N-donor ligands: syntheses, structures, and physical properties. CrystEngComm, 2015, 17, 3181-3196.	1.3	22
1215	Structural diversity in new coordination polymers modulated by semirigid ether-linked pyridine-phthalate building block and ancillary ligands: syntheses, structures, and luminescence properties. CrystEngComm, 2015, 17, 3117-3128.	1.3	18
1216	Dielectric and Raman investigations of structural phase transitions in (C₂H₅NH₃)₂CdCl₄. Physical Chemistry Chemical Physics, 2015, 17, 12207-12214.	1.3	31
1217	Synthesis, structures and magnetic properties of dimeric copper and trimeric cobalt complexes supported by bridging cinnamate and chelating phenanthroline. Comptes Rendus Chimie, 2015, 18, 530-539.	0.2	11
1218	Two coordination polymers of benzene-1,2,4,5-tetracarboxylic acid (H₄BTC): in situ ligand syntheses, structures, and luminescent properties. CrystEngComm, 2015, 17, 3519-3525.	1.3	16
1219	Photoactive Hybrid Polymer Films Incorporated with Lanthanide Complexes and ZIF-8 for Selectively Excited Multicolored Luminescence. European Journal of Inorganic Chemistry, 2015, 2015, 279-287.	1.0	10
1220	A highly thermal stable microporous lanthanideâ€“organic framework for CO2 sorption and separation. Inorganic Chemistry Communication, 2015, 61, 173-176.	1.8	3
1221	The geometry of intermolecular interactions in fluorine-containing 8-hydroxyquinoline cobalt(II) and copper(II) complexes: Synthesis, crystal structure and characterization. Journal of Fluorine Chemistry, 2015, 180, 168-174.	0.9	4
1222	Amide functionalized metalâ€“organic frameworks for diastereoselective nitroaldol (Henry) reaction in aqueous medium. RSC Advances, 2015, 5, 87400-87410.	1.7	43
1223	Self-assembly of heterometallic Ln^{III}â€“Co^{II}coordination polymers: syntheses, structures, and magnetic studies. Dalton Transactions, 2015, 44, 18856-18863.	1.6	10

#	Article	IF	Citations
1224	Magnetoelastic coupling in the cobalt adipate metalâ€“organic framework from quasi-harmonic lattice dynamics. Journal of Materials Chemistry C, 2015, 3, 11076-11080.	2.7	10
1225	Two 3-D Cd^{II}/Zn^{II} complexes based on mixed 1,1-cyclobutanedicarboxylate and 4,4â€²-bipyridine ligands. Journal of Coordination Chemistry, 2015, 68, 1947-1956.	0.8	3
1226	Lanthanide coordination polymer constructed from 2,2â€²-bipyridyl-4,4â€²-dicarboxylic acid: Structure, catalysis and fluorescence. Inorganica Chimica Acta, 2015, 437, 81-86.	1.2	13
1227	Functional metalâ€“bipyridinium frameworks: self-assembly and applications. Dalton Transactions, 2015, 44, 19041-19055.	1.6	116
1228	Two water-bridged cobalt(<scp>ii</scp>) chains with isomeric naphthoate spacers: from metamagnetic to single-chain magnetic behaviour. Dalton Transactions, 2015, 44, 19927-19934.	1.6	14
1229	A variety of metalâ€“organic and supramolecular networks constructed from a new flexible multifunctional building block bearing picolinate and terephthalate functionalities: hydrothermal self-assembly, structural features, magnetic and luminescent properties. RSC Advances, 2015, 5, 87484-87495.	1.7	25
1230	Halo and Pseudohalo Cu(I)-Pyridinato Double Chains with Tunable Physical Properties. Inorganic Chemistry, 2015, 54, 10738-10747.	1.9	19
1231	Structure and magnetic properties of the AB(HCO₂)₃ (A = Rb⁺ or) Tj ETQq1 1 0.784314 rgBT O the effect of size on the phase evolution of the ternary formates. CrystEngComm, 2015, 17, 8319-8326.	1.3	21
1232	Solvent-controlled formation of four Ni(<scp>ii</scp>) coordination polymers based on a flexible bis(imidazole) ligand: syntheses, structural diversification, properties. RSC Advances, 2015, 5, 81689-81695.	1.7	15
1233	A new 3D pillared-layer porous framework with intersecting open channels in the Co/triazolate/carboxylate system: Synthesis, structure and magnetism. Inorganic Chemistry Communication, 2015, 62, 47-50.	1.8	13
1234	Syntheses, Structures, and Photoluminescent Properties of Lanthanide Coordination Polymers Based on a Zwitterionic Aromatic Polycarboxylate Ligand. Crystal Growth and Design, 2015, 15, 4331-4340.	1.4	54
1235	A multifunctional microporous anionic metalâ€“organic framework for column-chromatographic dye separation and selective detection and adsorption of Cr³⁺. Journal of Materials Chemistry A, 2015, 3, 23426-23434.	5.2	117
1236	A synthetic and crystal structure study of a collection of coordination polymers based on alkaline aroylhydrazonates. Polyhedron, 2015, 100, 359-372.	1.0	7
1237	Can enantiomer ligands produce structurally distinct homochiral MOFs?. CrystEngComm, 2015, 17, 8202-8206.	1.3	18
1238	Cobalt and copper pyridylmethylphosphonates with two- and three-dimensional structures and field-induced magnetic transitions. Dalton Transactions, 2015, 44, 19256-19263.	1.6	4
1239	Incorporation of cisplatin into the metalâ€“organic frameworks UiO66-NH₂ and UiO66 â€“ encapsulation vs. conjugation. RSC Advances, 2015, 5, 83648-83656.	1.7	62
1240	Magnetic properties of manganese based one-dimensional spin chains. Dalton Transactions, 2015, 44, 19812-19819.	1.6	16
1241	Heterometallic coordination polymers: syntheses, structures and heterogeneous catalytic applications. New Journal of Chemistry, 2015, 39, 9772-9781.	1.4	28

#	Article	IF	Citations
1242	Syntheses, crystal structures and luminescent properties of Cu(II)/Zn(II) coordination polymers based on bis(1,2,4-triazol-1-ylmethyl)benzene position isomers and 5-nitroisophthalic acid. Polyhedron, 2015, 100, 251-256.	1.0	0
1243	Diverse isostructural MOFs by postsynthetic metal node metathesis: anionic-to-cationic framework conversion, luminescence and separation of dyes. Journal of Materials Chemistry A, 2015, 3, 22915-22922.	5.2	63
1244	Lithium Ion Diffusion in a Metalâ€“Organic Framework Mediated by an Ionic Liquid. Chemistry of Materials, 2015, 27, 7355-7361.	3.2	165
1245	EPR Study of Structural Phase Transition in Manganese-Doped [(CH₃)₂NH₂][Zn(HCOO)₃] Metalâ€“Organic Framework. Journal of Physical Chemistry C, 2015, 119, 24522-24528.	1.5	42
1246	Solvent-controlled structural diversity observed in three Cu(<scp>ii</scp>) MOFs with a 2,2â€²-dinitro-biphenyl-4,4â€²-dicarboxylate ligand: synthesis, structures and magnetism. RSC Advances, 2015, 5, 70772-70780.	1.7	29
1247	A two-dimensional cadmium(II) coordination polymer based on 5-(pyridin-4-yl)isophthalic acid: poly[[tetraaquabis[Î¼₃-5-(pyridin-4-yl)isophthalato]dicadmium(II)] pentahydrate]. Acta Crystallographica Section C, Structural Chemistry, 2015, 71, 834-838.	0.2	1
1248	Size- and morphology-controllable synthesis of MIL-96 (Al) by hydrolysis and coordination modulation of dual aluminium source and ligand systems. Dalton Transactions, 2015, 44, 16421-16429.	1.6	33
1249	A series of tetraazalene radical-bridged M₂(M = Cr^{III}, Mn^{II},) Tj ETQq1 1 0.784314 rgBT /Overlock Science, 2015, 6, 6639-6648.	3.7	66
1250	Diverse structures, magnetism and photoluminescence of four transition metal coordination compounds based on the semirigid 4-(pyridin-3-yloxy)-phthalic acid. Journal of Coordination Chemistry, 2015, 68, 3932-3944.	0.8	9
1251	Three manganese(II) coordination polymers with mixed donor ligands: synthesis, X-ray structures and luminescence properties. Transition Metal Chemistry, 2015, 40, 595-604.	0.7	6
1252	Synthesis and Structural Characterizations of New Coordination Polymers Generated by the Interaction Between the Trinuclear Triangular SBU [Cu₃(Î¼₃-OH)(Î¼-pz)₃]²⁺ and 4,4â€²-Bipyridine. 3Â°. Crystal Growth and Design, 2015, 15, 4854-4862.	1.4	21
1253	Magnetic ordering in TCNQ-based metalâ€“organic frameworks with hostâ€“guest interactions. Inorganic Chemistry Frontiers, 2015, 2, 904-911.	3.0	58
1254	Metalâ€“organic coordination architectures of tetrazole heterocycle ligands bearing acetate groups: Synthesis, characterization and magnetic properties. Journal of Solid State Chemistry, 2015, 232, 62-66.	1.4	4
1255	Racemic cobalt phosphonates incorporating flexible bis(imidazole) co-ligands. Dalton Transactions, 2015, 44, 18122-18129.	1.6	0
1256	A Nd-containing coordination ploymer: syntheses, crystal structure and application as a nucleating agent for isotactic polypropylene. RSC Advances, 2015, 5, 103123-103130.	1.7	2
1257	Structural specifics of light-induced metastable states in copper(<scp>ii</scp>)â€“nitroxide molecular magnets. Dalton Transactions, 2015, 44, 20883-20888.	1.6	15
1258	A 2D Semiquinone Radical-Containing Microporous Magnet with Solvent-Induced Switching from T_c = 26 to 80 K. Journal of the American Chemical Society, 2015, 137, 15699-15702.	6.6	164
1259	Highly effective chemosensor of a luminescent silica@lanthanide complex@MOF heterostructured composite for metal ion sensing. RSC Advances, 2015, 5, 101982-101988.	1.7	23

#	Article	IF	Citations
1260	Visible detection of explosive nitroaromatics facilitated by a large stokes shift of luminescence using europium and terbium doped yttrium based MOFs. RSC Advances, 2015, 5, 102076-102084.	1.7	53
1261	Construction of a series of lanthanide metalâ€“organic frameworks: synthesis, structure, luminescence and white light emission. CrystEngComm, 2015, 17, 9363-9369.	1.3	34
1262	New Zn(II) Coordination Polymers Constructed from Amino-Alcohols and Aromatic Dicarboxylic Acids: Synthesis, Structure, Photocatalytic Properties, and Solid-State Conversion to ZnO. Crystal Growth and Design, 2015, 15, 799-811.	1.4	18
1263	Synthesis, structure and catalytic application of lead(<scp>ii</scp>) complexes in cyanosilylation reactions. Dalton Transactions, 2015, 44, 268-280.	1.6	58
1264	Heterogeneous catalytic properties of unprecedented Î¼-O-[FeTCPP]₂dimers (H₂TCPP = meso-tetra(4-carboxyphenyl)porphyrin): an unusual superhyperfine EPR structure. Dalton Transactions, 2015, 44, 213-222.	1.6	22
1265	Synthesis, crystal structure and magnetic property of a new cobalt(II) vanadate. Journal of Solid State Chemistry, 2015, 225, 78-82.	1.4	9
1266	Coordination polymers of 5,5â€²-dithiobis(2-nitrobenzoic acid): Synthesis, structure and topology. Inorganica Chimica Acta, 2015, 426, 55-63.	1.2	4
1267	Zinc coordination polymers containing substituted isophthalate ligands and fragments from in situ hydrolysis of 4-pyridylisonicotinamide. Journal of Molecular Structure, 2015, 1083, 212-220.	1.8	1
1268	Syntheses, crystal structures and properties of series of 4dâ€“4f In(III)â€“Ag(I) heterometallic coordination polymers. Journal of Solid State Chemistry, 2015, 225, 24-30.	1.4	10
1269	Ab initio investigation of the affinity of novel bipyrazolate-based MOFs towards H₂and CO₂. CrystEngComm, 2015, 17, 448-455.	1.3	10
1270	Three 3D coordination polymers based on [1,1â€²:4â€²,1â€²â€²-terphenyl]-2â€²,4,4â€²â€²,5â€²-tetracarboxylate demonstrating magnetic properties and selective sensing of Al³⁺/Fe³⁺over mixed ions. RSC Advances, 2015, 5, 1605-1611.	1.7	23
1271	Synthesis, crystal structure and photoluminescent properties of a 3D Zn(II) coordination polymer. Inorganic Chemistry Communication, 2015, 52, 23-26.	1.8	7
1272	Novel two-dimensional Co(II) and Cd(II) coordination polymers with intriguing net topologies. Inorganic Chemistry Communication, 2015, 52, 16-19.	1.8	6
1273	Controllable assembly of three copper(II/I) metalâ€“organic frameworks based on N,Nâ€²-bis(4-pyridinecarboxamide)-1,2-cyclohexane and 4,4â€²-oxydibenzoic acid: From three-dimensional interpenetrating framework to one-dimensional infinite chain. Inorganica Chimica Acta, 2015, 426, 39-44.	1.2	10
1274	Sc₂(pydc)₂ unit based 1D, 2D and 3D metalâ€“organic frameworks as heterogeneous Lewis acid catalysts for cyanosilylation. Dalton Transactions, 2015, 44, 1942-1947.	1.6	30
1275	Formation of Lanthanide(III)-Containing Metallosupramolecular Arrays Induced by Tris(spiroborate) Twin Bowl. Crystal Growth and Design, 2015, 15, 384-389.	1.4	12
1276	Structural Diversity, Thermal Studies, and Luminescent Properties of Metal Complexes of Dinitrobenzoates: A Single Crystal to Single Crystal Transformation from Dimeric to Polymeric Complex of Copper(II). Crystal Growth and Design, 2015, 15, 79-93.	1.4	41
1277	Dynamic structural transformations of coordination supramolecular systems upon exogenous stimulation. Chemical Communications, 2015, 51, 2768-2781.	2.2	104

#	Article	IF	Citations
1278	Porous Coordination Polymers of Diverse Topologies Based on a Twisted Tetrapyridylbiaryl: Application as Nucleophilic Catalysts for Acetylation of Phenols. Chemistry - A European Journal, 2015, 21, 2241-2249.	1.7	29
1279	Four tetrazolate-based 3D frameworks with diverse subunits directed by inorganic anions and azido coligand: hydro/solvothermal syntheses, crystal structures, and magnetic properties. Dalton Transactions, 2015, 44, 2223-2233.	1.6	19
1280	Coordination assemblies of Cd^{II}with 2,2â€²:6â€²,2â€²â€²-terpyridine (terpy), 2,3,5,6-tetra-(2-pyridyl)pyrazine (tppz) and pseudohalide ions â€“ structural diversification and luminescence properties. CrystEngComm, 2015, 17, 830-845.	1.3	29
1281	Copper(<scp>ii</scp>) coordination polymers: tunable structures and a different activation effect of hydrogen peroxide for the degradation of methyl orange under visible light irradiation. Dalton Transactions, 2015, 44, 1406-1411.	1.6	38
1282	Three d10 metal coordination compounds based on pyrazole-3-carboxylic acid showing mixed-ligand characteristic: Syntheses, crystal structures, and photoluminescent properties. Inorganica Chimica Acta, 2015, 425, 28-35.	1.2	23
1283	Biomimicry in metalâ€“organic materials. Coordination Chemistry Reviews, 2015, 293-294, 327-356.	9.5	128
1284	Structural, elastic, thermal, and electronic responses of small-molecule-loaded metalâ€“organic framework materials. Journal of Materials Chemistry A, 2015, 3, 986-995.	5.2	42
1285	Ancillary ligand assisted self-assembly of coordination architectures of Mn(<scp>ii</scp>): the effect of the N-alkyl group on a tridentate ligand. Dalton Transactions, 2015, 44, 1203-1210.	1.6	12
1286	Photofunctional nanocomposites based on the functionalization of metalâ€“organic frameworks by up/down conversion luminescent nanophosphors. New Journal of Chemistry, 2015, 39, 1125-1131.	1.4	15
1287	A New Vanadium (V) Coordination Based on [(H2C4O4)VO2F] n 2nâ¯ Polymeric Chains and Diethylammonium Cations, Synthesis, Crystal Structure, Vibrational and Optical Properties. Journal of Cluster Science, 2015, 26, 1267-1278.	1.7	2
1288	Structural diversity and magnetic properties of three metalâ€“organic frameworks assembled from a T-shaped linker. CrystEngComm, 2015, 17, 604-611.	1.3	12
1289	Elastic properties and acoustic dissipation associated with a disorderâ€“order ferroelectric transition in a metalâ€“organic framework. CrystEngComm, 2015, 17, 370-374.	1.3	23
1290	Structural stability of metal organic frameworks in aqueous media â€“ Controlling factors and methods to improve hydrostability and hydrothermal cyclic stability. Microporous and Mesoporous Materials, 2015, 201, 61-90.	2.2	142
1291	A malonitrile-functionalized metal-organic framework for hydrogen sulfide detection and selective amino acid molecular recognition. Scientific Reports, 2014, 4, 4366.	1.6	100
1292	Schiff base coordination flexibility toward binary cobalt and ternary zinc complex assemblies. The case of the hexadentate ligand N,Nâ€²-bis[(2-hydroxybenzilideneamino)-propyl]-piperazine. Polyhedron, 2015, 85, 48-59.	1.0	19
1293	Removal of hazardous organics from water using metal-organic frameworks (MOFs): Plausible mechanisms for selective adsorptions. Journal of Hazardous Materials, 2015, 283, 329-339.	6.5	1,142
1294	A Cadmium Anionic 1-D Coordination Polymer {[Cd(H2O)6][Cd2(atr)2(Î¼2-btc)2(H2O)4] 2H2O}n within a 3-D Supramolecular Charge-Assisted Hydrogen-Bonded and Ï€-Stacking Network. Crystals, 2016, 6, 23.	1.0	13
1295	Technologies for Arsenic Removal from Water: Current Status and Future Perspectives. International Journal of Environmental Research and Public Health, 2016, 13, 62.	1.2	320

#	Article	IF	Citations
1296	A Family of Lanthanoid Dimers with Nitroanilato Bridges. Magnetochemistry, 2016, 2, 32.	1.0	18
1297	Bio-Inspired Metal-Organic Frameworks in the Pharmaceutical World: A Brief Review. , 0, , .		5
1298	Metal-Organic Frameworks as Materials for Fuel Cell Technologies. Nanostructure Science and Technology, 2016, , 367-407.	0.1	1
1299	Solvent Effect on the Assembly of Two Cadmium(II) Coordination Polymers Derived from 3,3â€²â€(Diazenediyl)dibenzoic Acid: Syntheses, Structures, Stabilities, and Photocatalytic Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2016, 642, 323-328.	0.6	8
1300	Design of 2D Porous Coordination Polymers Based on Metallacrown Units. Chemistry - A European Journal, 2016, 22, 6482-6486.	1.7	18
1301	New Ni(II) and Co(II) coordination compounds construction from the ditopic 1,2,3-triazol-based aromatic heterocyclic polycarboxylic ligand. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2016, 42, 385-391.	0.3	0
1302	The role of the substrate structure in the on-surface synthesis of organometallic and covalent oligophenylene chains. Physical Chemistry Chemical Physics, 2016, 18, 20627-20634.	1.3	32
1303	Nanomaterials for Fuel Cell Catalysis. Nanostructure Science and Technology, 2016, , .	0.1	11
1304	Synthesis of halide anionâ€doped bismuth terephthalate hybrids for organic pollutant removal. Applied Organometallic Chemistry, 2016, 30, 304-310.	1.7	13
1305	Research Progress of Metalâ€Organic Frameworks Based on Aromatic Polycarboxylic Acid. Chinese Journal of Chemistry, 2016, 34, 143-156.	2.6	19
1306	Bis(dithioline)-Based Metalâ€“Organic Frameworks with Superior Electronic and Magnetic Properties: Spin Frustration to Spintronics and Gas Sensing. Journal of Physical Chemistry C, 2016, 120, 28307-28319.	1.5	55
1307	Guest-Induced Two-Way Structural Transformation in a Layered Metalâ€“Organic Framework Thin Film. Journal of the American Chemical Society, 2016, 138, 16787-16793.	6.6	54
1308	Electronic Structure of Iron Porphyrin Adsorbed to the Pt(111) Surface. Journal of Physical Chemistry C, 2016, 120, 29173-29181.	1.5	13
1309	Synthesis of Iron Based Biocompatible Metal Organic Frameworks for Microencapsulation of Docetaxel. Nano Hybrids and Composites, 2016, 12, 74-78.	0.8	5
1310	Magnetic coupling in a hybrid Mn(<scp>ii</scp>) acetylene dicarboxylate. Physical Chemistry Chemical Physics, 2016, 18, 33329-33334.	1.3	4
1311	A three-dimensional accordion-like metalâ€“organic framework: synthesis and unconventional oriented growth on a surface. Chemical Communications, 2016, 52, 6017-6020.	2.2	18
1312	Multifunctional copper dimer: structure, band gap energy, catalysis, magnetism, oxygen reduction reaction and proton conductivity. RSC Advances, 2016, 6, 37515-37521.	1.7	11
1313	Chiral chemistry of metalâ€“camphorate frameworks. Chemical Society Reviews, 2016, 45, 3122-3144.	18.7	229

#	Article	IF	Citations
1314	Anion- and temperature-dependent assembly, crystal structures and luminescence properties of six new Cd(<scp>ii</scp>) coordination polymers based on 2,3,5,6-tetrakis(2-pyridyl)pyrazine. CrystEngComm, 2016, 18, 5164-5176.	1.3	24
1315	Structural, electronic and magnetic properties of metalâ€“organic-framework perovskites [AmH][Mn(HCOO)3]: a first-principles study. RSC Advances, 2016, 6, 48779-48787.	1.7	11
1316	Copper(I) thiocyanate networks with aromatic diimine ligands. Polyhedron, 2016, 115, 257-263.	1.0	9
1317	Recent advances in enzyme immobilization techniques: Metal-organic frameworks as novel substrates. Coordination Chemistry Reviews, 2016, 322, 30-40.	9.5	365
1318	Adsorbate-Induced Changes in Magnetic Interactions in Fe₂(dobdc) with Adsorbed Hydrocarbon Molecules. Journal of Physical Chemistry C, 2016, 120, 9933-9948.	1.5	15
1319	Scandium/Alkaline Metalâ€“Organic Frameworks: Adsorptive Properties and Ionic Conductivity. Chemistry of Materials, 2016, 28, 2519-2528.	3.2	68
1320	Selective CO₂adsorption in four zinc(<scp>ii</scp>)-based metal organic frameworks constructed using a rigid N,Nâ€²-donor linker and various dicarboxylate ligands. CrystEngComm, 2016, 18, 4395-4404.	1.3	25
1321	A Metal Coordination Polymer Based on Octanuclear Nickel Cluster Building Blocks: Synthesis, Structure and Magnetic Property. Journal of Cluster Science, 2016, 27, 1273-1281.	1.7	0
1322	Diverse Metalâ€“Organic Materials (MOMs) Based on 9,9â€²-Bianthryl-Dicarboxylic Acid Linker: Luminescence Properties and CO₂ Capture. Crystal Growth and Design, 2016, 16, 2024-2032.	1.4	19
1323	Metal-organic frameworks: structure, properties, methods of synthesis and characterization. Russian Chemical Reviews, 2016, 85, 280-307.	2.5	300
1324	Magnetism behaviours dominated by the interplay of magnetic anisotropy and exchange coupling in local CoII7 discs. Dalton Transactions, 2016, 45, 8134-8141.	1.6	13
1325	A Carboxylate-Rich Metalloligand and Its Heterometallic Coordination Polymers: Syntheses, Structures, Topologies, and Heterogeneous Catalysis. Crystal Growth and Design, 2016, 16, 2874-2886.	1.4	37
1326	Octanuclear Ni(<scp>ii</scp>) cubes based on halogen-substituted pyrazolates: synthesis, structure, electrochemistry and magnetism. CrystEngComm, 2016, 18, 3462-3471.	1.3	22
1327	Cuâ€“BTC@cotton composite: design and removal of ethion insecticide from water. RSC Advances, 2016, 6, 42324-42333.	1.7	150
1328	Tetracopper complexes with two-mode cubane-like Cu4O4 core from similar hydroxyl-rich salicylaldehyde Schiff bases: Structure and magnetic properties. Polyhedron, 2016, 110, 182-187.	1.0	8
1329	Four novel coordination frameworks with high degree of diamondoid interpenetration containing scarce quadruple-stranded homo-axis helices and quintuple-stranded molecular braids. Inorganica Chimica Acta, 2016, 448, 42-50.	1.2	6
1330	Effect of reaction conditions on the assembly, structures and fluorescent sensing behaviors of Cd(II) metal-organic complexes. Chemical Research in Chinese Universities, 2016, 32, 8-15.	1.3	6
1331	Three novel 3D pillared-layer molybdenum-oxide-based inorganicâ€“organic hybrids constructed by tetranuclear Zn4/Co4/Mo4 metal clusters. Inorganica Chimica Acta, 2016, 445, 160-166.	1.2	7

#	Article	IF	Citations
1332	Anion-induced structural transformation of a sulfate-incorporated 2D Cd(II)â€“organic framework. Journal of Solid State Chemistry, 2016, 239, 1-7.	1.4	11
1333	pH-Controlled assembly of two novel Dawson-sandwiched clusters involving the in situ reorganization of trivacant Î±-[P₂W₁₅O₅₆]^{12â^'} into divacant Î±-[P₂W₁₆O₅₇]^{8â^'}. Dalton Transactions, 2016, 45, 8404-8411.	1.6	23
1334	Syntheses, characterization, and luminescence properties of three novel Ag(<scp>i</scp>) coordination polymers based on polycarboxylic acid ligands and 1,3-di-(1,2,4-triazole-4-yl)benzene. CrystEngComm, 2016, 18, 4636-4642.	1.3	31
1335	A high-nuclearity metal-cyanide cluster [Mo₆Cu₁₄] with photomagnetic properties. Dalton Transactions, 2016, 45, 9412-9418.	1.6	17
1336	Synthesis, structures, and properties of Mn(II) and Cd(II) thiocyanato coordination compounds with 2,5-dimethylpyrazine as co-ligand. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2016, 71, 381-390.	0.3	2
1337	Synthesis, Crystal Structure, and Properties of a Cu Complex With 3,5-Pyridinedicarboxylic Acid and IMZ. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2016, 46, 1829-1833.	0.6	1
1338	Diverse Structures and Ferro-/Ferri-/Antiferromagnetic Interactions of Pyridyltetrazole Coordination Polymers with Polycarboxylate Auxiliary Ligands. Crystal Growth and Design, 2016, 16, 2912-2922.	1.4	57
1339	Systematic Study of Mutually Inclusive Influences of Temperature and Substitution on the Coordination Geometry of Co(II) in a Series of Coordination Polymers and Their Properties. Crystal Growth and Design, 2016, 16, 3170-3179.	1.4	37
1340	Synthesis, magnetism and spectral studies of six defective dicubane tetranuclear {M₄O₆} (M = Ni^{II}, Co^{II}, Zn^{II}) and three trinuclear Cd^{II} complexes with polydentate Schiff base ligands. Dalton Transactions, 2016, 45, 10233-10248.	1.6	38
1341	Green synthesis, optical and magnetic properties of a Mn^{II}metalâ€“organic framework (MOF) that exhibits high heat of H₂adsorption. RSC Advances, 2016, 6, 86468-86476.	1.7	18
1342	New red-luminescent cadmium coordination polymers with 4-amino-2,1,3-benzothiadiazole. Journal of Coordination Chemistry, 2016, 69, 3284-3293.	0.8	12
1343	The construction, structures, and functions of pillared layer metalâ€“organic frameworks. Inorganic Chemistry Frontiers, 2016, 3, 1208-1226.	3.0	83
1344	Networked Spin Cages: Tunable Magnetism and Lithium Ion Storage via Modulation of Spin-Electron Interactions. Inorganic Chemistry, 2016, 55, 9892-9897.	1.9	8
1345	Diverse CdII coordination complexes derived from bromide isophthalic acid binding with auxiliary N-donor ligands. Journal of Solid State Chemistry, 2016, 244, 12-19.	1.4	4
1346	Water linked 3D coordination polymers: Syntheses, structures and applications. Journal of Solid State Chemistry, 2016, 244, 151-159.	1.4	11
1347	A Water-Stable Metalâ€“Organic Framework for Highly Sensitive and Selective Sensing of Fe³⁺ Ion. Inorganic Chemistry, 2016, 55, 10580-10586.	1.9	230
1348	Tuning the luminescence performance of metalâ€“organic frameworks based on d¹⁰metal ions: from an inherent versatile behaviour to their response to external stimuli. CrystEngComm, 2016, 18, 8556-8573.	1.3	76
1349	Sorption discrimination between secondary alcohol enantiomers by chiral alkyl-dicarboxylate MOFs. RSC Advances, 2016, 6, 93707-93714.	1.7	7

#	Article	IF	Citations
1350	Biomimetic Transformation by a Crystal of a Chiral Mn^{II}â€“Cr^{III} Ferrimagnetic Prussian Blue Analogue. Chemistry of Materials, 2016, 28, 7029-7038.	3.2	25
1351	A series of coordination polymers with 2D â†' 3D interdigitated structures self-assembled from 1,4-bis(4-(imidazole-1-yl)benzyl)piperazine. Inorganica Chimica Acta, 2016, 453, 385-393.	1.2	6
1352	A study on proton conduction in a layered metalâ€“organic framework, Rb 2 (adp)[Zn 2 (ox) 3]Â·3H 2 O (adp = adipic acid, ox 2â^' = oxalate). Inorganic Chemistry Communication, 2016, 72, 138-140.	1.8	18
1353	Reactive adsorption of low concentration methyl mercaptan on a Cu-based MOF with controllable size and shape. RSC Advances, 2016, 6, 96997-97003.	1.7	33
1354	Designing Multifunctional 5-Cyanoisophthalate-Based Coordination Polymers as Single-Molecule Magnets, Adsorbents, and Luminescent Materials. Inorganic Chemistry, 2016, 55, 11230-11248.	1.9	46
1355	Crystal structure, solvothermal synthesis, thermogravimetric studies and DFT calculations of a five-coordinate cobalt(II) compound based on theN,N-bis(2-hydroxyethyl)glycine anion. Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 1463-1467.	0.2	2
1356	Reversible Water-Induced Structural and Magnetic Transformations and Selective Water Adsorption Properties of Poly(manganese 1,1â€²-ferrocenediyl-bis(H-phosphinate)). Crystal Growth and Design, 2016, 16, 5084-5090.	1.4	34
1357	Novel manganese(<scp>ii</scp>) and cobalt(<scp>ii</scp>) 2D polymers containing alternating chains with mixed azide and carboxylate bridges: crystal structure and magnetic properties. RSC Advances, 2016, 6, 72326-72332.	1.7	11
1358	Chemistry in confined spaces: reactivity of the Zn-MOF-74 channels. Journal of Materials Chemistry A, 2016, 4, 13176-13182.	5.2	7
1359	Structural Diversity and Magnetic Properties of Seven Coordination Polymers Based on the 2,2â€²-Phosphinico-dibenzoate Ligand. Crystal Growth and Design, 2016, 16, 5184-5193.	1.4	27
1360	Syntheses, structures, and magnetic properties of three new cyano-bridged heterobimetallic chains based on [Fe(Tp*)(CN)₃]^{â^'}. New Journal of Chemistry, 2016, 40, 8451-8458.	1.4	7
1361	1D and 2D Znâ€“Ln coordination polymers based on compartment compounds: [ZnLn(L)(NO3)2(4-ppa)(EtOH)] and [ZnLn(L)(NO3)2(4-pca)(H2O)] (Ln = Eu, Tb; H2L =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.0	12
1362	Synthesis, structure and magnetism of two metal(II) compounds based on two new zwitterionic ligands. Inorganica Chimica Acta, 2016, 451, 116-122.	1.2	9
1363	Thermal and spectroscopic (IR, XPS) properties of lanthanide(III) benzene-1,3,5-triacetate complexes. Journal of Thermal Analysis and Calorimetry, 2016, 126, 327-342.	2.0	43
1364	A 3D Cd(II)-organic coordination polymer demonstrating selective sensing of Zn2+ ion and nitrobenzene. Inorganica Chimica Acta, 2016, 453, 305-309.	1.2	8
1365	Crystal engineering of zinc and cadmium coordination polymers via a mixed-ligand strategy regulated by aromatic rigid/flexible dicarboxylate ancillary ligands and metal ionic radii: Tuning structure, dimension and photoluminescence properties. Polyhedron, 2016, 119, 55-70.	1.0	23
1366	Metal nuclearity affects network connectivity: a series of highly connected metalâ€“organic frameworks based on polynuclear metal clusters as secondary building units. CrystEngComm, 2016, 18, 8182-8193.	1.3	12
1367	Highly thermostable lanthanide(<scp>iii</scp>) MOFs constructed from 4,4â€²,4â€²â€²-s-triazine-2,4,6-triyl-tribenzoate ligand: synthesis, structure, and tunable white-light emission. CrystEngComm, 2016, 18, 7728-7736.	1.3	28

#	Article	IF	Citations
1368	Self-assembly of metalâ€“organic coordination structures on surfaces. Progress in Surface Science, 2016, 91, 101-135.	3.8	212
1369	Two porous coordination polymers containing helix-based metal-organic nanotubes based on trigonal N-donor ligand. Inorganic Chemistry Communication, 2016, 72, 65-68.	1.8	13
1370	EPR of Structural Phase Transition in Manganese- and Copper-Doped Formate Framework of [NH₃(CH₂)₄NH₃][Zn(HCOO)₃]₂. Journal of Physical Chemistry C, 2016, 120, 19751-19758.	1.5	19
1371	Two metal-organic frameworks with different configurations constructed from a flexible tripodal triaromatic acid. Journal of Molecular Structure, 2016, 1125, 656-661.	1.8	4
1372	A rigid organic ligand-induced POMCP with a helical self-penetrating structure as a redox and acid catalyst. CrystEngComm, 2016, 18, 7049-7055.	1.3	14
1373	A new strategy to obtain tetranuclear cobalt(<scp>ii</scp>) metalâ€“organic frameworks based on the [Co₄(Î¼₃-OH)₂] cluster: synthesis, structures and properties. Dalton Transactions, 2016, 45, 15078-15088.	1.6	42
1374	Silver(I) Architectures Based on Rigid Terpyridylâ€Carboxyl Ligands: Synthesis, Crystal Structure and Electrochemical Properties. Chinese Journal of Chemistry, 2016, 34, 1027-1032.	2.6	3
1375	Eyeâ€Catching Dualâ€Fluorescent Dynamic Metalâ€“Organic Framework Senses Traces of Water: Experimental Findings and Theoretical Correlation. Chemistry - A European Journal, 2016, 22, 14998-15005.	1.7	69
1376	Ferroelectricity in Metalâ€“Organic Frameworks: Characterization and Mechanisms. European Journal of Inorganic Chemistry, 2016, 2016, 4332-4344.	1.0	82
1377	Enantioenriched Cobalt Phosphonate Containing Î”-Type Chains and Showing Slow Magnetization Relaxation. Inorganic Chemistry, 2016, 55, 9521-9523.	1.9	11
1378	Half-metallicity in 2D organometallic honeycomb frameworks. Journal of Physics Condensed Matter, 2016, 28, 425301.	0.7	9
1379	Construction of 3-Fold-Interpenetrated Three-Dimensional Metalâ€“Organic Frameworks of Nickel(II) for Highly Efficient Capture and Conversion of Carbon Dioxide. Inorganic Chemistry, 2016, 55, 9757-9766.	1.9	78
1380	Photofunctional hybrid based lanthanide functionalized metal-organic frameworks by ion exchange and coordination modification for luminescent sensing. Inorganic Chemistry Communication, 2016, 70, 189-192.	1.8	17
1381	Windmill Co₄{Co₄(Î¼₄-â€O)} with 16 Divergent Branches Forming a Family of Metalâ€“Organic Frameworks: Organic Metrics Control Topology, Gas Sorption, and Magnetism. Chemistry - A European Journal, 2016, 22, 12088-12094.	1.7	34
1382	Functionalized phosphonates as building units for multi-dimensional homo- and heterometallic 3dâ€“4f inorganicâ€“organic hybrid-materials. Dalton Transactions, 2016, 45, 12854-12861.	1.6	9
1383	Fe-pyridinedicarboxylate based coordination polymer nanorods as a heterogeneous Fenton catalyst for pollutant degradation. RSC Advances, 2016, 6, 68227-68230.	1.7	8
1384	Crystal growth and characterization studies of novel luminescent 2D coordination polymer of lead-benzilate possessing edge sharing PbO6 polyhedra. Journal of Molecular Structure, 2016, 1125, 73-78.	1.8	9
1385	Synthesis of nanomaterials with desirable morphologies from metalâ€“organic frameworks for various applications. CrystEngComm, 2016, 18, 7410-7424.	1.3	83

#	Article	IF	Citations
1386	Emerging Multifunctional Metalâ€“Organic Framework Materials. Advanced Materials, 2016, 28, 8819-8860.	11.1	1,227
1387	Layered nickel metalâ€“organic framework for high performance alkaline battery-supercapacitor hybrid devices. Journal of Materials Chemistry A, 2016, 4, 13344-13351.	5.2	231
1388	3D Magnetically Ordered Open Supramolecular Architectures Based on Ferrimagnetic Cu/Adenine/Hydroxide Heptameric Wheels. Inorganic Chemistry, 2016, 55, 7755-7763.	1.9	17
1389	Nonvolatile Bipolar Resistive Switching Behavior in the Perovskite-like (CH3NH3)2FeCl4. ACS Applied Materials & Interfaces, 2016, 8, 18985-18990.	4.0	17
1390	Synthesis of [Mg 2 (DOBDC)(DMF) 2]@polystyrene composite and its carbon dioxide adsorption. Microporous and Mesoporous Materials, 2016, 232, 161-166.	2.2	13
1391	A high performance non-noble metal electrocatalyst for the oxygen reduction reaction derived from a metal organic framework. Chinese Journal of Catalysis, 2016, 37, 1127-1133.	6.9	17
1392	Synthesis, crystal structure, and magnetic properties of a two-fold interpenetrated diamondoid open framework. Journal of Solid State Chemistry, 2016, 242, 8-13.	1.4	2
1393	Solvent-Controlled Assembly of Ionic Metalâ€“Organic Frameworks Based on Indium and Tetracarboxylate Ligand: Topology Variety and Gas Sorption Properties. Crystal Growth and Design, 2016, 16, 5554-5562.	1.4	46
1394	Furnishing Amine-Functionalized Metalâ€“Organic Frameworks with the Î²-Amidoketone Group by Postsynthetic Modification. Inorganic Chemistry, 2016, 55, 10839-10842.	1.9	18
1396	Multifunctional Metalâ€“Organic Frameworks with Fluorescent Sensing and Selective Adsorption Properties. Inorganic Chemistry, 2016, 55, 11821-11830.	1.9	103
1397	Metalloligands to material: design strategies and network topologies. CrystEngComm, 2016, 18, 9185-9208.	1.3	33
1398	New polynuclear compounds based on N-benzyliminodipropionic acid: solution studies, synthesis, and X-ray crystal structures. Journal of Coordination Chemistry, 2016, 69, 3650-3663.	0.8	5
1400	Six Flexible and Rigid Co(II) Coordination Networks with Dicarboxylate and Nicotinamide-Like Ligands: Impact of Noncovalent Interactions in Retention of Dimethylformamide Solvent. Crystal Growth and Design, 2016, 16, 7011-7024.	1.4	14
1401	Dependence of the SBU length on the size of metal ions in alkaline earth MOFs derived from a flexible C₃-symmetric tricarboxylic acid. CrystEngComm, 2016, 18, 9130-9138.	1.3	23
1402	Continuous-Wave Single-Crystal Electron Paramagnetic Resonance of Adsorption of Gases to Cupric Ions in the Zn(II)-Doped Porous Coordination Polymer Cu_{2.965}Zn_{0.035}(btc)₂. Journal of Physical Chemistry C, 2016, 120, 27399-27411.	1.5	11
1403	Electron Paramagnetic Resonance Study of Guest Molecule-Influenced Magnetism in Kagome Metalâ€“Organic Framework. Journal of Physical Chemistry C, 2016, 120, 27462-27467.	1.5	9
1404	A Multiâ€responsive Regenerable Europiumâ€“Organic Framework Luminescent Sensor for Fe³⁺, Cr^{VI} Anions, and Picric Acid. Chemistry - A European Journal, 2016, 22, 18769-18776.	1.7	242
1405	A novel MOF/BiFeO₃ composite as a catalyst for efficient and selective oxidation of alcohols. RSC Advances, 2016, 6, 99096-99104.	1.7	7

#	Article	IF	Citations
1406	Hydrophobicityâ€Driven Selfâ€Assembly of an Eighteenâ€Membered Honeycomb Lattice with Almost Classical Spins. Chemistry - A European Journal, 2016, 22, 14846-14850.	1.7	12
1407	Organicâ€“inorganic supramolecular solid catalyst boosts organic reactions in water. Nature Communications, 2016, 7, 10835.	5.8	49
1408	Ferro- or antiferromagnetic interactions controlled by ditopic or chelating auxiliary ligands in 3D metalâ€“organic frameworks. Dalton Transactions, 2016, 45, 18696-18703.	1.6	6
1409	Adamantane-based Bidendate Metal Complexes in Crystalline and Solution State. Analytical Sciences, 2016, 32, 1347-1352.	0.8	4
1410	Helical Coordination Polymers Based on A Tripodal Nâ€donor Ligand. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2016, 642, 128-133.	0.6	2
1411	Sorption Behavior and Magnetic Properties of A Heterometallic Organic Framework with Octahedral Cages and Oneâ€Dimensional Channels. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2016, 642, 579-582.	0.6	4
1412	Crystal structures, topological analysis and luminescence properties of three coordination polymers based on a semi-rigid ligand and N-donor ligand linkers. New Journal of Chemistry, 2016, 40, 5957-5965.	1.4	19
1413	High hydroxide conductivity in a chemically stable crystalline metalâ€“organic framework containing a water-hydroxide supramolecular chain. Chemical Communications, 2016, 52, 8459-8462.	2.2	32
1414	Lanthanide metalâ€“organic frameworks based on a 1,2,3-triazole-containing tricarboxylic acid ligand for luminescence sensing of metal ions and nitroaromatic compounds. RSC Advances, 2016, 6, 57828-57834.	1.7	36
1415	Conversion of Ni Nd and Ni Tb compartment compounds into one-dimensional coordination polymers or tetranuclear dimers. Polyhedron, 2016, 117, 231-243.	1.0	12
1416	Expanded Porous Metalâ€“Organic Frameworks by SCSC: Organic Building Units Modifying and Enhanced Gas-Adsorption Properties. Inorganic Chemistry, 2016, 55, 6420-6425.	1.9	33
1417	Liquid-phase selective oxidation catalysis with metal-organic frameworks. Catalysis Today, 2016, 278, 22-29.	2.2	48
1418	Different magnetic responses observed in CoII4, CoII3 and CoII1-based MOFs. Dalton Transactions, 2016, 45, 11864-11875.	1.6	13
1419	Two Isostructural Metalâ€“Organic Frameworks Directed by the Different Center Metal Ions, Exhibiting the Ferrimagnetic Behavior and Slow Magnetic Relaxation. Inorganic Chemistry, 2016, 55, 6592-6596.	1.9	45
1420	A Clear Insight into the Distinguishing CO₂ Capture by Two Isostructural Dy^{III}â€“Carboxylate Coordination Frameworks. Inorganic Chemistry, 2016, 55, 6352-6354.	1.9	23
1421	Future prospects of luminescent nanomaterial based security inks: from synthesis to anti-counterfeiting applications. Nanoscale, 2016, 8, 14297-14340.	2.8	378
1422	Two Series of Lanthanide Coordination Polymers with 2-Methylenesuccinate: Magnetic Refrigerant, Slow Magnetic Relaxation, and Luminescence Properties. Crystal Growth and Design, 2016, 16, 4574-4581.	1.4	57
1423	Cluster assisted water dissociation mechanism in MOF-74 and controlling it using helium. Journal of Materials Chemistry A, 2016, 4, 11524-11530.	5.2	10

#	Article	IF	Citations
1424	A new approach for the facile preparation of metalâ€“organic framework composites directly contacting with metal nanoparticles through arc plasma deposition. Chemical Communications, 2016, 52, 8385-8388.	2.2	24
1425	Unsubstituted and substituted copper malonate coordination polymers with isomeric dipyridylamide ligands: Chain, layer, diamondoid, and self-penetrated topologies. Inorganica Chimica Acta, 2016, 446, 176-188.	1.2	3
1426	2D coordination polymer composed of 1D {NiII(Î¼-O)(Î¼-H2O)NiII} ferromagnetic chains: Modulation of magnetic properties based on dehydration and rehydration. Polyhedron, 2016, 115, 276-281.	1.0	4
1427	Construction of magnet-type coordination polymers using high-spin {Ni₄}-citrate cubane as secondary building units. Dalton Transactions, 2016, 45, 10798-10806.	1.6	9
1428	A gadolinium MOF acting as a multi-responsive and highly selective luminescent sensor for detecting o-, m-, and p-nitrophenol and Fe³⁺ ions in the aqueous phase. RSC Advances, 2016, 6, 61725-61731.	1.7	70
1429	HCl chemisorption-induced drastic magneto-structural transformation in a layered cobaltâ€“phosphonotriazolate coordination polymer. Dalton Transactions, 2016, 45, 10510-10513.	1.6	7
1430	Structural phase transition in perovskite metalâ€“formate frameworks: a Potts-type model with dipolar interactions. Physical Chemistry Chemical Physics, 2016, 18, 18528-18535.	1.3	40
1431	Anion directed structural diversity in zinc complexes with conformationally flexible quinazoline ligand: structural, spectral and theoretical studies. Dalton Transactions, 2016, 45, 12053-12068.	1.6	10
1432	Metalâ€Organic Frameworkâ€Based Nanomaterials for Electrocatalysis. Advanced Energy Materials, 2016, 6, 1600423.	10.2	539
1433	Assessment of the energetic performances of various ZIFs with SOD or RHO topology using high pressure water intrusionâ€“extrusion experiments. Dalton Transactions, 2016, 45, 4392-4400.	1.6	39
1434	Cluster- and chain-based magnetic MOFs derived from 3d metal ions and 1,3,5-benzenetricarboxylate. New Journal of Chemistry, 2016, 40, 2680-2686.	1.4	12
1435	Zinc(II) and Cobalt(II) Coordination Polymers Constructed by 1,3,5-Tris(imidazol-1-ylmethyl)benzene and 1,3,5-Benzenetricarboxylic Acid: Effect of Metal Ions on the Conformation of Ligand. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2016, 46, 1455-1461.	0.6	1
1436	A luminescent metalâ€“organic framework for selective sensing of Fe3+ with excellent recyclability. Inorganic Chemistry Communication, 2016, 65, 9-12.	1.8	39
1437	Two new three-dimensional metalâ€“organic frameworks with 4-connected diamondoid and unusual (6,16)-connected net topologies based on planar tetranuclear squares as secondary building units. CrystEngComm, 2016, 18, 1174-1183.	1.3	15
1438	First-principles investigation of hydrogen storage on lead(II)-based metal-organic framework. International Journal of Hydrogen Energy, 2016, 41, 2711-2719.	3.8	13
1439	An unprecedented 2D copper(i)â€“cyanide complex with 20-membered metal rings: the effect of the co-ligand 4,5-diazafluoren-9-one. Dalton Transactions, 2016, 45, 2796-2799.	1.6	4
1440	Hierarchical Assembly of a {Mn^{II}₁₅Mn^{III}₄} Brucite Disc: Step-by-Step Formation and Ferrimagnetism. Journal of the American Chemical Society, 2016, 138, 1328-1334.	6.6	179
1441	Significant enhancement of gas uptake capacity and selectivity via the judicious increase of open metal sites and Lewis basic sites within two polyhedron-based metalâ€“organic frameworks. Chemical Communications, 2016, 52, 3223-3226.	2.2	70

#	Article	IF	Citations
1442	Synthesis, Crystal Structure, and Magnetic Properties of a Chiral Cyanide-Bridged Bimetallic Framework K₃[Mn^{II}(<scp>l</scp>-asp)]₆[Cr^{III}(CN)₆]Â·2H₂O. Inorganic Chemistry, 2016, 55, 300-306.	1.9	8
1443	From pink to blue and back to pink again: changing the Co(<scp>ii</scp>) ligation in a two-dimensional coordination network upon desolvation. CrystEngComm, 2016, 18, 384-389.	1.3	14
1444	A series of Zn(<scp>ii</scp>) and Cd(<scp>ii</scp>) coordination compounds based on 4-(4H-1,2,4-triazol-4-yl)benzoic acid: synthesis, structure and photoluminescence properties. CrystEngComm, 2016, 18, 130-142.	1.3	16
1445	Preparation and applications of novel composites composed of metalâ€“organic frameworks and two-dimensional materials. Chemical Communications, 2016, 52, 1555-1562.	2.2	56
1446	Constraining the coordination geometries of lanthanide centers and magnetic building blocks in frameworks: a new strategy for molecular nanomagnets. Chemical Society Reviews, 2016, 45, 2423-2439.	18.7	381
1447	Three orders of magnitude enhancement of proton conductivity of porous coordination polymers by incorporating ion-pairs into a framework. Dalton Transactions, 2016, 45, 7893-7899.	1.6	12
1448	Two Zinc(II) Coordination Polymers Based on 1,3,5-Tris(imidazole-1-yl)benzene and Phenylene-Diacetate Isomers. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2016, 46, 1473-1479.	0.6	2
1449	Lanthanide-based coordination polymers as promising heterogeneous catalysts for ring-opening reactions. RSC Advances, 2016, 6, 21352-21361.	1.7	32
1450	Coordination networks incorporating halogen-bond donor sites and azobenzene groups. CrystEngComm, 2016, 18, 2251-2257.	1.3	8
1451	Crystal structure, magnetism, and dielectric properties based on the axially chiral ligand 2,2â€²-dinitro-4,4â€²-biphenyldicarboxylic acid. CrystEngComm, 2016, 18, 1944-1952.	1.3	27
1452	Structural variation of transition metal coordination polymers based on bent carboxylate and flexible spacer ligand: polymorphism, gas adsorption and SC-SC transmetallation. CrystEngComm, 2016, 18, 4323-4335.	1.3	30
1453	Progressive Transformation between Two Magnetic Ground States for One Crystal Structure of a Chiral Molecular Magnet. Inorganic Chemistry, 2016, 55, 3047-3057.	1.9	8
1454	Syntheses and structures of three entangled coordination polymers based on the bifunctional ligand 4-((3-(pyridin-4-yl)-1H-pyrazol-1-yl)methyl)benzoic acid. Inorganica Chimica Acta, 2016, 444, 56-62.	1.2	2
1455	Metalâ€“Organic Frameworks with Pyridyl-Based Isophthalic Acid and Their Catalytic Applications in Microwave Assisted Peroxidative Oxidation of Alcohols and Henry Reaction. Crystal Growth and Design, 2016, 16, 1837-1849.	1.4	94
1456	Synthesis, structure, and properties of a 3D porous Zn(<scp>ii</scp>) MOF constructed from a terpyridine-based ligand. RSC Advances, 2016, 6, 16575-16580.	1.7	21
1457	Structural insights into the coordination chemistry and reactivity of a 3,3â€²-bis-imine-2,2â€²-bipyridine ligand. CrystEngComm, 2016, 18, 1892-1903.	1.3	4
1458	Construction of 2D interwoven and 3D metalâ€“organic frameworks (MOFs) of Cd(<scp>ii</scp>): the effect of ancillary ligands on the structure and the catalytic performance for the Knoevenagel reaction. RSC Advances, 2016, 6, 28854-28864.	1.7	28
1459	A review on contemporary Metalâ€“Organic Framework materials. Inorganica Chimica Acta, 2016, 446, 61-74.	1.2	300

#	Article	IF	Citations
1460	Multifunctional chemical sensors and luminescent thermometers based on lanthanide metalâ€“organic framework materials. CrystEngComm, 2016, 18, 2690-2700.	1.3	68
1461	Novel photo- and/or thermochromic MOFs derived from bipyridinium carboxylate ligands. Inorganic Chemistry Frontiers, 2016, 3, 814-820.	3.0	59
1462	Understanding and controlling water stability of MOF-74. Journal of Materials Chemistry A, 2016, 4, 5176-5183.	5.2	155
1463	Ionic liquid tethered post functionalized ZIF-90 framework for the cycloaddition of propylene oxide and CO₂. Green Chemistry, 2016, 18, 2479-2487.	4.6	174
1464	40-Fold Enhanced Intrinsic Proton Conductivity in Coordination Polymers with the Same Proton-Conducting Pathway by Tuning Metal Cation Nodes. Inorganic Chemistry, 2016, 55, 983-986.	1.9	68
1465	A 3D Heterometallic Coordination Polymer Constructed by Trimeric {NiDy₂} Single-Molecule Magnet Units. Inorganic Chemistry, 2016, 55, 1202-1207.	1.9	76
1466	Two cobalt complexes derived from 1 H -1,2,3-triazole-4,5-dicarboxylic acid: Syntheses, structures and magnetic properties. Inorganic Chemistry Communication, 2016, 65, 59-62.	1.8	7
1467	Tetranuclear Zn(II) and mononuclear Ni(II) based coordination polymers derived from a pair of isomeric 1,2,4-triazole ligands 3,5-disubstituted by pyridine and acetate ethyl ester groups. Polyhedron, 2016, 106, 138-143.	1.0	3
1468	Kinetic molecular sieving, thermodynamic and structural aspects of gas/vapor sorption on metal organic framework [Ni1.5(4,4â€²-bipyridine)1.5(H3L)(H2O)3][H2O]7 where H6L = 2,4,6-trimethylbenzene-1,3,5-triyl tris(methylene)triphosphonic acid. Journal of Materials Chemistry A, 2016, 4, 1353-1365.	5.2	26
1469	A simple but efficient strategy to enhance hydrostability of intensely fluorescent Mg-based coordination polymer (CP) via forming a composite of CP with hydrophobic PVDF. Dalton Transactions, 2016, 45, 3372-3379.	1.6	8
1470	Azide-bridged Cu(<scp>ii</scp>), Mn(<scp>ii</scp>) and Co(<scp>ii</scp>) coordination polymers constructed with a bifunctional ligand of 6-(1H-tetrazol-5-yl)-2,2â€²-bipyridine. Dalton Transactions, 2016, 45, 3388-3397.	1.6	19
1471	Nickel(II) and manganese(II) metalâ€“organic networks driven by 2,2â€²-bipyridine-5,5â€²-dicarboxylate blocks: synthesis, structural features, and magnetic properties. Transition Metal Chemistry, 2016, 41, 153-160.	0.7	7
1472	Structures and magnetism of two copper(II) compounds with mixed hydroxido-carboxylate bridges derived from isomeric pyridylbenzoate N-oxide ligands. Inorganica Chimica Acta, 2016, 440, 21-25.	1.2	4
1473	MOF-71 as a degradation product in single crystal to single crystal transformation of new three-dimensional Co(<scp>ii</scp>) 1,4-benzenedicarboxylate. CrystEngComm, 2016, 18, 38-41.	1.3	22
1474	Two-dimensional coordination polymers and metalâ€“organic gels of symmetrical and unsymmetrical dipyridyl Î²-diketones: luminescence, dye absorption and mechanical properties. New Journal of Chemistry, 2016, 40, 1997-2006.	1.4	10
1475	MOF-like supramolecular network of Mn3 single-molecule magnets formed by extensive Ï€â€“Ï€ stacking. Polyhedron, 2016, 103, 150-156.	1.0	8
1476	Improved synthesis of trigone trimer cluster metal organic framework MIL-100Al by a later entry of methyl groups. Chemical Communications, 2016, 52, 725-728.	2.2	13
1477	Synthesis and Crystal Structures of Co(II) Complexes Derived From Two Unsymmetrical Bis-Heterocyclic Ligands With Benzimidazole Moiety. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2016, 46, 787-793.	0.6	0

#	Article	IF	Citations
1478	Two cadmium(II) coordination polymers constructed from dicarboxylate and bis(imidazole) ligands: Syntheses, crystal structures, luminescence and photocatalytic properties. Inorganica Chimica Acta, 2016, 439, 130-137.	1.2	17
1479	Effect of temperature on hydrogen and carbon dioxide adsorption hysteresis in an ultramicroporous MOF. Microporous and Mesoporous Materials, 2016, 219, 186-189.	2.2	35
1480	Diverse Structures and Physicochemical Properties of Four Zincâ€“Tripyridyltriazole Coordination Polymers Regulated by Counter-Ions. Australian Journal of Chemistry, 2016, 69, 33.	0.5	1
1481	Microwave Synthesis of a photoluminescent Metal-Organic Framework based on a rigid tetraphosphonate linker. Inorganica Chimica Acta, 2017, 455, 584-594.	1.2	16
1482	Study of the detection of bisphenol A based on a nano-sized metalâ€“organic framework crystal and an aptamer. Analytical Methods, 2017, 9, 906-909.	1.3	22
1483	A Flexible Porous MOF Exhibiting Reversible Breathing Behavior through Singleâ€Crystal to Singleâ€Crystal Transformation. ChemistrySelect, 2017, 2, 283-287.	0.7	8
1484	Syntheses, structures, luminescent and photocatalytic properties of two Zn(II) coordination polymers assembled with mixed bridging N-donors and 2-(4-carboxyphenyl)-4,5-imidazole dicarboxylic acid ligand. Journal of Molecular Structure, 2017, 1134, 504-510.	1.8	11
1485	Application of metalâ€‰â^'â€‰organic frameworks. Polymer International, 2017, 66, 731-744.	1.6	163
1486	Anionic Lanthanide MOFs as a Platform for Iron-Selective Sensing, Systematic Color Tuning, and Efficient Nanoparticle Catalysis. Inorganic Chemistry, 2017, 56, 1402-1411.	1.9	157
1487	Syntheses, structural diversities and characterization of a series of coordination polymers with two isomeric oxadiazol-pyridine ligands. RSC Advances, 2017, 7, 9704-9718.	1.7	17
1488	A series of coordination polymers based on terphenyl tetracarboxylates and bis-pyridyl ligands with water vapor sorption properties. RSC Advances, 2017, 7, 975-984.	1.7	6
1489	Vitamin B3 metal-organic frameworks as potential delivery vehicles for therapeutic nitric oxide. Acta Biomaterialia, 2017, 51, 66-74.	4.1	46
1490	Six new coordination compounds based on rigid 5-(3-carboxy-phenyl)-pyridine-2-carboxylic acid: synthesis, structural variations and properties. RSC Advances, 2017, 7, 7217-7226.	1.7	15
1491	2D Conductive Iron-Quinoid Magnets Ordering up to T_c = 105 K via Heterogenous Redox Chemistry. Journal of the American Chemical Society, 2017, 139, 4175-4184.	6.6	196
1492	Facile synthesis of an ultra-stable metalâ€“organic framework with excellent acid and base resistance. Faraday Discussions, 2017, 201, 63-70.	1.6	14
1493	Synthesis, structure, and property of a two-dimensional layer coordination polymer on Ag(I). Inorganic and Nano-Metal Chemistry, 2017, 47, 801-805.	0.9	2
1494	Fieldâ€Dependent Magnetic Behaviour in Mn^{II}(dicarboxylate)â€(bipyridyl)â€type 3D Metalâ€“Organic Frameworks with Interpenetrated Structures. ChemistrySelect, 2017, 2, 2322-2329.	0.7	6
1495	Synthesis, structures and photoluminescence properties of mixed ligand divalent metalâ€“organic frameworks. New Journal of Chemistry, 2017, 41, 2980-2986.	1.4	6

#	Article	IF	Citations
1496	Molecular magnetism, quo vadis? A historical perspective from a coordination chemist viewpointâ˜†. Coordination Chemistry Reviews, 2017, 339, 17-103.	9.5	279
1497	Three coordination frameworks with copper formate based low dimensional motifs: synthesis, structure and magnetic properties. CrystEngComm, 2017, 19, 1831-1838.	1.3	4
1498	A new Cu-based metal-organic framework built upon infinite 1D rod-shaped secondary building units. Inorganic Chemistry Communication, 2017, 78, 25-27.	1.8	3
1499	Confined condensation synthesis and magnetic properties of layered copper hydroxide frameworks. Dalton Transactions, 2017, 46, 3363-3368.	1.6	3
1500	Fluorescence detection of Mn²⁺, Cr₂O₇^{2â^'}and nitroexplosives and photocatalytic degradation of methyl violet and rhodamine B based on two stable metalâ€“organic frameworks. RSC Advances, 2017, 7, 10415-10423.	1.7	69
1501	Syntheses, structures, luminescent and photocatalytic properties of various polymers based on a â€œVâ€•shaped dicarboxylic acid. RSC Advances, 2017, 7, 4855-4871.	1.7	29
1502	Incorporation of Molecular Catalysts in Metalâ€“Organic Frameworks for Highly Efficient Heterogeneous Catalysis. Advanced Materials, 2017, 29, 1605446.	11.1	275
1503	Incorporation of Pyrazine and Bipyridine Linkers with High-Spin Fe(II) and Co(II) in a Metalâ€“Organic Framework. Inorganic Chemistry, 2017, 56, 3349-3356.	1.9	19
1504	Coexistence of spin ordering on ladders and spin dimer formation in a new-structure-type compound Sr2Co3S2O3. Scientific Reports, 2017, 7, 43767.	1.6	8
1505	Syntheses, structures, and magnetic properties of cobalt(II) and nickel(II) coordination polymers based on a V-shaped ligand. Journal of Solid State Chemistry, 2017, 250, 6-13.	1.4	3
1506	Detection of polychlorinated benzenes (persistent organic pollutants) by a luminescent sensor based on a lanthanide metalâ€“organic framework. Journal of Materials Chemistry A, 2017, 5, 5541-5549.	5.2	160
1507	Ship-in-a-bottle CMPO in MIL-101(Cr) for selective uranium recovery from aqueous streams through adsorption. Journal of Hazardous Materials, 2017, 335, 1-9.	6.5	90
1508	Synthesis, structural characterization and computational studies of catena-poly[chlorido[Î¼₃-(pyridin-1-ium-3-yl)phosphonato-Îº³O:Oâ€²:Oâ€²â€²]zinc(II)]. Acta Crystallographica Section C, Structural Chemistry, 2017, 73, 363-368.	0.2	0
1509	Selective Luminescenceâ€Based Detection of Cd²⁺ and Zn²⁺ Ions in Water Using a Protonâ€Transferred Coordination Polymerâ€Amine Conjugate Pair. ChemistrySelect, 2017, 2, 3388-3395.	0.7	6
1510	Two isomorphous Co(ii) coordination polymers based on new Î±,Î±-disubstituted derivatives of zoledronic acid: synthesis, structures and properties. Dalton Transactions, 2017, 46, 6900-6911.	1.6	11
1511	Development of Mixed metal Metal-organic polyhedra networks, colloids, and MOFs and their Pharmacokinetic applications. Scientific Reports, 2017, 7, 832.	1.6	28
1512	Cage amines in the metalâ€“organic frameworks chemistry. Pure and Applied Chemistry, 2017, 89, 1049-1064.	0.9	12
1513	Mechanical properties of a gallium fumarate metalâ€“organic framework: a joint experimental-modelling exploration. Journal of Materials Chemistry A, 2017, 5, 11047-11054.	5.2	27

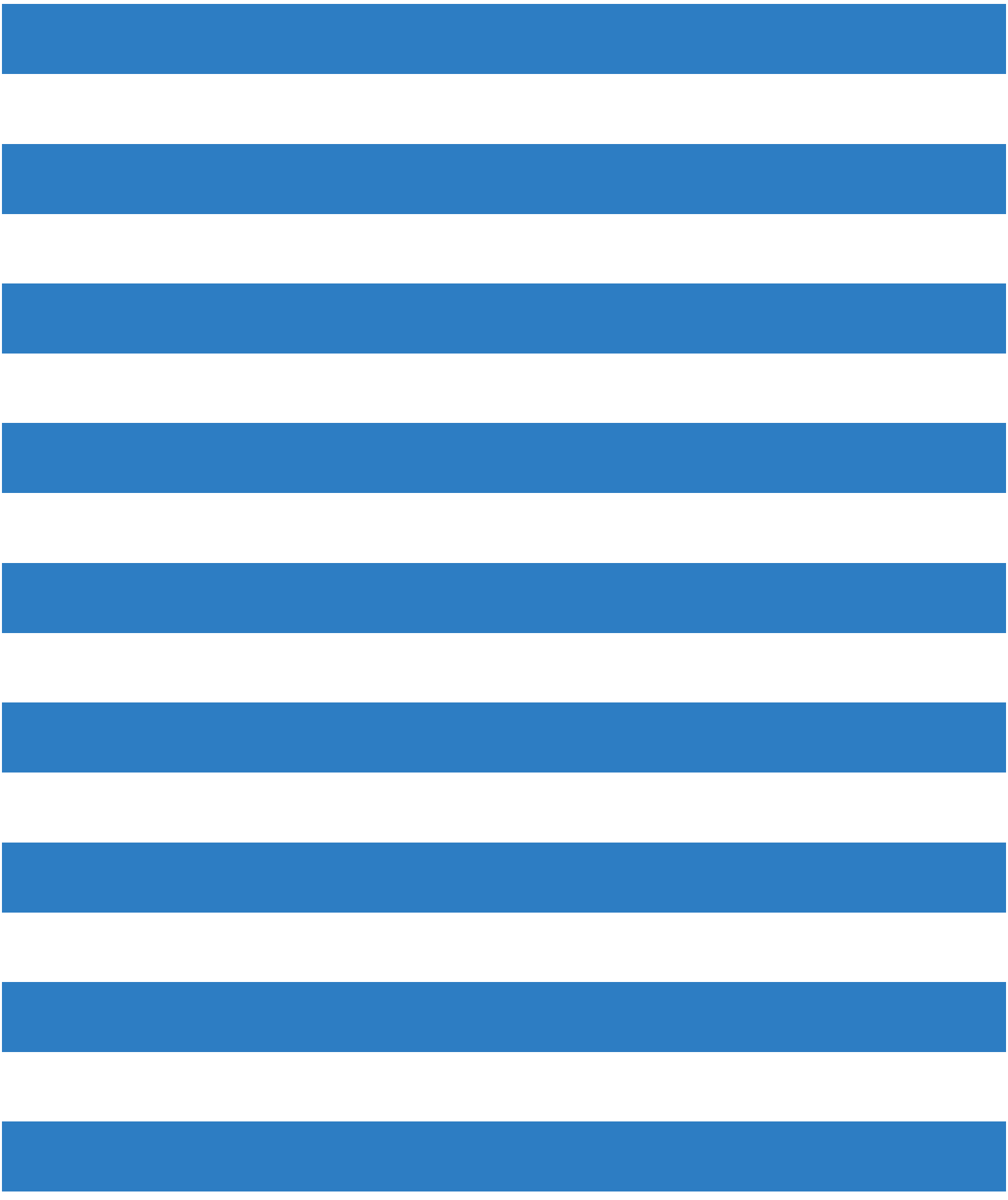
#	Article	IF	Citations
1514	A novel lanthanide MOF thin film: The highly performance self-calibrating luminescent sensor for detecting formaldehyde as an illegal preservative in aquatic product. Sensors and Actuators B: Chemical, 2017, 251, 667-673.	4.0	53
1515	Enhancing Proton Conductivity in a 3D Metalâ€“Organic Framework by the Cooperation of Guest [Me₂NH₂]⁺ Cations, Water Molecules, and Host Carboxylates. Crystal Growth and Design, 2017, 17, 3556-3561.	1.4	50
1516	Five Multidimensional Co(II)-Complexes (Zero-Dimensional to Three-Dimensional) Derived from an Asymmetric 5-(Pyridin-3-yl)-1H-pyrazole-3-carboxylic Acid: Syntheses, Structures, and Magnetic Properties. Crystal Growth and Design, 2017, 17, 2975-2986.	1.4	45
1517	Interpenetrated Metalâ€“Organic Frameworks of Cobalt(II): Structural Diversity, Selective Capture, and Conversion of CO₂. Crystal Growth and Design, 2017, 17, 3295-3305.	1.4	53
1518	An updated roadmap for the integration of metalâ€“organic frameworks with electronic devices and chemical sensors. Chemical Society Reviews, 2017, 46, 3185-3241.	18.7	987
1519	Magnetic Tuning of an Anionic Co^{II}â€MOF through Deionization of the Framework: Spinâ€Canting, Spinâ€Flop, and Easyâ€Plane Magnetic Anisotropy. Chemistry - A European Journal, 2017, 23, 767-772.	1.7	20
1520	Cu3(BTC)2 catalyzed dehydrogenative coupling of dimethylphenylsilane with phenol and homocoupling of dimethylphenylsilane to disiloxane. Journal of Colloid and Interface Science, 2017, 490, 430-435.	5.0	16
1521	An Effective Method to Construct Clusterâ€based Frameworks with Multifarious Structures, Luminescence, and Sorption Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 166-170.	0.6	3
1522	Two New Luminescent Cd(II)-Metalâ€“Organic Frameworks as Bifunctional Chemosensors for Detection of Cations Fe³⁺, Anions CrO₄^{2â€“}, and Cr₂O₇^{2â€“} in Aqueous Solution. Crystal Growth and Design, 2017, 17, 67-72.	1.4	295
1523	A 3D metalâ€“organic framework built from vanadate clusters and diamond chains showing weak ferromagnetic single-chain-magnet like behavior. Journal of Materials Chemistry C, 2017, 5, 513-517.	2.7	14
1524	Anodized Aluminum Oxide Templated Synthesis of Metalâ€“Organic Frameworks Used as Membrane Reactors. Angewandte Chemie - International Edition, 2017, 56, 578-581.	7.2	57
1525	Green synthesis of multi metal- citrate complexes and their characterization. Journal of Molecular Structure, 2017, 1133, 90-94.	1.8	3
1526	Control of Interchain Antiferromagnetic Coupling in Porous Co(II)-Based Metalâ€“Organic Frameworks by Tuning the Aromatic Linker Length: How Far Does Magnetic Interaction Propagate?. Inorganic Chemistry, 2017, 56, 7443-7448.	1.9	13
1527	Stimuliâ€Responsive Metalâ€“Organic Framework (MOF) with Chemoâ€Switchable Properties for Colorimetric Detection of CHCl₃. Chemistry - A European Journal, 2017, 23, 12559-12564.	1.7	68
1528	Understanding the Photochemical Response of Zeolitic Imidazolate Framework-8 in the Sight of Framework, Uncoordinated 2-Methylimidazole and ZnxOy Clusters. Journal of Physical Chemistry C, 2017, 121, 12278-12284.	1.5	5
1529	A substituent effect of phenylacetic acid coligand perturbed structures and magnetic properties observed in two triple-bridged azido-Cu(<scp>ii</scp>) chain compounds with ferromagnetic ordering and slow magnetic relaxation. Dalton Transactions, 2017, 46, 7556-7566.	1.6	17
1530	Photoluminescence and magnetic analysis of a family of lanthanide(<scp>iii</scp>) complexes based on diclofenac. New Journal of Chemistry, 2017, 41, 5467-5475.	1.4	19
1531	Molecular tectonics: from a binuclear metallamacrocycle to a 1D isostructural coordination network based on tetracyanomethyl[1.1.1.1]metacyclophane and a silver cation. Mendeleev Communications, 2017, 27, 260-262.	0.6	6

#	Article	IF	Citations
1532	Synthesis, spectral and X-ray diffraction of two new 2D lead(II) coordination polymers formed by nicotinic acid N-oxide linkers. Journal of Molecular Structure, 2017, 1149, 92-98.	1.8	21
1533	A spin-frustrated (4, 12)-connected metal-organic framework with unusual {Co8(Î¼4-OH)6}10+ cubes. Inorganic Chemistry Communication, 2017, 83, 27-30.	1.8	7
1534	A NbO type Cu(<scp>ii</scp>) metalâ€“organic framework showing efficient catalytic activity in the FriedlÃnder and Henry reactions. Dalton Transactions, 2017, 46, 7782-7790.	1.6	40
1535	Combining Polycarboxylate and Bipyridyl-like Ligands in the Design of Luminescent Zinc and Cadmium Based Metalâ€“Organic Frameworks. Crystal Growth and Design, 2017, 17, 3893-3906.	1.4	42
1536	Synthesis and characterization of novel polymeric organicâ€“inorganic complex framework based on sodium 2,4-dioxo-6-aryl-3-oxa-bicyclo[3.1.0]hexane-1,5-dicarboxylate (SDAOBDC) with three-dimensional hybrid networks. Journal of the Iranian Chemical Society, 2017, 14, 2143-2156.	1.2	4
1537	Lanthanide metal-organic frameworks as multifunctional luminescent sensor for detecting cations, anions and organic solvent molecules in aqueous solution. Journal of Solid State Chemistry, 2017, 253, 202-210.	1.4	26
1538	Tunability in Metal Coordination Sphere, Ligand Coordination Mode, Network Topology, and Magnetism via Stepwise Dehydration Induced Single-Crystal to Single-Crystal Transformation. Crystal Growth and Design, 2017, 17, 3724-3730.	1.4	12
1539	Magnetic Induction Framework Synthesis: A General Route to the Controlled Growth of Metalâ€“Organic Frameworks. Chemistry of Materials, 2017, 29, 6186-6190.	3.2	34
1540	Fluorescent sensing and selective adsorption properties of metalâ€“organic frameworks with mixed tricarboxylate and 1H-imidazol-4-yl-containing ligands. Dalton Transactions, 2017, 46, 9022-9029.	1.6	56
1541	Spectrally-resolved third-harmonic generation and the fundamental role of Oâ€“Hâ‹¯Cl hydrogen bonding in Oh, Td-cobalt(ii) tetraphenylmethane-based coordination polymers. Dalton Transactions, 2017, 46, 9349-9357.	1.6	11
1542	Nanoscale crystalline architectures of Hofmann-type metalâ€“organic frameworks. Coordination Chemistry Reviews, 2017, 346, 123-138.	9.5	80
1543	Syntheses, Structures and Characterization of Four Metal-Organic Frameworks constructed by 2,2â€²,6,6â€²-Tetramethoxy-4,4â€²-biphenyldicarboxylic Acid. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 612-618.	0.6	2
1544	Effect of the apical ligand on the geometry and magnetic properties of copper(<scp>ii</scp>)/mesoxalate trinuclear units. Dalton Transactions, 2017, 46, 5260-5268.	1.6	5
1545	Linker Functionalization in MIL-47(V)-R Metalâ€“Organic Frameworks: Understanding the Electronic Structure. Journal of Physical Chemistry C, 2017, 121, 8014-8022.	1.5	10
1546	Porous Metalâ€organic Framework based on Stripâ€shaped Manganese(II) Chains: Synthesis, Structure, and Magnetic Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 548-552.	0.6	4
1547	Two manganese(II) coordination polymers containing semirigid bis(benzimidazole) ligands: synthesis, crystal structures, and catalytic properties. Transition Metal Chemistry, 2017, 42, 413-419.	0.7	4
1548	Exploring the Coordination Capabilities of a Family of Flexible Benzotriazole-Based Ligands Using Cobalt(II) Sources. Crystal Growth and Design, 2017, 17, 2718-2729.	1.4	13
1549	Built-in TTFâ€“TCNQ charge-transfer salts in Ï€-stacked pillared layer frameworks. CrystEngComm, 2017, 19, 2300-2304.	1.3	17

#	Article	IF	Citations
1550	Synthesis and Characterization of Two New Mononuclear Complexes of Cobalt(II) with 7-Azaindole. Journal of Chemical Crystallography, 2017, 47, 22-29.	0.5	2
1551	Enhancement of guest-responsivity by mesocrystallization of porous coordination polymers. Journal of Materials Chemistry C, 2017, 5, 3706-3713.	2.7	7
1552	Five new 2D and 3D coordination polymers based on two new multifunctional pyridylâ€“tricarboxylate ligands: hydrothermal syntheses, structural diversity, luminescent and magnetic properties. RSC Advances, 2017, 7, 19039-19049.	1.7	20
1553	Synthesis, structure and luminescent properties of halogenated isophthalic acid-directed frameworks in virtue of flexible and semiflexible N-containing ligands. Journal of Molecular Structure, 2017, 1139, 202-208.	1.8	0
1554	Embedding 1D or 2D cobaltâ€“carboxylate substrates in 3D coordination polymers exhibiting slow magnetic relaxation behaviors: crystal structures, high-field EPR, and magnetic studies. Dalton Transactions, 2017, 46, 4786-4795.	1.6	10
1555	A metalâ€“organic-framework/carbon composite with enhanced bifunctional electrocatalytic activities towards oxygen reduction/evolution reactions. International Journal of Hydrogen Energy, 2017, 42, 17376-17385.	3.8	55
1556	Cation dependent charge transport in linear dicarboxylate based isotypical 1D coordination polymers. RSC Advances, 2017, 7, 10369-10375.	1.7	40
1557	Multifunctional Zinc Metalâ€“Organic Framework Based on Designed H₄TCPP Ligand with Aggregation-Induced Emission Effect: CO₂ Adsorption, Luminescence, and Sensing Property. Crystal Growth and Design, 2017, 17, 2090-2096.	1.4	84
1558	From isolated to 2D coordination polymers based on 6-aminonicotinate and 3d-metal ions: towards field-induced single-ion-magnets. CrystEngComm, 2017, 19, 2229-2242.	1.3	28
1559	A magnetisation and MÃ¶ssbauer study of triazole (M_{1â^'x}²⁺M_x³⁺)M³⁺F₅(Htaz)_{1â^'x}(taz)_x weberites (M = Fe, Co, Mn, Zn, Ga, V). Dalton Transactions, 2017, 46, 5352-5362.	1.6	9
1560	Anodized Aluminum Oxide Templated Synthesis of Metalâ€“Organic Frameworks Used as Membrane Reactors. Angewandte Chemie, 2017, 129, 593-596.	1.6	18
1561	Transitions of two magnetic interaction states in dinuclear Dy(<scp>iii</scp>) complexes via subtle structural variations. Dalton Transactions, 2017, 46, 638-642.	1.6	47
1562	Syntheses, crystal structures, properties of metal coordination polymers based on a novel semi-rigid aromatic carboxylate ligand. Polyhedron, 2017, 124, 145-155.	1.0	12
1563	Probing Molecular Mechanisms of Self-Assembly in Metalâ€“Organic Frameworks. ACS Nano, 2017, 11, 258-268.	7.3	41
1564	Luminescent Metalâ€“Organic Framework Sensor: Exceptional Cd²⁺ Turnâ€On Detection and First In Situ Visualization of Cd²⁺ Ion Diffusion into a Crystal. Chemistry - A European Journal, 2017, 23, 4803-4809.	1.7	32
1565	Recent advances in guest effects on spin-crossover behavior in Hofmann-type metal-organic frameworks. Coordination Chemistry Reviews, 2017, 335, 28-43.	9.5	312
1566	ZIF-67 incorporated with carbon derived from pomelo peels: A highly efficient bifunctional catalyst for oxygen reduction/evolution reactions. Applied Catalysis B: Environmental, 2017, 205, 55-67.	10.8	149
1567	Construction of 3D homochiral metalâ€“organic frameworks (MOFs) of Cd(<scp>ii</scp>): selective CO₂adsorption and catalytic properties for the Knoevenagel and Henry reaction. Inorganic Chemistry Frontiers, 2017, 4, 348-359.	3.0	57

#	Article	IF	Citations
1568	Siloxane-based metalâ€“organic frameworks with remarkable catalytic activity in mild environmental photodegradation of azo dyes. Applied Catalysis B: Environmental, 2017, 205, 78-92.	10.8	62
1569	Concomitant Formation of Compositionally Distinct Coordination Polymers Based on a Triacid Linker: Solventâ€Mediated Metamorphosis. European Journal of Inorganic Chemistry, 2017, 2017, 1163-1170.	1.0	2
1570	Transitionâ€Metal Dependent Cation Disorder in the Chiral Cubic AB(HCO₂)₃ Metalâ€Organic Frameworks (A = Li or Na, B =) Tj ETQq0 0 0 rgBT /Overlock	2.6	5
1571	Linking cobaltâ€“water chains with cis-1,4-cyclohexanedicarboxylate bridges to form a 2D network exhibiting spin-canted antiferromagnetism. New Journal of Chemistry, 2017, 41, 457-461.	1.4	13
1572	Composite MOF mixture as volatile organic compound sensor â€“ A new approach to LMOF sensors. Materials Letters, 2017, 190, 33-36.	1.3	7
1573	Thermodynamic properties of 3D copper(II)-MOFs assembled by 1H-tetrazole. Journal of Thermal Analysis and Calorimetry, 2017, 128, 1175-1182.	2.0	4
1574	Three isostructural coordination polymers and highly selective fluorescent probe for Ag+ in aqueous media. Inorganica Chimica Acta, 2017, 457, 41-45.	1.2	8
1575	Coligand modifications fine-tuned the structure and magnetic properties of two triple-bridged azido-Cu(<scp>ii</scp>) chain compounds exhibiting ferromagnetic ordering and slow relaxation. Dalton Transactions, 2017, 46, 1207-1217.	1.6	64
1576	Single-molecule magnetism arising from cobalt(<scp>ii</scp>) nodes of a crystalline sponge. Journal of Materials Chemistry C, 2017, 5, 835-841.	2.7	64
1577	Fullymeta-Substituted 4,4â€²-Biphenyldicarboxylate-Based Metal-Organic Frameworks: Synthesis, Structures, and Catalytic Activities. European Journal of Inorganic Chemistry, 2017, 2017, 1478-1487.	1.0	10
1578	Synthesis and characterization of layered metal sulfates containing MII3(Î¼₃-OH/F)₂(M = Mg, Co) diamond chains. Dalton Transactions, 2017, 46, 1105-1111.	1.6	5
1579	Quantifying Thermal Disorder in Metalâ€“Organic Frameworks: Lattice Dynamics and Molecular Dynamics Simulations of Hybrid Formate Perovskites. Journal of Physical Chemistry C, 2017, 121, 421-429.	1.5	16
1580	Structural Diversity in Six Mixed Ligand Zn(II) Metalâ€“Organic Frameworks Constructed by Rigid and Flexible Dicarboxylates and Different N,Nâ€² Donor Ligands. Crystal Growth and Design, 2017, 17, 6613-6624.	1.4	43
1581	Three Types of Lanthanide Coordination Polymers with Methylmalonate and Isonicotinate as Coligands: Structures, Luminescence, and Magnetic Properties. Crystal Growth and Design, 2017, 17, 6752-6761.	1.4	26
1582	Two 3D coordination complexes containing metal-triazolate helical chains: Synthesis, structure, fluorescence and NLO properties. Inorganic Chemistry Communication, 2017, 86, 31-34.	1.8	3
1583	Spectroscopic Evidence for Superexchange in the Ferrimagnetic Spinel FeCr₂S₄. Journal of Physical Chemistry C, 2017, 121, 22369-22376.	1.5	8
1584	Effect of Molecular Guest Binding on the dâ€“d Transitions of Ni²⁺ of CPO-27-Ni: A Combined UVâ€“Vis, Resonant-Valence-to-Core X-ray Emission Spectroscopy, and Theoretical Study. Inorganic Chemistry, 2017, 56, 14408-14425.	1.9	22
1585	Syntheses, structures and photoluminescence properties of two 2D Cd(II) coordination polymers based on a semirigid tridentate N-donor ligand. Inorganic Chemistry Communication, 2017, 86, 204-208.	1.8	4

#	Article	IF	Citations
1586	Magnetic structure and spin-wave excitations in the multiferroic magnetic metal-organic framework <mml:math		



#	Article	IF	Citations
1604	Six Co(II) Coordination Polymers Based on Two Isomeric Semirigid Ether-Linked Aromatic Tetracarboxylate Acid: Syntheses, Structural Comparison, and Magnetic Properties. Crystal Growth and Design, 2017, 17, 5533-5543.	1.4	29
1605	The development of a promising photosensitive Schottky barrier diode using a novel Cd(<scp>ii</scp>) based coordination polymer. Dalton Transactions, 2017, 46, 13531-13543.	1.6	49
1606	Synthesis and photophysical study of an octahedral silver(I) 1-D coordination polymer with thiocarboxylic-acid-based ligands. Polyhedron, 2017, 137, 347-352.	1.0	1
1607	Marriage of phthalocyanine chemistry with lanthanides: a single-ion magnet with a blocking temperature up to 25 K. Inorganic Chemistry Frontiers, 2017, 4, 1950-1952.	3.0	5
1608	A new strongly paramagnetic cerium-containing microporous MOF for CO₂ fixation under ambient conditions. Dalton Transactions, 2017, 46, 13783-13792.	1.6	88
1609	Synthesis and characterization of a multifunctional inorganicâ€“organic hybrid mixed-valence copper(I/II) coordination polymer: {[CuCN][Cu(isonic) 2]} n. Journal of Solid State Chemistry, 2017, 256, 14-18.	1.4	4
1610	Mn^{II} and Co^{II} Coordination Polymers Showing Field-Dependent Magnetism and Slow Magnetic Relaxation Behavior. Crystal Growth and Design, 2017, 17, 4393-4404.	1.4	46
1611	Nanosheets of Two-Dimensional Magnetic and Conducting Fe(II)/Fe(III) Mixed-Valence Metalâ€“Organic Frameworks. ACS Applied Materials & Interfaces, 2017, 9, 26210-26218.	4.0	89
1612	Multistimuli Response Microâ€•and Nanolayers of a Coordination Polymer Based on Cu₂I₂ Chains Linked by 2â€Aminopyrazine. Small, 2017, 13, 1700965.	5.2	43
1613	Two new coordination polymers based on a flexible bib ligand: Structures and magnetic properties. Journal of Molecular Structure, 2017, 1147, 192-196.	1.8	6
1614	Advances of Metalâ€Organic Frameworks in Energy and Environmental Applications. Chinese Journal of Chemistry, 2017, 35, 1501-1511.	2.6	37
1615	Tuning the Spin Coupling Interactions in the Nitroxideâ€Based Bisphenolâ€Like Diradicals. ChemPhysChem, 2017, 18, 2487-2498.	1.0	9
1616	Ferromagnetic ordering and slow magnetic relaxation observed in a triple-bridged azido-Cu(<scp>ii</scp>) chain compound with mixed carboxylate/ethanol linkers. New Journal of Chemistry, 2017, 41, 9631-9638.	1.4	17
1617	Recent advances on supramolecular isomerism in metal organic frameworks. CrystEngComm, 2017, 19, 4666-4695.	1.3	66
1618	One Pranoprofen drug-based metal coordination polymer: Synthesis, structure and properties. Polyhedron, 2017, 133, 336-342.	1.0	4
1619	Structural Diversity in Zn(II) Coordination Polymers Constructed by Linear N,Nâ€²â€Donor Linker and Different Pseudohalides: Sorption Study and Luminescent Properties. ChemistrySelect, 2017, 2, 5783-5792.	0.7	3
1620	Highly Selective Aqueous Phase Detection of Azinphosâ€Methyl Pesticide in ppb Level Using a Cageâ€Connected 3D MOF. ChemistrySelect, 2017, 2, 5760-5768.	0.7	37
1621	Thiocyanate cadmium(II) coordination compounds with 2,3,5,6-tetrakis(2-pyridyl)pyrazine â€“ Synthesis, structure and luminescent properties. Polyhedron, 2017, 135, 109-120.	1.0	23

#	Article	IF	Citations
1622	Anti-UV Radiation Textiles Designed by Embracing with Nano-MIL (Ti, In)â€“Metal Organic Framework. ACS Applied Materials & Interfaces, 2017, 9, 28034-28045.	4.0	157
1623	Homochiral metalâ€organic frameworks based on amino acid ligands for HPLC separation of enantiomers. Electrophoresis, 2017, 38, 2513-2520.	1.3	57
1624	Structural Diversification of Lightâ€Metal Coordination Polymers Using 4â€(Methylsulfonyl)benzoate with a Chargeâ€Polarized Neutral Methylsulfonyl Coordination Moiety. European Journal of Inorganic Chemistry, 2017, 2017, 4013-4019.	1.0	1
1625	Large pyroelectric and thermal expansion coefficients in the [(CH3)2NH2]Mn (HCOO)3 metal-organic framework. Applied Physics Letters, 2017, 111, .	1.5	16
1626	Alkali-Metal-Mediated Frameworks Based on Bis(2,6-pyridinedicarboxylate)cobalt(II) Species. European Journal of Inorganic Chemistry, 2017, 2017, 3736-3743.	1.0	7
1627	Pre-synthesized secondary building units in the rational synthesis of porous coordination polymers. Mendeleev Communications, 2017, 27, 321-331.	0.6	43
1628	A magnetically-separable H 3 PW 12 O 40 @Fe 3 O 4 /EN-MIL-101 catalyst for the one-pot solventless synthesis of 2H-indazolo[2,1- b] phthalazine-triones. Molecular Catalysis, 2017, 440, 96-106.	1.0	42
1629	Co-Crystallization of Achiral Components into Chiral Network by Supramolecular Interactions: Coordination Complexes â€“ Organic Radical. Crystal Growth and Design, 2017, 17, 4893-4899.	1.4	13
1630	Magnetic diversity in three-dimensional two-fold-interpenetrated structures: a story of two compounds. Dalton Transactions, 2017, 46, 12804-12810.	1.6	8
1631	A Recyclable Metalâ€“Organic Framework as a Dual Detector and Adsorbent for Ammonia. Chemistry - A European Journal, 2017, 23, 13602-13606.	1.7	52
1632	Metalâ€“organic frameworks meet scalable and sustainable synthesis. Green Chemistry, 2017, 19, 2729-2747.	4.6	327
1633	Ligand Effect on the Single-Molecule Magnetism of Tetranuclear Co(II) Cubane. Inorganic Chemistry, 2017, 56, 15178-15186.	1.9	33
1634	Neutral Luminescent Metal-Organic Frameworks: Structural Diversification, Photophysical Properties, and Sensing Applications. Inorganic Chemistry, 2017, 56, 14556-14566.	1.9	71
1635	Luminescent sulfonate coordination polymers: synthesis, structural analysis and selective sensing of nitroaromatic compounds. CrystEngComm, 2017, 19, 7009-7020.	1.3	25
1636	Tuning the luminescence of two 3dâ€“4f metalâ€“organic frameworks for the fast response and highly selective detection of aniline. Dalton Transactions, 2017, 46, 16432-16438.	1.6	60
1637	Magnetic Phase Switching in a Tetraoxolene-Bridged Honeycomb Ferrimagnet Using a Lithium Ion Battery System. Chemistry of Materials, 2017, 29, 10053-10059.	3.2	31
1638	A new Tb(iii)-functionalized layer-like Cd MOF as luminescent probe for high-selectively sensing of Cr3+. CrystEngComm, 2017, 19, 7270-7276.	1.3	33
1639	3-(Pyridin-4-yl)acetylacetone: a donor ligand towards mercury(II) halides and a versatile linker for complex materials. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2017, 73, 981-991.	0.5	5

#	Article	IF	Citations
1640	METAL-ORGANIC FRAMEWORKS MEMBRANES. Series on Chemical Engineering, 2017, , 80-109.	0.2	0
1641	Syntheses, structures, and properties of four novel Ag(I) coordination polymers based on 2,6-dimethylpyrazine and benzene dicarboxylates. Inorganic Chemistry Communication, 2017, 86, 192-199.	1.8	13
1642	Designing Single-Ion Magnets and Phosphorescent Materials with 1-Methylimidazole-5-carboxylate and Transition-Metal Ions. Inorganic Chemistry, 2017, 56, 13897-13912.	1.9	20
1643	Spontaneous Magnetization in Heterometallic NiFe-MOF-74 Microporous Magnets by Controlled Iron Doping. Chemistry of Materials, 2017, 29, 6181-6185.	3.2	28
1644	High-performance adsorption and separation of anionic dyes in water using a chemically stable graphene-like metalâ€“organic framework. Dalton Transactions, 2017, 46, 10197-10201.	1.6	102
1645	Two 3D Supramolecular Coordination Polymers Constructed from Aromatic Carboxylic Acids and Flexible Bis(thiabendazole) Ligands. Journal of Inorganic and Organometallic Polymers and Materials, 2017, 27, 934-940.	1.9	4
1646	Synthesis and Characterization of Terephthalic Acid Based Cr3+, Sb3+, In3+ and V3+ Metal-Organic Frameworks. Journal of Inorganic and Organometallic Polymers and Materials, 2017, 27, 1333-1341.	1.9	15
1647	Metal organic framework-supported N -heterocyclic carbene palladium complex: A highly efficient and reusable heterogeneous catalyst for Suzuki-Miyaura C-C coupling reaction. Microporous and Mesoporous Materials, 2017, 253, 102-111.	2.2	48
1648	Synthesis and Characterization of New Cobalt(II)â€“Pyrazine Coordination Polymer as Precursor for Preparation of Co(II) Oxide Nanoparticles: Surprising Coordination, DFT Calculation and Spectroscopic Studies. Journal of Inorganic and Organometallic Polymers and Materials, 2017, 27, 124-130.	1.9	2
1649	Synthesis, characterization and catalytic activity of a cobalt catalyst: Silica-supported, bis(1,5-diphenyl-1,3,5-pentanetrionato)dicobalt(II) [Co2(dba)2]. Applied Catalysis A: General, 2017, 529, 108-117.	2.2	7
1650	Applications of metal-organic frameworks in adsorption/separation processes via hydrogen bonding interactions. Chemical Engineering Journal, 2017, 310, 197-215.	6.6	370
1651	Synthesis, structure and properties of four new coordination polymers based on 2-(4-Chloro-phenoxy)-N-pyridin-3-ylacetamide. Polyhedron, 2017, 123, 90-98.	1.0	3
1652	Two distinct Cd-2,6-bip coordination polymers: Auxiliary ligand affected structures, luminescence and nitrobenzene sensing properties. Polyhedron, 2017, 123, 62-68.	1.0	9
1653	Two Zinc(II) metal-organic frameworks with mixed ligands of 5-amino-tetrazolate and l,2,4,5-benzenetetracarboxylate: Synthesis, structural diversity and photoluminescent properties. Journal of Solid State Chemistry, 2017, 250, 83-89.	1.4	5
1654	The effect of substituted benzene dicarboxylic acid linkers on the optical band gap energy and magnetic coupling in manganese trimer metal organic frameworks. Journal of Materials Chemistry C, 2017, 5, 539-548.	2.7	10
1655	A structurally-characterized zinc 2,5-diiminobenzoquinoid chain compound. Inorganica Chimica Acta, 2017, 460, 108-113.	1.2	2
1656	Structures and properties of coordination polymers with a rigid zwitterionic pyridinium-based tricarboxylate ligand. Inorganica Chimica Acta, 2017, 456, 207-215.	1.2	0
1657	Nanoporous metal organic frameworks as hybrid polymerâ€“metal composites for drug delivery and biomedical applications. Drug Discovery Today, 2017, 22, 625-637.	3.2	212

#	Article	IF	Citations
1658	Probing Structure and Reactivity of Metal Centers in Metalâ€“Organic Frameworks by XAS Techniques. , 2017, , 397-430.		4
1659	Crystalline, Highly Oriented MOF Thin Film: the Fabrication and Application. Chemical Record, 2017, 17, 518-534.	2.9	34
1660	Syntheses, crystal structures and luminescent properties of three metal coordination polymers based on aromatic carboxylic acids and 2-(pyridine-4-yl)-(1H)-benzoimidazole. Polyhedron, 2017, 121, 252-263.	1.0	25
1661	Fluorescent and magnetic properties of two Cu(II) and Cd(II) coordination polymers based on semirigid tripodal carboxylate ligand. Polyhedron, 2017, 121, 245-251.	1.0	9
1662	A survey on the effects of ultrasonic irradiation, reaction time and concentration of initial reagents on formation of kinetically or thermodynamically stable copper(I) metal-organic nanomaterials. Ultrasonics Sonochemistry, 2017, 35, 382-388.	3.8	23
1663	Synthesis, structure and properties of a 3D acentric coordination polymer with noninterpenetrated (10,3)-d topology. Journal of Molecular Structure, 2017, 1127, 662-667.	1.8	3
1664	Lanthanide contraction effect on the crystal structures of 2D lanthanide coordination polymers based on 2-(trifluoromethyl)-1H-imidazole-4,5-dicarboxylic acid. Structural Chemistry, 2017, 28, 577-586.	1.0	9
1665	Mixed-ligand cobalt, nickel and zinc coordination polymers based on flexible 1,4-bis((1H-imidazol-1-yl)methyl)benzene and rigid carboxylate linkers. Inorganica Chimica Acta, 2017, 455, 118-131.	1.2	23
1666	Novel 3-D interpenetrated metalâ€“organometallic networks based on self-assembled Zn(<scp>ii</scp>)/Cu(<scp>ii</scp>) from 1,1â€²-ferrocenedicarboxylic acid and 4,4â€²-bipyridine. CrystEngComm, 2017, 19, 758-761.	1.3	14
1667	A Hirshfeld surface analysis, supramolecular structure and magnetic properties of a new Cu(II) complex with the 4-amino-6-methoxypyrimidine ligand. Journal of Molecular Structure, 2017, 1130, 114-121.	1.8	5
1668	Luminescent rare-earth-based MOFs as optical sensors. Dalton Transactions, 2017, 46, 301-328.	1.6	237
1669	Trapping of a Methanoato Bridge in Âµâ€1,1,3,3 Mode for [Cu₄] Aggregate Formation: Synthesis, Steric Control on Nuclearity, Antimicrobial Activity, and DNAâ€Interaction Properties. European Journal of Inorganic Chemistry, 2017, 2017, 769-779.	1.0	12
1670	Strategy for chemotherapeutic delivery using a nanosized porous metal-organic framework with a central composite design. International Journal of Nanomedicine, 2017, Volume 12, 1465-1474.	3.3	23
1671	Homochiral Metalâ€“Organic Frameworks. , 2017, , 373-397.		1
1672	Landscape of Research Areas for Zeolites and Metal-Organic Frameworks Using Computational Classification Based on Citation Networks. Materials, 2017, 10, 1428.	1.3	19
1673	Crystal structure and luminescent properties of novel coordination polymers constructed with bifurandicarboxylic acid. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2017, 73, 715-721.	0.5	2
1674	Exploring mechanochemistry to turn organic bio-relevant molecules into metal-organic frameworks: a short review. Beilstein Journal of Organic Chemistry, 2017, 13, 2416-2427.	1.3	27
1675	Network Solids: Mixed Ligand Molecular Building Blocks. , 2017, , 243-270.		0

#	Article	IF	Citations
1676	Binuclear Mn²⁺ complexes of a biphenyltetracarboxylic acid with variable N-donor ligands: syntheses, structures, and magnetic properties. CrystEngComm, 2018, 20, 1818-1831.	1.3	20
1677	Spin coupling interactions in Cî€€ or Bâ€“B-cored porphyrin-mimetic graphene patch nitroxide diradicals. Physical Chemistry Chemical Physics, 2018, 20, 8099-8111.	1.3	4
1678	Zinc-coordinated MOFs complexes regulated by hydrogen bonds: Synthesis, structure and luminescence study toward broadband white-light emission. Journal of Solid State Chemistry, 2018, 260, 159-164.	1.4	6
1679	Exploring the Photodynamics of a New 2D-MOF Composite: Nile Red@Alâ€“ITQ-HB. ACS Omega, 2018, 3, 1600-1608.	1.6	11
1680	Mechanochemical Assembly of Nalidixic Acid Bioinspired Metalâ€“Organic Compounds and Complexes toward Improved Solubility. Crystal Growth and Design, 2018, 18, 2067-2081.	1.4	25
1681	Two Cobalt-diphosphonates Templated by Long-Chain Flexible Amines: Synthesis, Structures, Proton Conductivity, and Magnetic Properties. Crystal Growth and Design, 2018, 18, 3477-3483.	1.4	17
1682	Magnetic Sponge Behavior via Electronic State Modulations. Journal of the American Chemical Society, 2018, 140, 5644-5652.	6.6	42
1683	A series of Ln₄^{III} clusters: Dy₄ single molecule magnet and Tb₄ multi-responsive luminescent sensor for Fe³⁺, CrO₄^{2â^’}/Cr₂O₇^{2â^’} and 4-nitroaniline. RSC Advances, 2018, 8, 12641-12652.	1.7	21
1684	IR and UV study of reversible water-induced structural transformations of poly(manganese) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 427 Tc of Molecular Structure, 2018, 1166, 237-242.	1.8	14
1685	Facilely synthesized Eu3+ post-functionalized UiO-66-type metal-organic framework for rapid and highly selective detection of Fe3+ in aqueous solution. Sensors and Actuators B: Chemical, 2018, 267, 542-548.	4.0	72
1686	Tuning a layer to a three-dimensional cobalt-tris(4â€²-carboxybiphenyl)amine framework by introducing potassium ions. Inorganic Chemistry Communication, 2018, 90, 65-68.	1.8	5
1687	A luminescent cadmium based MOF as selective and sensitive iodide sensor in aqueous medium. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 356, 389-396.	2.0	42
1688	Investigation on luminescence and gas adsorption properties of cadmium complex. Inorganica Chimica Acta, 2018, 473, 282-285.	1.2	2
1689	Rapid and selective adsorption of cationic dyes by a unique metal-organic framework with decorated pore surface. Applied Surface Science, 2018, 440, 1219-1226.	3.1	137
1690	In-growth metal organic framework/synthetic hybrids as antimicrobial fabrics and its toxicity. Colloids and Surfaces B: Biointerfaces, 2018, 165, 219-228.	2.5	114
1691	Shedding Light on the Protonation States and Location of Protonated N Atoms of Adenine in Metalâ€“Organic Frameworks. Inorganic Chemistry, 2018, 57, 1888-1900.	1.9	21
1692	Novel Cu(<scp>ii</scp>) complexes withNNO-Schiff base-like ligands â€“ structures and magnetic properties. CrystEngComm, 2018, 20, 818-828.	1.3	16
1693	Water mediated proton conductance in a hydrogen-bonded Ni(<scp>ii</scp>)-bipyridine-glycoluril chloride self-assembled framework. CrystEngComm, 2018, 20, 1094-1100.	1.3	11

#	Article	IF	Citations
1694	A bifunctional photoluminescent metalâ^'organic framework for detection of Fe3+ ion and nitroaromatics. Inorganic Chemistry Communication, 2018, 89, 68-72.	1.8	18
1695	Efficient Solventâ€Free Carbon Dioxide Fixation Reactions with Epoxides Under Mild Conditions by Mixedâ€Ligand Zinc(II) Metalâ€"Organic Frameworks. ChemCatChem, 2018, 10, 2401-2408.	1.8	60
1696	Temperature-Driven Crystal-to-Crystal Transformations and Luminescence Properties of Coordination Polymers Built with Diphenyldibenzofulvene Based Ligand. Crystal Growth and Design, 2018, 18, 912-920.	1.4	14
1697	Zone-Collapse Amorphization Mimicking the Negative Compressibility of a Porous Compound. Crystal Growth and Design, 2018, 18, 1082-1089.	1.4	13
1698	Synthesis, structure and magnetic property of a two-dimensional coordination polymer decorated with sine wave-like 1D double chain. Journal of Molecular Structure, 2018, 1157, 602-606.	1.8	0
1699	Shape engineering of metalâ€"organic frameworks. Polyhedron, 2018, 145, 1-15.	1.0	172
1700	Assembly of Zn^{II}-coordination polymers constructed from benzothiadiazole functionalized bipyridines and V-shaped dicarboxylic acids: topology variety, photochemical and visible-light-driven photocatalytic properties. CrystEngComm, 2018, 20, 668-678.	1.3	39
1701	Incorporating cuprous-halide clusters and lanthanide clusters to construct Heterometallic cluster organic frameworks with luminescence and gas adsorption properties. CrystEngComm, 2018, 20, 738-745.	1.3	20
1702	Emergence of Surface- and Interface-Induced Structures and Properties in Metal-Organic Framework Thin Films. European Journal of Inorganic Chemistry, 2018, 2018, 1697-1706.	1.0	27
1703	Crystal Structure and Magnetic Properties of an Oxamatoâ€Bridged Heterobimetallic Tetranuclear [Ni^{II}Cu^{II}]₂ Complex of the Rack Type. European Journal of Inorganic Chemistry, 2018, 2018, 477-484.	1.0	8
1704	Low-Temperature Magnetic Properties of Vanadium-Doped ZnO Nanoparticles. Journal of Superconductivity and Novel Magnetism, 2018, 31, 2817-2828.	0.8	10
1705	Two new luminescence cadmium coordination polymers constructed by 4,4â€²-di(4H-1,2,4-triazol-4-yl)-1,1â€²-biphenyl and polycarboxylic acids: syntheses, structures, Fe³⁺ identifying and photo-degradable properties. RSC Advances, 2018, 8, 557-566.	1.7	14
1706	Synthesis, Crystal Structure, and Properties of a 2D Cu(I) Coordination Polymer Based on Cu3I3 Chains Linked by 1,3-Di-(1,2,4-Triazole-4-yl)Benzene. Journal of Cluster Science, 2018, 29, 313-317.	1.7	8
1707	Electrochemical Synthesis and Doping for Nano-Porous Organic Magnetic Materials. Materials and Energy, 2018, , 207-234.	2.5	0
1708	Interplay of Coordination Environment and Magnetic Behavior of Layered Co(II) Hydroxichlorides: A DFT+U Study. Inorganic Chemistry, 2018, 57, 4989-4996.	1.9	8
1709	Structure, sensing and photocatalytic properties of two multifunctional 3D luminescent coordination polymers based on an N-heterocyclic carboxylic acid. New Journal of Chemistry, 2018, 42, 8905-8913.	1.4	22
1710	Fabrication of MIL-101(Cr/Al) with flower-like morphology and its catalytic performance. Applied Catalysis A: General, 2018, 559, 138-145.	2.2	14
1711	Syntheses, Structures, and Magnetic Properties of Two Mn(II) Coordination Polymers Based on 4-Fluorocinnamic Acid and 1,10-Phenanthroline. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2018, 44, 340-346.	0.3	10

#	Article	IF	Citations
1712	Theoretical Insight into M₁TPyPâ€“M₂ (M₁, M₂ = Fe, Co) MOFs: Correlation between Electronic Structure and Catalytic Activity Extending to Potentiality in Capturing Flue Gases. Journal of Physical Chemistry C, 2018, 122, 9899-9908.	1.5	11
1713	Homochiral metal-organic framework for HPLC separation of enantiomers. Microchemical Journal, 2018, 139, 487-491.	2.3	39
1714	Metal-Mediated Self-Assembly of a Twisted Biphenyl-Tetraacid Linker with Semi-rigid Core and Peripheral Flexibility: Concomitant Formation of Compositionally Distinct MOFs. Crystal Growth and Design, 2018, 18, 2129-2137.	1.4	11
1715	Providing evidence for the requirements to achieve supramolecular materials based on metalâ€“nucleobase entities. CrystEngComm, 2018, 20, 2528-2539.	1.3	6
1716	Structure, fluorescence, and carbon dioxide capture of a carboxylate cadmium complex. Journal of Coordination Chemistry, 2018, 71, 1250-1257.	0.8	6
1717	Humidity Sensitive Structural Dynamics and Solvatomagnetic Effects in a 3D Co(II)-Based Coordination Polymer. Inorganic Chemistry, 2018, 57, 4070-4076.	1.9	8
1718	Ni(II)/Zn(II)-triazolate clusters based MOFs constructed from a V-shaped dicarboxylate ligand: Magnetic properties and phosphate sensing. Journal of Solid State Chemistry, 2018, 262, 100-105.	1.4	22
1719	1D Co(ii) coordination polymers based on cyclobutyl- and cyclopentyl-substituted zoledronate analogues: synthesis, structural comparison, thermal stability and magnetic properties. New Journal of Chemistry, 2018, 42, 7830-7844.	1.4	6
1720	Chemical Fixation of CO₂ and Other Heterogeneous Catalytic Studies by Employing a Layered Cuâ€Porphyrin Prepared Through Singleâ€Crystal to Singleâ€Crystal Exchange of a Zn Analogue. Chemistry - an Asian Journal, 2018, 13, 66-72.	1.7	11
1721	Two distinct coordination polymers assembled by Ag(CF3SO3) and p-phenylenediacetonitrile and the anion-exchange properties. Inorganica Chimica Acta, 2018, 469, 318-324.	1.2	2
1722	Metalâ€“Organic Frameworks assembled from tetraphosphonic ligands and lanthanides. Coordination Chemistry Reviews, 2018, 355, 133-149.	9.5	80
1723	Construction of nine non-covalently-bonded zinc(II) and cadmium(II) supramolecules containing the mixed-ligands of 3,5-dimethylpyrazole and carboxylates: Their synthesis and characterization. Polyhedron, 2018, 139, 17-32.	1.0	10
1724	Structural diversity of a series of terpyridyl carboxylate coordination polymers: Luminescent sensor and magnetic properties. Journal of Solid State Chemistry, 2018, 258, 588-601.	1.4	22
1725	Sonochemical synthesis of a novel nanoscale 1D lead(II) [Pb2(L)2(I)4]n coordination Polymer, survey of temperature, reaction time parameters. Ultrasonics Sonochemistry, 2018, 42, 320-326.	3.8	14
1726	Neutral coordination polymers of Cobalt(II), Copper(II), Zinc(II) and Manganese(II) Î²-diketonate complexes with fluorescent anthracene dipyridine: Synthesis, structure and luminescence properties. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 355, 84-93.	2.0	7
1727	Single-crystal-to-single-crystal (SCSC) transformation and dissolutionâ€“recrystallization structural transformation (DRST) among three new copper(<scp>ii</scp>) coordination polymers. CrystEngComm, 2018, 20, 570-577.	1.3	27
1728	Newly MOF-Graphene Hybrid Nanoadsorbent for Removal of Ni(II) from Aqueous Phase. Journal of Inorganic and Organometallic Polymers and Materials, 2018, 28, 829-836.	1.9	22
1729	Synthesis, Structure, and Magnetic Properties of a Copper(II) Metalâ€Organic Framework with Biphenylâ€2,2â€²,4,4â€²â€tetracarboxylic Acid. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2018, 644, 109-113.	0.6	1

#	Article	IF	Citations
1730	Covalent Organic Frameworks and Cage Compounds: Design and Applications of Polymeric and Discrete Organic Scaffolds. Angewandte Chemie - International Edition, 2018, 57, 4850-4878.	7.2	405
1731	Kovalente organische Netzwerke und KÃfigverbindungen: Design und Anwendungen von polymeren und diskreten organischen GerÃ¼sten. Angewandte Chemie, 2018, 130, 4942-4972.	1.6	97
1732	Vapor Sorption and Solvatochromism in a Metalâ€“Organic Framework of an Asymmetric Pyridylcarboxylate. Crystal Growth and Design, 2018, 18, 416-423.	1.4	13
1733	Two Co(II) compound constructed by phthalic acid and 3-Cl-phthalic acid: Synthesis, structure, and magnetic properties. Journal of Molecular Structure, 2018, 1155, 297-302.	1.8	2
1734	Crystal structure of catena-poly[(Î¼₂-2,5-di(pyridin-3-yl)-1,3,4-thiadiazole-Î²²) Tj ETQq0 0 0 rgBT /Overl C₃₈H₂₄CoN₁₄S₅. Zeitschrift Fur Kristallographie - New Crystal Structures, 2018, 234, 39-40.	0.1	0
1735	Crystal Structures and Luminescence Properties of Two One-Dimensional Zinc Coordination Polymers Derived from a bis(Triazole) Ligand. Journal of Structural Chemistry, 2018, 59, 1456-1461.	0.3	10
1736	Exceptionally slow magnetic relaxation in cobalt(<scp>ii</scp>) benzoate trihydrate. Dalton Transactions, 2018, 47, 15523-15529.	1.6	3
1737	The use of a semi-flexible bipyrimidyl ligand for the construction of azide-based coordination polymers: structural diversities and magnetic properties. Dalton Transactions, 2018, 47, 16709-16722.	1.6	20
1738	Crystal structure of C₂₂H₂₃CoN₁₂O_{8.50}. Zeitschrift Fur Kristallographie - New Crystal Structures, 2018, 233, 1003-1004.	0.1	1
1739	Highly Sensitive Luminescent Probe of Aniline and Trace Water in Organic Solvents Based on Covalently Modified Lanthanide Metalâ€“Organic Frameworks. Industrial & Engineering Chemistry Research, 2018, 57, 16564-16571.	1.8	38
1740	Crystal structure of catena-poly[bis(Î¼₂-1,3-di(4H-1,2,4-triazol-4-yl)benzene-Î²²) Tj ETQq0 0 0 rgBT /Overlock 10 Tf C₂₂H₁₆CoN₁₄S₂. Zeitschrift Fur Kristallographie - New Crystal Structures, 2018, 234, 37-38.	0.1	1
1741	Gallium Coordination Polymers Based on Bisâ€pyridylethylene Containing Neutral and Cationic 1D Chains and 2D Networks. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2018, 644, 1791-1795.	0.6	10
1742	Metamagnetism in Nanosheets of Co^{II}-MOF with T_N at 26 K and a Giant Hysteretic Effect at 5 K. Inorganic Chemistry, 2018, 57, 15044-15047.	1.9	8
1743	A Potassium Metal-Organic Framework based on Perylene-3,4,9,10-tetracarboxylate as Sensing Layer for Humidity Actuators. Scientific Reports, 2018, 8, 14414.	1.6	27
1744	Synthesis, Crystal Structures, and Properties of Ni(NCS)₂â€4â€methoxypyridine Coordination Compounds. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2018, 644, 1760-1770.	0.6	5
1745	A penetrating metal-organic framework based on N-heterocyclic carboxylic acid with sensing properties toward Cr(VI)/Fe(III) and nitrobenzene. Journal of Coordination Chemistry, 2018, 71, 2691-2701.	0.8	4
1746	Crystal structure and Hirshfeld surface analysis of bis(2,6-diaminopyridinium) tetrachloridocobaltate(II). Acta Crystallographica Section E: Crystallographic Communications, 2018, 74, 436-440.	0.2	6
1747	Supramolecular Assembly of a Zn(II)-Based 1D Coordination Polymer through Hydrogen Bonding and Ï€Â·Â·Â·Ï€ Interactions: Crystal Structure and Device Applications. ACS Omega, 2018, 3, 12060-12067.	1.6	31

#	Article	IF	Citations
1748	A Three-Dimensional Metal-Organic Framework Displaying Guest-Dependent Spin-Crossover Behaviour. Key Engineering Materials, 2018, 779, 110-114.	0.4	1
1749	Photoluminescent, upconversion luminescent and nonlinear optical metal-organic frameworks: From fundamental photophysics to potential applications. Coordination Chemistry Reviews, 2018, 377, 259-306.	9.5	151
1750	Reviewing Rare Earth Succinate Frameworks from the Reticular Chemistry Point of View: Structures, Nets, Catalytic and Photoluminescence Applications. Israel Journal of Chemistry, 2018, 58, 1044-1061.	1.0	17
1751	Metalâ€“Organic Frameworks with Extended Viologen Units: Metal-Dependent Photochromism, Photomodulable Fluorescence, and Sensing Properties. Crystal Growth and Design, 2018, 18, 7191-7198.	1.4	69
1752	Detection of Pesticides in Aqueous Medium and in Fruit Extracts Using a Three-Dimensional Metalâ€“Organic Framework: Experimental and Computational Study. Inorganic Chemistry, 2018, 57, 12155-12165.	1.9	47
1753	Self-assembled coordination polymers of Zn(II): Syntheses, structural diversity, luminescence properties and base catalysis. Polyhedron, 2018, 155, 433-440.	1.0	4
1754	Diazine based ligand supported CoII3 and CoII4 coordination complexes: role of anions. New Journal of Chemistry, 2018, 42, 17587-17596.	1.4	7
1755	Syntheses, characterization, and luminescent properties of Ca-based metalâ€“organic frameworks based on 1, 4â€‘naphthalene dicarboxylate. Inorganic Chemistry Communication, 2018, 97, 69-73.	1.8	7
1756	Field-Induced Slow Magnetic Relaxation and Anion/Solvent Dependent Proton Conduction in Cobalt(II) Coordination Polymers. Crystal Growth and Design, 2018, 18, 6211-6220.	1.4	40
1757	Developing a magnetic metal organic framework of copper bearing a mixed azido/butane-1,4-dicarboxylate bridge: magnetic and gas adsorption properties. Dalton Transactions, 2018, 47, 13849-13860.	1.6	42
1758	Effect of Charge on the Structures of Zn(II) Coordination Polymers with Triazole-carboxylate Ligands: Syntheses, Structures, and Luminescent Properties. Crystals, 2018, 8, 312.	1.0	5
1759	Rational Design of a 3D Mn^{II}â€Metalâ€“Organic Framework Based on a Nonmetallated Porphyrin Linker for Selective Capture of CO₂ and Oneâ€Pot Synthesis of Styrene Carbonates. Chemistry - A European Journal, 2018, 24, 16662-16669.	1.7	65
1760	Cobalt complexes of the chelating dicarboxylate ligand â€œespâ€• a paddlewheel-type dimer and a heptanuclear coordination cluster. Dalton Transactions, 2018, 47, 13887-13893.	1.6	18
1761	Unraveling Competitive Electron and Energy-Transfer Events at the Interfaces of a 2D MOF and Nile Red Composites: Effect of the Length and Structure of the Linker. ACS Applied Materials & Interfaces, 2018, 10, 32885-32894.	4.0	11
1762	Triangular and linear Co3 cluster based metal-organic frameworks: Structures and magnetic properties. Journal of Solid State Chemistry, 2018, 265, 123-128.	1.4	7
1763	Spontaneous resolution of non-centrosymmetric coordination polymers of zinc(II) with achiral imidazole-biphenyl-carboxylate ligands. Inorganica Chimica Acta, 2018, 482, 275-283.	1.2	11
1764	How Does the Surface of Alâ€“ITQ-HB 2D-MOF Condition the Intermolecular Interactions of an Adsorbed Organic Molecule?. ACS Applied Materials & Interfaces, 2018, 10, 20159-20169.	4.0	6
1765	Amine-functionalized Zn(<scp>ii</scp>) MOF as an efficient multifunctional catalyst for CO₂ utilization and sulfoxidation reaction. Dalton Transactions, 2018, 47, 8041-8051.	1.6	64

#	Article	IF	Citations
1766	Structural, spectral and docking studies of a coordination polymer of zinc(II) formed by a pyridine-derived linker. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2018, 73, 369-375.	0.3	21
1767	Two isostructural linear coordination polymers: the size of the metal ion impacts the electrical conductivity. New Journal of Chemistry, 2018, 42, 10309-10316.	1.4	31
1768	Sonochemical synthesis and properties of two new nanostructured silver(I) coordination polymers. Ultrasonics Sonochemistry, 2018, 48, 127-135.	3.8	74
1769	Three metal-organic frameworks constructed from 3,3â€²,5,5â€²-azobenzene-tetracarboxylic acid: Synthesis, structure and luminescent sensing. Inorganica Chimica Acta, 2018, 480, 166-172.	1.2	7
1770	Coordination Frameworks Containing Magnetic Single Chain of Imidazoledicarboxylate-Bridged Cobalt(II)/Nickel(II): Syntheses, Structures, and Magnetic Properties. Crystal Growth and Design, 2018, 18, 3449-3457.	1.4	31
1771	Dynamic Motion of Organic Ligands in Polar Layered Cobalt Phosphonates. Chemistry - A European Journal, 2018, 24, 13495-13503.	1.7	5
1772	Chemically-Controlled Stacking of Inorganic Subnets in Coordination Networks: Metalâ€“Organic Magnetic Multilayers. Inorganic Chemistry, 2018, 57, 8236-8240.	1.9	5
1773	Metalâ€“organic frameworks as expanding hybrid carriers with diverse therapeutic applications. , 2018, , 1-34.		4
1774	Heteroleptic chiral bis(phthalocyaninato) terbium double-decker single-ion magnets. Inorganic Chemistry Frontiers, 2018, 5, 2006-2012.	3.0	11
1775	Nanoscale Metalâ€“Organic Frameworks for Therapeutic, Imaging, and Sensing Applications. Advanced Materials, 2018, 30, e1707634.	11.1	504
1776	Cu(I)/Ag(I)â€3â€(2â€Pyridyl)â€5,6â€diphenylâ€1,2,4â€triazineâ€p,pâ€™â€disulfonate Based Coordination Polymers: Synthesis, Structures and Photoluminescent Properties. ChemistrySelect, 2018, 3, 6786-6790.	0.7	6
1777	Efficient and Reusable Pb(II) Metalâ€“Organic Framework for Knoevenagel Condensation. Catalysis Letters, 2018, 148, 2263-2273.	1.4	25
1778	Magnetic MOF for AO7 Removal and Targeted Delivery. Crystals, 2018, 8, 250.	1.0	23
1779	Prussian blue nanoparticles: Synthesis, surface modification, and application in cancer treatment. International Journal of Pharmaceutics, 2018, 549, 31-49.	2.6	79
1780	Trace-level and selective detection of uric acid by a luminescent Zn (II) based 1D coordination polymer in aqueous medium. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 365, 125-132.	2.0	8
1781	Advances of metalâ€“organic frameworks for gas sensing. Polyhedron, 2018, 154, 83-97.	1.0	95
1782	Framework and coordination strain in two isostructural hybrid metalâ€“organic perovskites. CrystEngComm, 2018, 20, 5348-5355.	1.3	14
1783	Probing magnetic interactions in metalâ€“organic frameworks and coordination polymers microscopically. Dalton Transactions, 2018, 47, 13257-13280.	1.6	38

#	Article	IF	Citations
1784	Salts and Co-Crystalline Assemblies of Tetra(4-Pyridyl)Ethylene with Di-Carboxylic Acids. Crystals, 2018, 8, 41.	1.0	1
1785	Tuning of Luminescent and Magnetic Properties via Metal Doping of Zn-BTC Systems. Crystals, 2018, 8, 162.	1.0	7
1786	Coordination driven architectures based on metalloligands offering appended carboxylic acid groups. Journal of Chemical Sciences, 2018, 130, 1.	0.7	6
1787	Hierarchical Assembly of a {Co₂₄} Cluster from Two Vertex-Fused {Co₁₃} Clusters and Their Single-Molecule Magnetism. Inorganic Chemistry, 2018, 57, 9182-9189.	1.9	13
1788	Comparison Study on the Adsorption Capacity of Rhodamine B, Congo Red, and Orange II on Fe-MOFs. Nanomaterials, 2018, 8, 248.	1.9	45
1789	A Multifunctional Lanthanide Carbonate Cluster Based Metalâ€“Organic Framework Exhibits High Proton Transport and Magnetic Entropy Change. Inorganic Chemistry, 2018, 57, 9020-9027.	1.9	47
1790	Synthesis, crystal structures and magnetic properties of six coordination compounds constructed with pyridine iminomethylâ€“TEMPO radicals and [M(hfac)₂] (M = Cu^{II} and) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.9	8
1791	Treatment of cadmium(II) and zinc(II) with N2-donor linkages in presence of Î²-diketone ligand; supported by structural, spectral, theoretical and docking studies. Inorganica Chimica Acta, 2018, 482, 717-725.	1.2	35
1792	Synthesis, crystal structure and photocatalytic properties of a Mn (II) metal-organic framework based on a thiophene-functionalized dicarboxylate ligand. Inorganic Chemistry Communication, 2018, 96, 124-127.	1.8	16
1793	The First Câ^'Cl Activation in Ullmann Câ^'O Coupling by MOFs. ChemCatChem, 2018, 10, 4636-4651.	1.8	8
1794	CFA-14 â€“ a perfluorinated metalâ€“organic framework with linear 1-D Co^{II}-chains showing temperature dependent spin-chain magnetic ordering. Dalton Transactions, 2018, 47, 12750-12758.	1.6	5
1795	Smart composite films of nanometric thickness based on copperâ€“iodine coordination polymers. Toward sensors. Chemical Science, 2018, 9, 8000-8010.	3.7	44
1796	Slow relaxation and magnetic coupling of magnetization in 3D CoII2-xZnIIx chain-based coordination frameworks with mixed double azide-tetrazolate bridges. Journal of Solid State Chemistry, 2018, 268, 108-114.	1.4	0
1797	The insights from X-ray absorption spectroscopy into the local atomic structure and chemical bonding of Metalâ€“organic frameworks. Polyhedron, 2018, 155, 232-253.	1.0	34
1798	Polynuclear complexes in solution: An experimental and theoretical study on the interaction of nitrilotripropionate anion with metal ions. Inorganica Chimica Acta, 2018, 483, 53-60.	1.2	2
1799	Assembly of Two Metalâ€“Organic Frameworks Based on Distinct Cobalt Dimeric Building Blocks Induced by Ligand Modification: Gas Adsorption and Magnetic Properties. Inorganic Chemistry, 2018, 57, 10401-10409.	1.9	26
1800	Construction of d¹⁰ metal coordination polymers based on in situ formed 3,5-di(1H-1,2,4-triazol-1-yl)benzoic acid from different precursors: influence of in situ hydrolysis reactions on assembly process. CrystEngComm, 2018, 20, 5531-5543.	1.3	6
1801	Construction of coordination polymers based on a rigid tripodal nitrogen-containing heterotopic ligand that designed by mixed-donors strategy. Journal of Solid State Chemistry, 2018, 265, 64-71.	1.4	7

#	Article	IF	Citations
1802	Porous Metalâ€“Organic Framework@Polymer Beads for Iodine Capture and Recovery Using a Gasâ€Sparged Column. Advanced Functional Materials, 2018, 28, 1801596.	7.8	120
1803	Coordination polymers and metal-organic frameworks built up with poly(tetrazolate) ligands. Coordination Chemistry Reviews, 2018, 372, 1-30.	9.5	74
1804	Magnetic relaxation in cobalt(ii)-based single-ion magnets influenced by distortion of the pseudotetrahedral [N2O2] coordination environment. Dalton Transactions, 2018, 47, 10861-10873.	1.6	27
1805	Facile Synthesis of Mixed Metalâ€“Organic Frameworks: Electrode Materials for Supercapacitors with Excellent Areal Capacitance and Operational Stability. ACS Applied Materials & Interfaces, 2018, 10, 23063-23073.	4.0	199
1806	A Co(<scp>ii</scp>) framework derived from a tris(4-(triazol-1-yl)phenyl)amine redox-active linker: an electrochemical and magnetic study. Dalton Transactions, 2018, 47, 9341-9346.	1.6	10
1807	Magnetic layered perovskites of [CH₃C(NH₂)₂]₂[M(HCOO)₄] (M =) Tj ETQq1 1 0.784314 rgBT /Overlock 2018, 47, 11925-11933.	1.6	12
1808	Three-Dimensional Co(II)-Metalâ€“Organic Frameworks with Varying Porosities and Open Metal Sites toward Multipurpose Heterogeneous Catalysis under Mild Conditions. Crystal Growth and Design, 2019, 19, 5343-5353.	1.4	41
1809	Structural Diversity in Luminescent MOFs Containing a Bent Electronâ€rich Dicarboxylate Linker and a Flexible Capping Ligand: Selective Detection of 4â€Nitroaniline in Water. Chemistry - an Asian Journal, 2019, 14, 3712-3720.	1.7	16
1810	Solvent-free vacuum growth of oriented HKUST-1 thin films. Journal of Materials Chemistry A, 2019, 7, 19396-19406.	5.2	54
1811	2D-Coordination polymer containing lead(II) in a hemidirected PbO₄S₃ environment formed by molecular breaking of the 1,3-oxathiolane ligand. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2019, 74, 547-551.	0.3	1
1812	Green synthesis of nanoscale cobalt(<scp>ii</scp>)-based MOFs: highly efficient photo-induced green catalysts for the degradation of industrially used dyes. Dalton Transactions, 2019, 48, 13869-13879.	1.6	33
1813	Two bifunctional photoluminescent Zn (II) coordination polymers for detection of Fe3+ ion and nitrobenzene. Inorganic Chemistry Communication, 2019, 107, 107479.	1.8	6
1814	In vitro antiproliferative study of curcumin loaded nano zeolitic imidazolate framework hybrid biomaterials on HeLa cells. Journal of Industrial and Engineering Chemistry, 2019, 79, 288-294.	2.9	4
1815	Mineralizationâ€Inspired Synthesis of Magnetic Zeolitic Imidazole Framework Composites. Angewandte Chemie, 2019, 131, 13684-13689.	1.6	5
1817	Manganese(II) and zinc(II) coordination polymers based on 2-(5-bromo-pyridin-3-yl)-1H-imidazole-4,5-dicarboxylic acid: synthesis, structure and properties. Journal of Coordination Chemistry, 2019, 72, 1820-1832.	0.8	0
1818	Mineralizationâ€Inspired Synthesis of Magnetic Zeolitic Imidazole Framework Composites. Angewandte Chemie - International Edition, 2019, 58, 13550-13555.	7.2	27
1819	Halide-Mediated Modification of Magnetism and Electronic Structure of Î±-Co(II) Hydroxides: Synthesis, Characterization, and DFT+U Simulations. Inorganic Chemistry, 2019, 58, 9414-9424.	1.9	16
1820	Three Sequential Hydrolysis Products of the Ubiquitous Cu24 Isophthalate Metalâ€“Organic Polyhedra. Inorganic Chemistry, 2019, 58, 9874-9881.	1.9	14

#	Article	IF	Citations
1821	Single-chain magnets assembled in cobalt(<scp>ii</scp>) metalâ€“organic frameworks. Chemical Communications, 2019, 55, 11000-11012.	2.2	40
1822	Growth, structural, third order nonlinear optical properties, dielectric properties, conductivity mechanisms and spectroscopic characterization of a luminescent material trans-diaqua-bis(pyridine-2-carboxylato)-cobalt(ii) dihydrate for optoelectronic applications. Optics and Laser Technology, 2019, 119, 105664.	2.2	5
1823	Recent applications of magnetic composites as extraction adsorbents for determination of environmental pollutants. TrAC - Trends in Analytical Chemistry, 2019, 119, 115611.	5.8	95
1824	Aqueous-Phase Differentiation and Speciation of Fe³⁺ and Fe²⁺ Using Water-Stable Photoluminescent Lanthanide-Based Metalâ€“Organic Framework. ACS Applied Nano Materials, 2019, 2, 5169-5178.	2.4	41
1825	Crystal structure, phase transitions, dielectric and vibrational studies and photoluminescence properties of a new iron fluoride based on bipyridine. Journal of Solid State Chemistry, 2019, 277, 395-405.	1.4	6
1826	Silver-nitrilotriacetate coordination polymers: Supra-molecular and photoluminescence properties. Inorganica Chimica Acta, 2019, 495, 118939.	1.2	1
1827	In situ formed [M(CN)₉] (M = W, Mo) as a building block for the construction of two nona-cyanometalate-bridged heterometallic coordination polymers. CrystEngComm, 2019, 21, 4363-4372.	1.3	3
1828	Hexadecanuclear Mn^{II}₂Mn^{III}₁₄ Molecular Torus Built from in Situ Tandem Ligand Transformations. Inorganic Chemistry, 2019, 58, 14331-14337.	1.9	14
1829	Selective Gas Adsorption of Alkane/Alkene in a Single-Crystal and Powder Bimetallic Metalâ€“Organic Framework Compound Cu2.97Zn0.03(btc)2 Studied by Electron Paramagnetic Resonance. Journal of Physical Chemistry C, 2019, 123, 26877-26887.	1.5	10
1830	Metalâ€“Organic Frameworks as Playgrounds for Reticulate Single-Molecule Magnets. Inorganic Chemistry, 2019, 58, 14498-14506.	1.9	23
1831	A Microporous Co(II)-Based 3-D Metal Organic Framework Built from Magnetic Infinite Rod-Shaped Secondary Building Units. European Journal of Inorganic Chemistry, 2019, 2019, 4056-4062.	1.0	4
1832	Multifunctional coordination polymers based on copper with modified nucleobases, easily modulated in size and conductivity. Journal of Inorganic Biochemistry, 2019, 200, 110805.	1.5	8
1833	Reentrant Spin-Glass Behavior in Cobalt(II) Based Coordination Polymers. Crystal Growth and Design, 2019, 19, 6463-6471.	1.4	6
1834	Recent Advances in Preparation and Applications of Magnetic Framework Composites. Chemistry - an Asian Journal, 2019, 14, 3515-3530.	1.7	35
1835	An Ionâ€Exchangeable MOF with Reversible Dehydration and Dynamic Structural Behavior (NH 4) 2 [Zn 2 (O 3 PCH 2 CH 2 COO) 2]â‹…5â€‰H 2 O (BIRMâ€1). Chemistry - A European Journal, 2019, 25, 13865-13868.	1.7	1
1836	Potential Utilization of Metalâ€“Organic Frameworks in Heterogeneous Catalysis: A Case Study of Hydrogenâ€Bond Donating and Singleâ€Site Catalysis. Chemistry - an Asian Journal, 2019, 14, 4087-4102.	1.7	25
1837	Humidityâ€”A Powerful Tool to Customize the Physical Properties of Molecular Magnets. Chemistry - A European Journal, 2019, 25, 15963-15977.	1.7	20
1838	Crystal size versus paddle wheel deformability: selective gated adsorption transitions of the switchable metalâ€“organic frameworks DUT-8(Co) and DUT-8(Ni). Journal of Materials Chemistry A, 2019, 7, 21459-21475.	5.2	54

#	Article	IF	Citations
1839	Proton Conductivity and Sorption Study in Three Sulfonic Group Functionalized Mixed Ligand Coordination Polymers and the Impact of Structural Dynamicity on Their Property. Inorganic Chemistry, 2019, 58, 12943-12953.	1.9	23
1840	Assembly of two new heterometallic coordination polymers derived from 3-(1H-benzimidazol-2-yl)propanoic acid. Inorganic and Nano-Metal Chemistry, 2019, 49, 297-305.	0.9	0
1841	Argentophilic Interactions in Two AgI Complexes of 3-(2-(Pyridin-4-yl)ethyl)pentane-2,4-dione, a Promising Ditopic Ligand. Crystals, 2019, 9, 414.	1.0	4
1842	Two- and Three-Dimensional Heterometallic Ln[Ru2-Î±-Ammonium Diphosphonate] Nets: Structures, Porosity, Magnetism, and Proton Conductivity. Inorganic Chemistry, 2019, 58, 14034-14045.	1.9	15
1843	Effect of pH on the construction of zinc coordination polymers based on carboxylate functionalized triazole derivative ligand. Journal of Molecular Structure, 2019, 1198, 126905.	1.8	4
1844	Fragmentation of a One-Dimensional Zinc Coordination Polymer and Partial Reassembly Evidenced by Mass Spectrometry. Crystal Growth and Design, 2019, 19, 6801-6805.	1.4	1
1845	A dynamic microporous magnet exhibiting room-temperature thermal hysteresis, variable magnetic ordering temperatures and highly selective adsorption for CO₂. Journal of Materials Chemistry C, 2019, 7, 218-222.	2.7	5
1846	Diverse layered topology and magnetic subunits in cobalt cyclohexyldicarboxylate coordination polymers with 3-pyridylnicotinamide coligands. Polyhedron, 2019, 157, 276-283.	1.0	2
1847	Field-induced slow magnetic relaxation in pseudooctahedral cobalt(<scp>ii</scp>) complexes with positive axial and large rhombic anisotropy. Dalton Transactions, 2019, 48, 1404-1417.	1.6	36
1848	Tetranuclear cobalt(<scp>ii</scp>)â€“isonicotinic acid frameworks: selective CO₂capture, magnetic properties, and derived â€œCo₃O₄â€•exhibiting high performance in lithium ion batteries. Dalton Transactions, 2019, 48, 296-303.	1.6	10
1849	Laser-Reduced Zeolite Imidazole Framework-67 as Magnetic Absorbents for Oil Separation in Water. IEEE Magnetics Letters, 2019, 10, 1-3.	0.6	5
1850	Water Contaminant Elimination Based on Metalâ€“Organic Frameworks and Perspective on Their Industrial Applications. ACS Sustainable Chemistry and Engineering, 2019, 7, 4548-4563.	3.2	165
1851	Co(II)-based Metalâ€“Organic Frameworks and Their Application in Gas Sorption and Solvatochromism. Crystal Growth and Design, 2019, 19, 1640-1648.	1.4	25
1852	Construction of a 3D porous Co(<scp>ii</scp>) metalâ€“organic framework (MOF) with Lewis acidic metal sites exhibiting selective CO₂ capture and conversion under mild conditions. New Journal of Chemistry, 2019, 43, 2163-2170.	1.4	35
1853	From mononuclear to two-dimensional cobalt(<scp>ii</scp>) complexes based on a mixed benzimidazoleâ€“dicarboxylate strategy: syntheses, structures, and magnetic properties. CrystEngComm, 2019, 21, 749-757.	1.3	16
1854	Prediction of intrinsic ferromagnetism in two-dimension planar metal-organic framework semiconductors. Journal of Magnetism and Magnetic Materials, 2019, 488, 165354.	1.0	17
1855	DNA nanotetrahedron linked dual-aptamer based voltammetric aptasensor for cardiac troponin I using a magnetic metal-organic framework as a label. Mikrochimica Acta, 2019, 186, 374.	2.5	48
1856	Ultrasonicâ€Assisted Linker Exchange (USALE): A Novel Postâ€Synthesis Method for Controlling the Functionality, Porosity, and Morphology of MOFs. Chemistry - A European Journal, 2019, 25, 10876-10885.	1.7	24

#	Article	IF	Citations
1857	Tuning of the para-position of pyridyl ligands impacts the electrical properties of a series of Cd(<scp>ii</scp>) ladder polymers. Dalton Transactions, 2019, 48, 11259-11267.	1.6	32
1858	Two cobalt metal-organic frameworks constructed from mixed ligands and their magnetic properties. Journal of Chemical Sciences, 2019, 131, 1.	0.7	1
1859	Crystal Structure And Luminescent Property of a New Two-Dimensional Polymer Based on 1,4-Bis(4-(Imidazole-1-yl)Benzyl)Piperazine. Journal of Structural Chemistry, 2019, 60, 803-809.	0.3	2
1860	Slow relaxation in doped coordination polymers and dimers based on lanthanoids and anilato ligands. Polyhedron, 2019, 170, 476-485.	1.0	12
1861	Structural diversity and variable temperature magnetic properties in copper dimethylmalonate coordination polymers containing dipyridyl-type coligands. Polyhedron, 2019, 170, 674-682.	1.0	2
1862	Coordinated Molecule-Modulated Magnetic Phase with Metamagnetism in Metalâ€“Organic Frameworks. Inorganic Chemistry, 2019, 58, 8895-8899.	1.9	17
1863	Syntheses and magnetic properties of high-dimensional cucurbit[6]uril-based metalâ€“organic rotaxane frameworks. Dalton Transactions, 2019, 48, 9939-9943.	1.6	11
1864	Photofunctional MOF-based hybrid materials for the chemical sensing of biomarkers. Journal of Materials Chemistry C, 2019, 7, 8155-8175.	2.7	104
1865	Coordination behaviour of 2-(Methylthio)Pyrazine with Ag(I) in the presence of different counter anions and emission properties. Polyhedron, 2019, 169, 8-13.	1.0	3
1866	Fluorescence sensing and magnetic properties of three coordination polymers based on 6-(3,5-dicarboxylphenyl)nicotinic acid and pyridine/imidazole linkers. New Journal of Chemistry, 2019, 43, 9376-9383.	1.4	7
1867	Three New Niccolites: Highâ€Temperature Phase Transitions, Prominent Anisotropic Thermal Expansions, Dielectric Anomalies, and Magnetism. Chemistry - A European Journal, 2019, 25, 9303-9314.	1.7	14
1868	Magnetic phase transition and magnetic bistability in oxamato-based CoIICuII bimetallic MOF thin films. Polyhedron, 2019, 170, 7-11.	1.0	6
1869	Metal-organic frameworks (MOFs) and their composites as electrodes for lithium battery applications: Novel means for alternative energy storage. Coordination Chemistry Reviews, 2019, 393, 48-78.	9.5	198
1870	A Chiral and Polar Single-Molecule Magnet: Synthesis, Structure, and Tracking of Its Formation Using Mass Spectrometry. Inorganic Chemistry, 2019, 58, 7236-7242.	1.9	15
1871	Temperature-Controlled Assembly/Reassembly of Two Dicarboxylate-Based Three-Dimensional Co(II) Coordination Polymers with an Antiferromagnetic Metallic Layer and a Ferromagnetic Metallic Chain. Polymers, 2019, 11, 795.	2.0	1
1872	A New Family of 2D Coordination Polymers Based on 3dâ€4f 15â€Metallacrownâ€5 Units: Synthesis, Structure, and Singleâ€Molecule Magnet Behavior. European Journal of Inorganic Chemistry, 2019, 2019, 2839-2843.	1.0	15
1873	A Zn(<scp>ii</scp>) metalâ€“organic framework constructed by a mixed-ligand strategy for CO₂ capture and gas separation. CrystEngComm, 2019, 21, 3289-3294.	1.3	14
1874	Three Co(II) Metalâ€“Organic Frameworks with Diverse Architectures for Selective Gas Sorption and Magnetic Studies. Inorganic Chemistry, 2019, 58, 6246-6256.	1.9	34

#	Article	IF	Citations
1876	Theoretical discovery of Dirac half metal in experimentally synthesized two dimensional metal semiquinoid frameworks. Journal of Materials Chemistry C, 2019, 7, 5792-5796.	2.7	16
1877	Selfâ€Assembly of Copper Polypyridyl Supramolecular Metallopolymers to Achieve Enhanced Anticancer Efficacy. ChemistryOpen, 2019, 8, 434-437.	0.9	7
1878	Magneto-structural correlations of novel kagomÃ©-type metal organic frameworks. Journal of Materials Chemistry C, 2019, 7, 6692-6697.	2.7	10
1879	Recent Developments in Molecular Spin Gyroid Research. Bulletin of the Chemical Society of Japan, 2019, 92, 1068-1093.	2.0	17
1880	Highly sensitive fluorescent metal-organic framework as a selective sensor of MnVII and CrVI anions (MnO4â¯/Cr2O72â¯/CrO42â¯) in aqueous solutions. Analytica Chimica Acta, 2019, 1064, 119-125.	2.6	69
1881	Syntheses, structures and magnetic properties of cyano-bridged one-dimensional Ln³⁺â€“Fe³⁺ (Ln = La, Dy, Ho and Yb) coordination polymers. New Journal of Chemistry, 2019, 43, 6228-6233.	1.4	7
1882	Slow Magnetic Relaxation of Co(II) Single Chains Embedded within Metalâ€“Organic Superstructures. Inorganic Chemistry, 2019, 58, 3764-3773.	1.9	20
1883	A Three-Dimensional Nickel(II) Framework from a Semi-Flexible Bipyrimidyl Ligand Showing Weak Ferromagnetic Behavior. Polymers, 2019, 11, 119.	2.0	6
1884	Tandem magnetization and postâ€synthetic metal ion exchange of metalâ€“organic framework: Synthesis, characterization and catalytic study. Applied Organometallic Chemistry, 2019, 33, e4819.	1.7	9
1885	Construction of bifunctional 2-fold interpenetrated Zn(<scp>ii</scp>) MOFs exhibiting selective CO₂adsorption and aqueous-phase sensing of 2,4,6-trinitrophenol. Inorganic Chemistry Frontiers, 2019, 6, 1058-1067.	3.0	48
1886	Long-range ferromagnetism in nickel-based hybrid structure with semiconductor behavior. Chemical Communications, 2019, 55, 5211-5214.	2.2	4
1887	Polar functional groups anchored to a 2D MOF template for the stabilization of Pd(0) nps for the catalytic Câ€“C coupling reaction. Dalton Transactions, 2019, 48, 7117-7121.	1.6	7
1888	Reduction of Interferences Using Fe-Containing Metalâ€“Organic Frameworks for Matrix Separation and Enhanced Photochemical Vapor Generation of Trace Bismuth. Analytical Chemistry, 2019, 91, 5217-5224.	3.2	41
1889	Postfunctionalized Metalloligand-Based Catenated Coordination Polymers: Syntheses, Structures, and Effect of Labile Sites on Catalysis. Crystal Growth and Design, 2019, 19, 2723-2735.	1.4	7
1890	Highly Connected Metal-Organic Framework Constructed from Heptanuclear SBUs: Structure, Topology, and Fluorescence. Journal of Solid State Chemistry, 2019, 274, 315-321.	1.4	3
1891	Reversible redox switching of magnetic order and electrical conductivity in a 2D manganese benzoquinoid framework. Chemical Science, 2019, 10, 4652-4661.	3.7	61
1892	Ionothermal Synthesis of Zn(II) Coordination Polymers with Fluorescent Sensing and Selective Dye Adsorption Properties. Journal of Inorganic and Organometallic Polymers and Materials, 2019, 29, 1746-1754.	1.9	3
1893	Sonochemical synthesis and characterization of four nanostructural nickel coordination polymers and photocatalytic degradation of methylene blue. Ultrasonics Sonochemistry, 2019, 56, 213-228.	3.8	36

#	Article	IF	Citations
1894	Room-Temperature Magnets Based on 1,3,5-Triazine-Linked Porous Organic Radical Frameworks. CheM, 2019, 5, 1223-1234.	5.8	67
1895	Fabrication of 3D Co-doped Ni-based MOF hierarchical micro-flowers as a high-performance electrode material for supercapacitors. Applied Surface Science, 2019, 483, 1158-1165.	3.1	156
1896	Dicyanamide-interlaced assembly of Zn(II)-schiff-base complexes derived from salicylaldimino type compartmental ligands: Syntheses, crystal structures, FMO, ESP, TD-DFT, fluorescence lifetime, in vitro antibacterial and anti-biofilm properties. Inorganica Chimica Acta, 2019, 489, 244-254.	1.2	49
1897	Magnetic stir cake sorptive extraction of trace tetracycline antibiotics in food samples: preparation of metalâ€“organic framework-embedded polyHIPE monolithic composites, validation and application. Analytical and Bioanalytical Chemistry, 2019, 411, 2239-2248.	1.9	46
1898	Potassium coordination polymer complex containing tetrazolyl ligand. Journal of Molecular Structure, 2019, 1185, 50-56.	1.8	2
1899	A Mn(II)-porphyrin based metal-organic framework (MOF) for visible-light-assisted cycloaddition of carbon dioxide with epoxides. Microporous and Mesoporous Materials, 2019, 280, 372-378.	2.2	69
1900	Synthesis, structure, spectral characteristic and photocatalytic degradation of organic dyes of a copper metal-organic framework based on tri(triazole) and pimelate. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 214, 372-377.	2.0	41
1901	Solid-State Electrochemistry of Copper(I) Coordination Polymers Containing Tetrafluoroborate Anions. Inorganic Chemistry, 2019, 58, 2379-2385.	1.9	5
1902	Synthesis, structures and properties of six lanthanide complexes based on a 2-(2-carboxyphenyl)imidazo(4,5-f)-(1,10)phenanthroline ligand. RSC Advances, 2019, 9, 3102-3112.	1.7	24
1903	A Zn(<scp>ii</scp>) metalâ€“organic framework with dinuclear [Zn₂(N-oxide)₂] secondary building units. Dalton Transactions, 2019, 48, 6314-6318.	1.6	2
1904	Integration of Metal Nanoparticles into Metalâ€“Organic Frameworks for Composite Catalysts: Design and Synthetic Strategy. Small, 2019, 15, e1804849.	5.2	67
1905	A new binuclear Ni^{II} complex with tetrafluorophthalate and 2,2â€²-bipyridine ligands: synthesis, crystal structure and magnetic properties. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2019, 74, 833-838.	0.3	34
1906	Crystal structure of poly[(Î¼₂-2-(1H-1,2,4-triazol-1-yl)benzoato-Î²⁴) Tj ETQq0 0 0 rgBT /Overlock 10 Tf C₉H₈AgO₃N₃. Zeitschrift Fur Kristallographie - New Crystal Structures, 2019, 234, 1167-1168.	0.1	0
1907	A novel 3D Cd-based luminescent coordination polymer for selective sensing of 4-NP and NZF. New Journal of Chemistry, 2019, 43, 16853-16859.	1.4	20
1908	A pyrazine core-based luminescent Zr(<scp>iv</scp>) organic framework for specific sensing of Fe³⁺, picric acid and Cr₂O₇^{2â^'}. CrystEngComm, 2019, 21, 6252-6260.	1.3	26
1909	Two zinc(<scp>ii</scp>)-based coordination polymers with flexible dicarboxylate and pyridine mixed ligands: effect of Ï€â‹¯Ï€ interactions on electrical activity. New Journal of Chemistry, 2019, 43, 16071-16077.	1.4	15
1910	Metal Organic Frameworks as Desulfurization Adsorbents of DBT and 4,6-DMDBT from Fuels. Molecules, 2019, 24, 4525.	1.7	61
1911	Band gap, sorption properties and fluorescence sensing behaviour of a novel 1Dâ†'2D cathenane-like cobalt(II)â€“organic framework. Acta Crystallographica Section C, Structural Chemistry, 2019, 75, 1593-1604.	0.2	3

#	Article	IF	Citations
1913	Changes in magnetic order through two consecutive dehydration steps of metal-phosphonate diamond chains. RSC Advances, 2019, 9, 31911-31917.	1.7	2
1914	An overview of the most common lab-made coating materials in solid phase microextraction. Talanta, 2019, 191, 283-306.	2.9	104
1915	Facile synthesis of magnetic macroporous polymer/MOF composites as separable catalysts. Journal of Materials Science, 2019, 54, 370-382.	1.7	28
1916	Azide and carboxylate as simultaneous coupler for magnetic coordination polymers. Coordination Chemistry Reviews, 2019, 382, 1-31.	9.5	113
1917	New Copper(II) Coordination Compounds Assembled from Multifunctional Pyridine-Carboxylate Blocks: Synthesis, Structures, and Catalytic Activity in Cycloalkane Oxidation. Molecules, 2019, 24, 6.	1.7	26
1918	Direct Growth of Triple Cation Metalâ€“Organic Framework on a Metal Substrate for Electrochemical Energy Storage. Industrial & Engineering Chemistry Research, 2019, 58, 665-674.	1.8	32
1919	Hydrogen-bonding-induced efficient dispersive solid phase extraction of bisphenols and their derivatives in environmental waters using surface amino-functionalized MIL-101(Fe). Microchemical Journal, 2019, 145, 1151-1161.	2.3	28
1920	Conventional and Mechanochemical Syntheses of Copper(I) Iodide Luminescent MOF with Bis(amidoquinoline) and Its Application for the Detection of Amino Acid in Aqueous Solution. Inorganic Chemistry, 2019, 58, 1177-1183.	1.9	34
1921	Tunable Ferromagnetic Strength in Niccolite Structural Heterometallic Formate Framework Based on Orthogonal Magnetic Orbital Interactions. Inorganic Chemistry, 2019, 58, 1184-1190.	1.9	15
1922	Designing Multifunctional MOFs Using the Inorganic Motif [Cu₃(Î¼₃₋OH)(Î¼-Pyz)] as an SBU and Their Properties. Crystal Growth and Design, 2019, 19, 992-1004.	1.4	21
1923	Highly sensitive and recyclable sensing of Fe3+ ions based on a luminescent anionic [Cd(DMIPA)]2- framework with exposed thioether group in the snowflake-like channels. Journal of Solid State Chemistry, 2019, 270, 493-499.	1.4	31
1924	Metal Organic Frameworks (MOFs) and ultrasound: A review. Ultrasonics Sonochemistry, 2019, 52, 106-119.	3.8	213
1925	Metalâ€“Organic Frameworks (MOFs) and MOF-Derived Materials for Energy Storage and Conversion. Electrochemical Energy Reviews, 2019, 2, 29-104.	13.1	274
1926	Green Synthesis of Self Assembled Nanospherical Dysprosium MOFs: Selective and Efficient Detection of Picric Acid in Aqueous and Gas Phase. ACS Sustainable Chemistry and Engineering, 2019, 7, 819-830.	3.2	45
1927	Photoluminescence of metal-imidazolate complexes with Cd(II), Zn(II), Co(II) and Ni(II) cation nodes and 2-methylimidazole organic linker. Journal of Luminescence, 2019, 207, 454-459.	1.5	23
1928	Preparation of Fe(III)-MOFs by microwave-assisted ball for efficiently removing organic dyes in aqueous solutions under natural light. Chemical Engineering and Processing: Process Intensification, 2019, 135, 63-67.	1.8	42
1929	Diverse structural assemblies and influence in morphology of different parameters in a series of 0D and 1D mercury(II) metalâ€“organic coordination complexes by sonochemical process. Polyhedron, 2019, 160, 20-34.	1.0	14
1930	Equation of state and structural characterization of Cu₄I₄{PPh₂(CH₂CHâ€‰=â€‰CH₂)}₄ under pressure. High Pressure Research, 2019, 39, 69-80.	0.5	5

#	Article	IF	Citations
1931	Crystal structures and magnetic properties of nitroxide radical-coordinated copper(II) and cobalt(II) complexes. Transition Metal Chemistry, 2019, 44, 283-292.	0.7	3
1932	A Solvent-Stable Zinc(II)â€“Gadolinium(III) Metalâ€“Organic Framework Assembled with Furan-2,5-Dicarboxylic Acid: Synthesis, Crystal Structure and Magnetic Property. Journal of Inorganic and Organometallic Polymers and Materials, 2019, 29, 359-364.	1.9	4
1933	Frustrated magnetism in Cu(II) based metalâ€“organic framework. Inorganica Chimica Acta, 2019, 486, 158-161.	1.2	5
1934	Detection of pesticide using the large stokes shift of luminescence of a mixed lanthanide co-doped metalâ€“organic framework. Polyhedron, 2019, 158, 277-282.	1.0	19
1935	Fabrication of Metalâ€“Organic Framework Thin Films Using Programmed Layerâ€byâ€Layer Assembly Techniques. Advanced Materials Technologies, 2019, 4, 1800413.	3.0	37
1936	Three Topological Isomers of 1D- and 2D-Coordination Polymers Consisting of Tricopper Pyrazolate SBUs and 4,4â€²-Trimethylenedipyridine Linkers: Effect of Pressure on the Structure. Crystal Growth and Design, 2019, 19, 381-390.	1.4	13
1937	Nanoscale metalâ€“organic frameworks for phototherapy of cancer. Coordination Chemistry Reviews, 2019, 379, 65-81.	9.5	309
1938	Parametric study on the mixed solvent synthesis of ZIF-8 nano- and micro-particles for CO adsorption: A response surface study. Frontiers of Chemical Science and Engineering, 2020, 14, 579-594.	2.3	20
1939	Four Zinc(II) coordination polymers with dicarboxylate and Tri(4-pyridylphenyl)amine ligand: Syntheses, crystal structures and physical properties. Journal of Molecular Structure, 2020, 1199, 127005.	1.8	4
1940	Electrochemical development of magnetic long-range correlations with Tcâ€¯=â€¯128â€¯K in a tetraoxolene-bridged Fe-based framework. Journal of Magnetism and Magnetic Materials, 2020, 494, 165818.	1.0	10
1941	Research Progress on Metal-Organic Framework Composites in Chemical Sensors. Critical Reviews in Analytical Chemistry, 2020, 50, 376-392.	1.8	39
1942	Bioactive vitaminâ€“metal compounds: other potential applications of vitamins. , 2020, , 33-49.		2
1943	Adsorptive purification of organic contaminants of emerging concern from water with metalâ€“organic frameworks. , 2020, , 47-92.		2
1944	Cadmium coordination compounds with flexible ligand 1,3-bis(1,2,4-triazol-1-yl)propane: Synthesis, structure and luminescent properties. Polyhedron, 2020, 177, 114286.	1.0	10
1945	Metal-organic frameworks based on flexible bis(imidazole) and dicarboxylic ligands and their applications as selective sensors for magnesium nitrate. Polyhedron, 2020, 178, 114349.	1.0	2
1946	Combined experimental and computational studies on preferential CO₂ adsorption over a zinc-based porous framework solid. New Journal of Chemistry, 2020, 44, 1806-1816.	1.4	4
1947	Sustainable Green Route to Synthesize Functional Nano-MOFs as Selective Sensing Probes for Cr^{VI} Oxoanions and as Specific Sequestering Agents for Cr₂O₇^{2â€}. ACS Sustainable Chemistry and Engineering, 2020, 8, 1195-1206.	3.2	30
1948	Solvent/Anion-Induced Structural Modification in a Discrete {Co₁₄} Clusters. Crystal Growth and Design, 2020, 20, 964-972.	1.4	2

#	Article	IF	Citations
1949	Enhancing magnetic hardness by sonication assisted synthesis of heterometallic carbonato spin-glass Na[Ni(H2O)4Ru2(CO3)4]Â·3H2O. Chemical Communications, 2020, 56, 1369-1372.	2.2	11
1950	Synthesis of new Î±â€aminophosphonates using nanoscale nickelâ€based metalâ€“organic framework as a heterogeneous catalyst and their antibacterial activity. Applied Organometallic Chemistry, 2020, 34, e5317.	1.7	10
1951	Synthesis, crystal structures and magnetic properties of nitronyl nitroxide radical-coordinated copper(II) complexes. Transition Metal Chemistry, 2020, 45, 195-201.	0.7	3
1952	Metalâ€“Organic Frameworks with Double Channels for Rapid and Reversible Adsorption of 1,2-Ethylenediamine and Gases. ACS Applied Materials & Interfaces, 2020, 12, 1412-1418.	4.0	14
1953	Metal-organic framework-based nanomaterials for biomedical applications. Chinese Chemical Letters, 2020, 31, 1060-1070.	4.8	88
1954	Synthesis and structural characterization of Zn(II) and Cd(II) ion directed coordination networks and their template-free fabrication to metal oxide nanomaterials. Inorganica Chimica Acta, 2020, 502, 119281.	1.2	0
1955	2D/3D coordination polymers based on di-, tri-, tetranuclear and polymeric chain units with a tricarboxylate ligand: Structures, magnetic and luminescent properties. Inorganica Chimica Acta, 2020, 513, 119944.	1.2	4
1956	Field-induced single molecule magnet behavior of a dinuclear cobalt(<scp>ii</scp>) complex: a combined experimental and theoretical study. Dalton Transactions, 2020, 49, 16778-16790.	1.6	18
1957	Structure, photoluminescence, and magnetic properties of a Mn(ii)-based metalâ€“organic framework. New Journal of Chemistry, 2020, 44, 18694-18702.	1.4	1
1958	Designing Magnetic NanoMOFs for Biomedicine: Current Trends and Applications. Magnetochemistry, 2020, 6, 39.	1.0	13
1959	Hydrogen bonding-tuned hydroxo-bridged tetra-copper Cu4(bipy)4-cluster supramolecular network to layered coordination polymer. CrystEngComm, 2020, 22, 5255-5262.	1.3	7
1960	Polar Sulfone-Functionalized Oxygen-Rich Metalâ€“Organic Frameworks for Highly Selective CO₂ Capture and Sensitive Detection of Acetylacetone at ppb Level. ACS Applied Materials & Interfaces, 2020, 12, 11724-11736.	4.0	53
1961	Bimetallic and trimetallic Cd(II) and Hg(II) mixed-ligand complexes with 1,1-dicyanoethylene-2,2-dithiolate and polyamines: Synthesis, crystal structure, Hirshfeld surface analysis, and antimicrobial study. Inorganica Chimica Acta, 2020, 512, 119877.	1.2	24
1962	Increased Photocatalytic Activity of Post Synthetically Modified Coordination Polymer Derived from Bisâ€pyridyldiamide. European Journal of Inorganic Chemistry, 2020, 2020, 3174-3186.	1.0	2
1963	Doubly mononuclear cocrystal and oxalato-bridged binuclear copper compounds containing flexible 2-((3,5,6-trichloropyridin-2-yl)oxy)acetate tectons: Synthesis, crystal analysis and magnetic properties. Inorganica Chimica Acta, 2020, 512, 119890.	1.2	111
1964	A Metalâ€“Organic Framework Based on a Nickel Bis(dithiolene) Connector: Synthesis, Crystal Structure, and Application as an Electrochemical Glucose Sensor. Journal of the American Chemical Society, 2020, 142, 20313-20317.	6.6	83
1965	Paramagnetic Conducting Metalâ€“Organic Frameworks with Threeâ€Dimensional Structure. Angewandte Chemie, 2020, 132, 21059-21064.	1.6	4
1967	Unveiling the Occurrence of Co(III) in NiCo Layered Electroactive Hydroxides: The Role of Distorted Environments. Chemistry - A European Journal, 2020, 26, 17081-17090.	1.7	10

#	Article	IF	Citations
1968	Paramagnetic Conducting Metalâ€“Organic Frameworks with Threeâ€Dimensional Structure. Angewandte Chemie - International Edition, 2020, 59, 20873-20878.	7.2	30
1969	Syntheses, structures and properties of two Ni(II) coordination polymers based on an anionic ligand deprotonated 5-((3-carboxyphenoxy)methyl)benzene-1,3-dioic acid and different neutral ligands. Inorganica Chimica Acta, 2020, 513, 119930.	1.2	4
1970	Temperatureâ€Sensitive Structural Speciation of Cobaltâ€Iminodialcoholâ€(N,N'â€Aromatic Chelator) Systems: Lattice Architecture and Spectrochemical Properties. European Journal of Inorganic Chemistry, 2020, 2020, 2919-2940.	1.0	1
1971	In situ observation of the magnetocaloric effect through neutron diffraction in the Tb(DCO₂)₃ and TbODCO₃ frameworks. Journal of Materials Chemistry C, 2020, 8, 12123-12132.	2.7	4
1972	Immobilized dyes within anionic indium coordination polymer for photocatalytic 1O2 generation. Microporous and Mesoporous Materials, 2020, 308, 110568.	2.2	6
1973	Adsorptive and Photocatalytic Dye Removal from Wastewater Using Metal-Organic Frameworks. IOP Conference Series: Materials Science and Engineering, 2020, 782, 052002.	0.3	0
1974	Influence of Thermal and Mechanical Stimuli on the Behavior of Al-CAU-13 Metalâ€“Organic Framework. Nanomaterials, 2020, 10, 1698.	1.9	3
1975	The use of C1 symmetry imidazole-carboxylate building block and auxiliary acetate co-ligand for assembly of a 2D wave-like zinc(II) coordination polymer: experimental and theoretical study. Journal of Coordination Chemistry, 2020, 73, 2250-2264.	0.8	5
1976	A mechanistic insight into the rapid and selective removal of Congo Red by an amide functionalised Zn(ii) coordination polymer. Dalton Transactions, 2020, 49, 12970-12984.	1.6	12
1977	Isolated Mixed-Valence Iron Vanadium Malate and Its Metal Hydrates (M = Fe²⁺,) Tj ETQq1 1 0.784314 rgBT /Overlock 1 Inorganic Chemistry, 2020, 59, 12768-12777.	1.9	7
1978	Copper(II)-Assisted Ligand Fragmentation Leading to Three Families of Metallamacrocycle. Inorganic Chemistry, 2020, 59, 13524-13532.	1.9	14
1979	Synthesis, structure and properties of a 3D coordination polymer based on tetranuclear copper(I) and a tetra(triazole) ligand. Journal of Coordination Chemistry, 2020, 73, 2042-2054.	0.8	2
1980	Effecting structural diversity in a series of Co(<scp>ii</scp>)â€“organic frameworks by the interplay between rigidity of a dicarboxylate and flexibility of bis(tridentate) spanning ligands. Dalton Transactions, 2020, 49, 12298-12310.	1.6	20
1981	A biocompatible ZnNa2-based metalâ€“organic framework with high ibuprofen, nitric oxide and metal uptake capacity. Materials Advances, 2020, 1, 2248-2260.	2.6	8
1982	Two d 10 metalâ€“organic frameworks based on a novel semiâ€rigid aromatic biscarboxylate ligand: Syntheses, structures and luminescent properties. Applied Organometallic Chemistry, 2020, 34, e5654.	1.7	9
1983	Linear dicarboxylate-based pyridyl-appended cobalt(ii) coordination polymers in search of opto-electronic properties. New Journal of Chemistry, 2020, 44, 9004-9009.	1.4	9
1985	Synthesis, crystal structure, thermal stability, and magnetic properties of a paramagnetic Co(II) 4,4â€²-(2,5-difluoro-1,4-phenylene)dipyridine. Monatshefte FÃ¼r Chemie, 2020, 151, 751-756.	0.9	0
1986	Impact of solid-state photochemical [2+2] cycloaddition on coordination polymers for diverse applications. Dalton Transactions, 2020, 49, 9556-9563.	1.6	37

#	Article	IF	Citations
1987	Controlled synthesis of ZnO nanoparticles from a Zn(II) coordination polymer: Structural characterization, optical properties and photocatalytic activity. Applied Organometallic Chemistry, 2020, 34, e5858.	1.7	7
1988	Group 13 Metal Halide Based Coordination Polymers of Al, Ga, In and 2,4,6â€Tri(4â€pyridyl)â€1,3,5â€triazine. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 1555-1562.	0.6	13
1989	Semiconductive microporous hydrogen-bonded organophosphonic acid frameworks. Nature Communications, 2020, 11, 3180.	5.8	50
1990	Copper(II) biocompatible coordination solids as potential platforms for diclofenac delivery systems. Journal of Solid State Chemistry, 2020, 289, 121479.	1.4	3
1991	Metalâ€“Metalloligand Coordination Polymer Embedding Triangular Cobaltâ€“Oxo Clusters: Solvent- and Temperature-Induced Crystal to Crystal Transformations and Associated Magnetism. Inorganic Chemistry, 2020, 59, 8935-8945.	1.9	19
1992	Transition metal complexes constructed by pyridineâ€“amino acid: fluorescence sensing and catalytic properties. Transition Metal Chemistry, 2020, 45, 423-433.	0.7	10
1993	Surface-mediated construction of diverse coordination-dominated nanostructures with 4-azidobenzoic acid molecule. Journal of Chemical Physics, 2020, 152, 044704.	1.2	5
1994	Insensitivity of Magnetic Coupling to Ligand Substitution in a Series of Tetraoxolene Radical-Bridged Fe2 Complexes. Inorganic Chemistry, 2020, 59, 4634-4649.	1.9	14
1995	Taking lanthanides out of isolation: tuning the optical properties of metalâ€“organic frameworks. Chemical Science, 2020, 11, 4164-4170.	3.7	12
1996	Magnetic metalâ€“organic framework composites for environmental monitoring and remediation. Coordination Chemistry Reviews, 2020, 413, 213261.	9.5	82
1997	A periodic table of metal-organic frameworks. Coordination Chemistry Reviews, 2020, 414, 213295.	9.5	84
1998	Post-synthetic modification of porous materials: superprotonic conductivities and membrane applications in fuel cells. Journal of Materials Chemistry A, 2020, 8, 7474-7494.	5.2	122
1999	Multiferroic and thermal expansion properties of metal-organic frameworks. Journal of Applied Physics, 2020, 127, .	1.1	25
2000	Crystal structures and the ferroelectric properties of homochiral metalâ€“organic frameworks constructed from a single chiral ligand. Dalton Transactions, 2020, 49, 10402-10406.	1.6	8
2001	Nonâ€Interpenetrated Singleâ€Crystal Covalent Organic Frameworks. Angewandte Chemie - International Edition, 2020, 59, 17991-17995.	7.2	60
2002	Construction of highly water-stable fluorinated 2D coordination polymers with various N, Nâ€™-donors: Syntheses, crystal structures and photoluminescence properties. Journal of Solid State Chemistry, 2020, 290, 121560.	1.4	4
2003	Electrical conductivity and magnetic bistability in metalâ€“organic frameworks and coordination polymers: charge transport and spin crossover at the nanoscale. Chemical Society Reviews, 2020, 49, 5601-5638.	18.7	122
2004	Nonâ€Interpenetrated Singleâ€Crystal Covalent Organic Frameworks. Angewandte Chemie, 2020, 132, 18147-18151.	1.6	5

#	Article	IF	Citations
2005	Dramatic luminescence signal from a Co(ii)-based metalâ€“organic compound due to the construction of charge-transfer bands with Al3+ and Fe3+ ions in water: steady-state and time-resolved spectroscopic studies. New Journal of Chemistry, 2020, 44, 4376-4385.	1.4	6
2006	Two series of lanthanide complexes with 4-chlorophenylacetate ligand displaying luminescence and significant magnetocaloric effect. Journal of Molecular Structure, 2020, 1208, 127887.	1.8	4
2007	Exchange coupled Co(<scp>ii</scp>) based layered and porous metalâ€“organic frameworks: structural diversity, gas adsorption, and magnetic properties. Dalton Transactions, 2020, 49, 4012-4021.	1.6	18
2008	Metalâ€“Organic Framework Magnets. Chemical Reviews, 2020, 120, 8716-8789.	23.0	369
2009	An Electroactive Zinc-based Metalâ€“Organic Framework: Bifunctional Fluorescent Quenching Behavior and Direct Observation of Nitrobenzene. Inorganic Chemistry, 2020, 59, 2997-3003.	1.9	20
2010	A natural polysaccharide mediated MOF-based Ce6 delivery system with improved biological properties for photodynamic therapy. Journal of Materials Chemistry B, 2020, 8, 1481-1488.	2.9	72
2011	Proximity Effect in Crystalline Framework Materials: Stackingâ€Induced Functionality in MOFs and COFs. Advanced Functional Materials, 2020, 30, 1908004.	7.8	64
2012	Construction of 3D lanthanide based MOFs with pores decorated with basic imidazole groups for selective capture and chemical fixation of CO₂. New Journal of Chemistry, 2020, 44, 9090-9096.	1.4	15
2013	Metal-organic frameworks for biomedical applications: The case of functional ligands. , 2020, , 69-92.		5
2014	BioMOFs. , 2020, , 321-345.		3
2015	Metal-organic frameworks and exemplified cytotoxicity evaluation. , 2020, , 347-381.		1
2016	Thermodynamic, Physical, and Structural Characteristics in Layered Hybrid Type (C2H5NH3)2MCl4 (M =) Tj ETQq1 1 0.784314 rgBT /O	1.7	0
2017	Heterometallic Cluster Coordination Polymers Assembled from Cuprous-Halide Clusters and Organotinâ€“Oxygen Pyridinecarboxylate Clusters. Crystal Growth and Design, 2020, 20, 3795-3800.	1.4	8
2018	Magnetic Tunability in RE-DOBDC MOFs via NO_x Acid Gas Adsorption. ACS Applied Materials & Interfaces, 2020, 12, 19504-19510.	4.0	39
2019	Metal ion detection using luminescent-MOFs: Principles, strategies and roadmap. Coordination Chemistry Reviews, 2020, 415, 213299.	9.5	158
2020	Metalâ€“organic frameworks and their catalytic applications. Journal of Saudi Chemical Society, 2020, 24, 461-473.	2.4	75
2021	Assorted functionality-appended UiO-66-NH₂ for highly efficient uranium(<scp>vi</scp>) sorption at acidic/neutral/basic pH. RSC Advances, 2020, 10, 14650-14661.	1.7	34
2022	Metal Halide Perovskite Nanocrystals in Metalâ€“Organic Framework Host: Not Merely Enhanced Stability. Angewandte Chemie, 2021, 133, 7564-7577.	1.6	16

#	Article	IF	Citations
2023	Metal Halide Perovskite Nanocrystals in Metalâ€“Organic Framework Host: Not Merely Enhanced Stability. Angewandte Chemie - International Edition, 2021, 60, 7488-7501.	7.2	80
2024	Topology: ToposPro. , 2021, , 389-412.		23
2025	Recent advances in naphthalenediimide-based metal-organic frameworks: Structures and applications. Coordination Chemistry Reviews, 2021, 430, 213665.	9.5	65
2026	The Missing Link in the Magnetism of Hybrid Cobalt Layered Hydroxides: The Oddâ€“Even Effect of the Organic Spacer. Chemistry - A European Journal, 2021, 27, 921-927.	1.7	10
2027	Effect of pyridyl donors from organic ligands versus metalloligands on material design. Inorganic Chemistry Frontiers, 2021, 8, 1334-1373.	3.0	18
2028	Microwave absorption performance of 2D Iron-Quinoid MOF. Chemical Engineering Journal, 2021, 405, 126637.	6.6	77
2029	A 3D Cuâ€Naphthaleneâ€Phosphonate Metalâ€“Organic Framework with Ultraâ€High Electrical Conductivity. Advanced Functional Materials, 2021, 31, 2007294.	7.8	29
2030	Two d10 coordination polymers based on 4-(4H-1,2,4-triazol-4-yl)benzenesulfonic acid ligand: Syntheses, structures, photoluminescence, and sensing property. Inorganica Chimica Acta, 2021, 514, 119987.	1.2	1
2031	Synthesis, characterization, structural studies, DNA interaction, and cytotoxic studies of palladium(II) mixed-ligand complexes containing 2,2â€²-bipyridine, 5,6-dimethyl-1,10-phenanthroline and tetrazole-5-thiol ligands. Inorganica Chimica Acta, 2021, 514, 119953.	1.2	7
2032	Postâ€Synthetic Modification of Metalâ€“Organic Frameworks Toward Applications. Advanced Functional Materials, 2021, 31, 2006291.	7.8	266
2033	Terpyridineâ€Based 3D Metalâ€“Organicâ€Frameworks: A Structureâ€“Property Correlation. Chemistry - A European Journal, 2021, 27, 5858-5870.	1.7	26
2034	A metalâ€“organic framework that exhibits CO2-induced transitions between paramagnetism and ferrimagnetism. Nature Chemistry, 2021, 13, 191-199.	6.6	71
2035	Two luminescent Ni(II) coordination polymers for sensing of iron(III) ions/benzaldehyde and photocatalytic degradation of methylene blue under UV irradiation. Journal of Molecular Structure, 2021, 1225, 129128.	1.8	18
2036	A novel penta-nuclear cobalt cluster exhibiting slow magnetic relaxation behavior. Journal of Molecular Structure, 2021, 1223, 129220.	1.8	5
2037	Synthesis, structure, magnetic property and selective dye absorption of a coordination polymer with intrinsic positive charged sites. Inorganic Chemistry Communication, 2021, 123, 108323.	1.8	1
2038	Electrically conductive 1D coordination polymers: design strategies and controlling factors. Dalton Transactions, 2021, 50, 29-38.	1.6	33
2039	A different approach: highly encapsulating macrocycles being used as organic tectons in the building of CPs. CrystEngComm, 2021, 23, 453-464.	1.3	2
2040	Semiconducting properties of pyridyl appended linear dicarboxylate based coordination polymers: theoretical prediction via DFT study. Dalton Transactions, 2021, 50, 270-278.	1.6	8

#	Article	IF	Citations
2041	Successive magnetic ordering in two CoII-ladder metal-organic frameworks. Science China Chemistry, 2021, 64, 22-28.	4.2	2
2042	Ionothermal synthesis of octahedral lanthanoid coordination networks exhibiting slow magnetization relaxation and efficient photoluminescence. Dalton Transactions, 2021, 50, 1293-1299.	1.6	8
2043	Investigation of the MOF adsorbents and the gas adsorptive separation mechanisms. Journal of Environmental Chemical Engineering, 2021, 9, 104790.	3.3	46
2044	Supramolecular isomerism in two nickel(II) coordination polymers constructed with the flexible 2-carboxyphenoxyacetate linker: Syntheses, structure analyses and magnetic properties. Journal of Solid State Chemistry, 2021, 293, 121799.	1.4	108
2045	Deciphering supramolecular isomerization in coordination polymers: connected molecular squares vs. fused hexagons. Dalton Transactions, 2021, 50, 2221-2232.	1.6	4
2046	Metalâ€“organic frameworks and their derivatives for electrically-transduced gas sensors. Coordination Chemistry Reviews, 2021, 426, 213479.	9.5	145
2047	Magnetocaloric Ln(HCO₂)(C₂O₄) frameworks: synthesis, structure and magnetic properties. Journal of Materials Chemistry C, 2021, 9, 13209-13217.	2.7	8
2048	Discrete unusual mixed-bridged trinuclear CoIII2CoII and pentanuclear NiII coordination complexes supported by a phenolate-based ligand: theoretical and experimental magneto-structural study. New Journal of Chemistry, 2021, 45, 6053-6066.	1.4	4
2049	Synthesis, crystal structures, dielectric and magnetic properties of manganese sulfonyldibenzoates. CrystEngComm, 2021, 23, 6703-6723.	1.3	5
2050	MOF-74-type frameworks: tunable pore environment and functionality through metal and ligand modification. CrystEngComm, 2021, 23, 1377-1387.	1.3	38
2051	Molecular S = 2 High-Spin, S = 0 Low-Spin and S = 0 â‡„ 2 Spin-Transition/-Crossover Nickel(II)-Bis(nitroxide) Coordination Compounds. Inorganics, 2021, 9, 10.	1.2	6
2052	L-Tryptophan metal-organic frameworks based on transition metals: Preparation, characterization and application for ruthenium3+ ions sorption. AIP Conference Proceedings, 2021, , .	0.3	0
2053	Molecular magnetism in nanodomains of isoreticular MIL-88(Fe)-MOFs. Physical Chemistry Chemical Physics, 2021, 23, 21677-21689.	1.3	10
2054	Simple synthesis of novel magnetic silver polymer nanocomposites with a good separation capacity and intrinsic antibacterial activities with high performance. Dalton Transactions, 2021, 50, 15538-15550.	1.6	2
2055	Structural diversity and magnetic properties of six ferrocenyl monocarboxylate Mn(<scp>ii</scp>), Ni(<scp>ii</scp>) and Co(<scp>ii</scp>) complexes with 1D aqua, carboxyl or dinuclear hydroxyl bridges. CrystEngComm, 2021, 23, 3185-3195.	1.3	5
2056	Syntheses, Structures and Magnetic Properties of Cobalt(II) Coordination Polymers Based on Semi-Rigid Polycarboxylic Acid Ligand. Journal of Cluster Science, 2022, 33, 619-626.	1.7	2
2057	Sensitive magnetic-field-response magnetization dynamics in a one-dimensional dysprosium coordination polymer. Inorganic Chemistry Frontiers, 2021, 8, 4657-4665.	3.0	13
2058	Guest-selective and reversible magnetic phase switching in a pseudo-pillared-layer porous magnet. Chemical Communications, 2021, 57, 5211-5214.	2.2	7

#	Article	IF	Citations
2059	Synthesis and characterization of new coordination compounds by the use of 2-pyridinemethanol and di- or tricarboxylic acids. CrystEngComm, 2021, 23, 5489-5497.	1.3	3
2060	Syntheses, design strategies, and photocatalytic charge dynamics of metalâ€“organic frameworks (MOFs): a catalyzed photo-degradation approach towards organic dyes. Catalysis Science and Technology, 2021, 11, 3946-3989.	2.1	134
2061	Encapsulating NH4Br in metal organic framework: achieving remarkable proton conduction in wide relative humidity range. Dalton Transactions, 2021, 50, 15321-15326.	1.6	0
2062	Metal Oxides for Removal of Arsenic Contaminants from Water. Environmental Chemistry for A Sustainable World, 2021, , 147-194.	0.3	1
2063	Applications of metal-organic frameworks in analytical chemistry. , 2021, , 167-230.		2
2064	A new series of 3D lanthanide phenoxycarboxylates: synthesis, crystal structure, magnetism and photoluminescence studies. CrystEngComm, 2021, 23, 4143-4151.	1.3	13
2065	Two-Dimensional Metal-Organic Framework Materials: Synthesis, Structures, Properties and Applications. Chemical Reviews, 2021, 121, 3751-3891.	23.0	442
2066	Encapsulation of Luminescent Guests to Construct Luminescent Metalâ€“Organic Frameworks for Chemical Sensing. ACS Sensors, 2021, 6, 641-658.	4.0	184
2067	Coordination Geometry Changes in Amorphous Cyanide-Bridged Metalâ€“Organic Frameworks upon Water Adsorption. Inorganic Chemistry, 2021, 60, 3338-3344.	1.9	14
2068	3D Metalâ€“Organic Frameworks Based on Co(II) and Bithiophendicarboxylate: Synthesis, Crystal Structures, Gas Adsorption, and Magnetic Properties. Molecules, 2021, 26, 1269.	1.7	15
2069	Metal(II) Ion Dependence of the Structures and Properties of Square-Grid Coordination Polymers of Tetrabromobenzenedicarboxylate and Pyrazine as Bridging Ligands. Bulletin of the Chemical Society of Japan, 2021, 94, 1571-1578.	2.0	1
2070	Experimental 1H and 13C Solid-State NMR Signal Assignment of Paramagnetic Copper (II) 2-Pyrazine-Carboxylate Complex using Density Functional Theory Calculations. Journal of Physics: Conference Series, 2021, 1819, 012032.	0.3	2
2071	Two new uncommon 3D cobalt-based metal organic frameworks: Temperature induced syntheses and enhanced photocatalytic properties against aromatic dyes. Dyes and Pigments, 2021, 187, 109068.	2.0	23
2072	Synthesis, crystal structures, and magnetic properties of nitroxide radical-coordinated manganese(II) and cobalt(II) complexes. Journal of Chemical Research, 2021, 45, 788-794.	0.6	0
2073	Synthesis, structure and properties of a novel Cu(II)-MOF {[Cu2L(OH)]Â·DMF}n based on a semi-rigid polycarboxylic acid ligand. Inorganic Chemistry Communication, 2021, 125, 108449.	1.8	5
2074	Heterometallic CuIIâ€“LnIII complexes: Single molecule magnets and magnetic refrigerants. Coordination Chemistry Reviews, 2021, 432, 213707.	9.5	48
2075	Coordination Polymers Based on Amphiphilic Oligomeric Silsesquioxanes and Transition Metal Ions (Co^{2 +}, Ni²⁺): Structure and Stimuliâ€Responsive Properties. Macromolecular Materials and Engineering, 2021, 306, 2100085.	1.7	1
2076	Photoconductive Coordination Polymer with a Leadâ€“Sulfur Two-Dimensional Coordination Sheet Structure. Inorganic Chemistry, 2021, 60, 5436-5441.	1.9	4

#	Article	IF	Citations
2077	Joint Experimental and Theoretical Studies of Two Cu(II) Complexes with a 1,2,3-Triazole Derivative as Ligand: SCSC Transformation and Tunable Magnetic Properties. Crystal Growth and Design, 2021, 21, 2744-2753.	1.4	7
2078	Crystal structure of [aqua-(4-iodopyridine-2,6-dicarboxylato-Î²3 O,N,Oâ€²)-(1,10-phenanothroline-Î²2) Tj ETQq1 1 0.784314 rgBT /Ove 2021, 236, 891-893.	0.1	4
2079	Composite Materials Manufactured by Photopolymer 3D Printing with Metal-Organic Frameworks. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2021, 47, 319-325.	0.3	7
2080	Magnetic Switching in Vapochromic Oxalato-Bridged 2D Copper(II)-Pyrazole Compounds for Biogenic Amine Sensing. Magnetochemistry, 2021, 7, 65.	1.0	5
2081	Recent advances in luminescent metalâ€“organic frameworks (LMOFs) based fluorescent sensors for antibiotics. Coordination Chemistry Reviews, 2021, 435, 213793.	9.5	90
2082	Generalized Heisenberg-Type Magnetic Phenomena in Coordination Polymers with Nickelâ€“Lanthanide Dinuclear Units. Journal of Physical Chemistry C, 2021, 125, 11182-11196.	1.5	7
2083	Coordination Polymer Frameworks for Next Generation Optoelectronic Devices. , 0, , .		0
2084	Enantiopure Polyradical Tetrahedral Pd 12 L 6 Cages. Chemistry - A European Journal, 2021, 27, 10012-10015.	1.7	2
2085	A Multifunctional 3D Supermolecular Co Coordination Polymer With Potential for CO2 Adsorption, Antibacterial Activity, and Selective Sensing of Fe3+/Cr3+ Ions and TNP. Frontiers in Chemistry, 2021, 9, 678993.	1.8	5
2086	Reversible Electroactive Behavior in a Zn-Based Metalâ€“Organic Framework via Mild Oxidation Potential. Inorganic Chemistry, 2021, 60, 11458-11465.	1.9	2
2087	Reviewâ€”Application of Photoluminescent and Electroluminescent Metal-Organic Frameworks in White Light-Emitting Diodes. ECS Journal of Solid State Science and Technology, 2021, 10, 086009.	0.9	8
2088	The Magnetism of Metalâ€“Organic Frameworks for Spintronics. Bulletin of the Korean Chemical Society, 2021, 42, 1170-1183.	1.0	18
2089	Dimeric SMM Rungs. Molecules, 2021, 26, 5626.	1.7	3
2090	Lanthanideâ€Based Metalâ€Organicâ€Frameworks for Proton Conduction and Magnetic Properties. European Journal of Inorganic Chemistry, 2021, 2021, 4610-4618.	1.0	15
2091	Crystal structure of 1,1â€²-(1,3-phenylenebis(methylene))bis(pyridin-1-ium) bis(1,2-dicyanoethene-1,2-dithiolato-Î²2 S:S) palladium(II), C26H18N6PdS4. Zeitschrift Fur Kristallographie - New Crystal Structures, 2021, .	0.1	2
2092	Recent progress on 2D magnets: Fundamental mechanism, structural design and modification. Applied Physics Reviews, 2021, 8, .	5.5	202
2093	Synthesis and Investigation of Magnetic Properties of Rod Shaped Micron Sized Ni 4 and Co 2 Ni 2 Cluster based MOFs. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2021, 647, 1939.	0.6	0
2094	Strain-Controlled Spin Transition in Heterostructured Metalâ€“Organic Framework Thin Film. Journal of the American Chemical Society, 2021, 143, 16128-16135.	6.6	18

#	Article	IF	Citations
2095	A mixed-valence CuII/CuI coordination polymer based on bridged thiocyanate and in situ formed di(N-heterocyclic) sulfide: Synthesis, structure, and magnetic properties. Journal of Molecular Structure, 2021, 1241, 130623.	1.8	4
2096	A 'two-in-one' crystal having two different dimensionality in the extended structures: a series of cadmium(II) coordination polymers from V-shaped organic linkers. Polyhedron, 2021, , 115508.	1.0	0
2097	Controlled preparation of a cd(II) coordination polymer via green sonochemical synthesis: new precursors for the preparation of cadmium(II) oxide. Journal of Coordination Chemistry, 2021, 74, 2606-2616.	0.8	0
2098	Solvent mediated photoluminescence responses over mixed-linker cadmium (II) based metalâ€“organic frameworks. Polyhedron, 2021, 208, 115444.	1.0	1
2099	Cobalt metal-organic coordination polymer constructed from 2,3â€²-oxybisbenzoic acid and 1,3-di(pyridin-4-yl)propane: Crystal structure, slow magnetic relaxation and catalytic properties. Journal of Solid State Chemistry, 2021, 304, 122603.	1.4	6
2100	Water-assisted spin-flop antiferromagnetic behaviour of hydrophobic Cu-based metalâ€“organic frameworks. Dalton Transactions, 2021, 50, 5754-5758.	1.6	5
2101	Metal-Organic Frameworks: Synthetic Methods and Potential Applications. Materials, 2021, 14, 310.	1.3	112
2102	The synthesis and characterization of Zn(<scp>ii</scp>)/Cd(<scp>ii</scp>) based MOFs by a mixed ligand strategy: a Zn(<scp>ii</scp>) MOF as a dual functional material for reversible dye adsorption and as a heterogeneous catalyst for the Biginelli reaction. Materials Chemistry Frontiers, 2021, 5, 304-314.	3.2	52
2103	Constructions of seven noncovalent-bonded supramolecules from reactions of Cu(II)/Cd(II)/Zn(II) with isonicotinamide and carboxylates. Inorganic and Nano-Metal Chemistry, 2021, 51, 1842-1859.	0.9	3
2104	Synthesis of tricarboxylic acid based metal organic frameworks: Structural and gas adsorption studies. Journal of Molecular Structure, 2021, 1224, 129161.	1.8	1
2105	Expanding the NUIG MOF family: synthesis and characterization of new MOFs for selective CO₂ adsorption, metal ion removal from aqueous systems, and drug delivery applications. Dalton Transactions, 2021, 50, 6997-7006.	1.6	11
2106	An investigation of two copper(<scp>ii</scp>) complexes with a triazole derivative as a ligand: magnetic and catalytic properties. RSC Advances, 2021, 11, 23442-23449.	1.7	16
2107	The Amazing Chemistry of Metal-Organic Frameworks. , 2017, , 339-369.		3
2108	Mixed-ligand coordination compounds based on the rigid 4,4â€²-bis(1-imidazolyl)biphenyl and pyridinedicarboxylate ligands. Inorganica Chimica Acta, 2018, 482, 526-534.	1.2	14
2109	One dimensional carboxylatocopper(II) coordination polymers with 4-pyridylmethanol. Inorganica Chimica Acta, 2020, 510, 119763.	1.2	2
2110	Multi-component hybrid soft ionogels for photoluminescence tuning and sensing organic solvent vapors. Journal of Colloid and Interface Science, 2018, 513, 133-140.	5.0	20
2111	Antiparasitic, anti-inflammatory and cytotoxic activities of 2D coordination polymers based on 1H-indazole-5-carboxylic acid. Journal of Inorganic Biochemistry, 2020, 208, 111098.	1.5	11
2112	Two new 4-coordinate Cu(II) chains with 1,2,3-triazole derivate as bridging ligand: Synthesis, structures and magnetic properties. Journal of Molecular Structure, 2020, 1217, 128165.	1.8	3

#	Article	IF	Citations
2113	Surface-coordinated metalâ€“organic framework thin films (SURMOFs) for electrocatalytic applications. Nanoscale, 2020, 12, 12712-12730.	2.8	35
2114	Many-body localization from random magnetic anisotropy. Physical Review Research, 2019, 1, .	1.3	3
2115	The syntheses, structures, and magnetic properties of two mononuclear manganese(II) complexes involving in situ hydrothermal decarboxylation. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2020, 75, 567-575.	0.3	7
2116	The Influence of Diamagnetic Substrates Absorption on Magnetic Properties of Porous Coordination Polymers. Current Inorganic Chemistry, 2013, 3, 144-160.	0.2	12
2117	Stability and Hydration/Dehydration Mechanisms of a Carboxylate-Containing Metal-Organic Framework. World Journal of Mechanics, 2018, 08, 1-10.	0.1	1
2118	A Series of 3D Lanthanide Complexes Containing (La(III), Sm(III) and Gd(III)) Metal-organic Frameworks: Synthesis, Structure, Characterization and Their Luminescent Properties. Bulletin of the Korean Chemical Society, 2012, 33, 3777-3787.	1.0	3
2119	Synthesis and Structure of a 3-D Metal-Organic Framework, [Cd₂(1,4-cyclohexanedicarboxylate)₂Â·DMF], Comprising Unusual Two Different Ligand Conformations. Bulletin of the Korean Chemical Society, 2012, 33, 3111-3114.	1.0	10
2120	Biomedical applications of metalâ€“organic framework (MOF)-based nano-enzymes. New Journal of Chemistry, 2021, 45, 20987-21000.	1.4	59
2121	Recent developments in magnetic nanoparticles and nano-composites for wastewater treatment. Journal of Environmental Chemical Engineering, 2021, 9, 106553.	3.3	42
2122	MOFâ€Based Sustainable Memory Devices. Advanced Functional Materials, 2022, 32, 2107949.	7.8	31
2123	Surface-coordinated metal-organic framework thin films (SURMOFs): From fabrication to energy applications. EnergyChem, 2021, 3, 100065.	10.1	25
2124	State of the art on the ultrasonic-assisted removal of environmental pollutants using metal-organic frameworks. Journal of Hazardous Materials, 2022, 424, 127558.	6.5	71
2125	POP-Type MMX-Chain Compounds with Binary Countercations and Vapochromism. , 2013, , 207-230.		0
2126	Hexaaquacobalt(II) 2,2â€²-[naphthalene-1,8-diylbis(oxy)]diacetate dihydrate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, m103-m104.	0.2	0
2127	Poly[[(Î¼2-benzene-1,3-dicarboxylato){Î¼2-1,4-bis[(1H-imidazol-1-yl)methyl]benzene}cadmium] dimethylformamide monosolvate]. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, m616-m617.	0.2	0
2128	Crystal structure of poly[[{Î¼2-1,4-bis[(1H-imidazol-1-yl)methyl]benzene}(Î¼6-5-(4-carboxylatophenoxy)isophthalato)-Î¼3-hydroxido-dizinc(II)] 0.25-hydrate]. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, m376-m377.	0.2	0
2129	Nitrogen Ligand-Based Molecular Building Blocks. , 2017, , 207-242.		0
2130	Crystal structure of 1,1â€²-(1,4-phenylenebis(methylene))bis(pyridin-1-ium) bis(1,2-dicyanoethene-1,2-dithiolato-Îº2 S,S) platinum(II), C26H18N6PtS4. Zeitschrift Fur Kristallographie - New Crystal Structures, 2021, .	0.1	0

#	Article	IF	Citations
2131	Synthesis, crystal structure, and magnetic properties of a nitronyl nitroxide biradical-coordinated copper(II) complex. Journal of Chemical Research, 0, , 174751982098253.	0.6	0
2132	Metal-Organic Frameworks (MOFs). Engineering Materials, 2021, , 105-146.	0.3	0
2133	Nickel-based bimetallic battery-type materials for asymmetric supercapacitors. Coordination Chemistry Reviews, 2022, 451, 214242.	9.5	86
2134	Structural diversity of Mn(II) and Cu(II) complexes based on 2-carboxyphenoxyacetate linker: Syntheses, conformation comparison and magnetic properties. Journal of Solid State Chemistry, 2022, 305, 122636.	1.4	32
2135	Luminescent properties of activated forms of rigid ligand Cd(II)-coordination polymers sustained by hydrogen bond. Inorganica Chimica Acta, 2022, 529, 120660.	1.2	4
2137	Topological evolution of correlated band structures and heavy-fermion-like behavior in a molybdenum-based metal organic framework C48S36Mo6. Journal of Physics Condensed Matter, 2020, 32, 295503.	0.7	0
2138	Smart Metalâ€“Organic Frameworks for Biotechnological Applications: A Mini-Review. ACS Applied Bio Materials, 2021, 4, 8159-8171.	2.3	26
2140	Construction of poly-iodine aromatic carboxylate Mn/Co frameworks and iodine adsorption behavior. Transition Metal Chemistry, 2021, 46, 633-644.	0.7	2
2141	Engineering Heteronuclear Arrays from <scp>Ir^{III}â€Metalloligand</scp> and <scp>Co^{II}</scp> Showing Coexistence of Slow Magnetization Relaxation and Photoluminescence. Chinese Journal of Chemistry, 2022, 40, 931-938.	2.6	4
2142	3D printing of metalâ€“organic framework composite materials for clean energy and environmental applications. Journal of Materials Chemistry A, 2021, 9, 27252-27270.	5.2	29
2143	Urea and thiourea based coordination polymers and metal-organic frameworks: Synthesis, structure and applications. Coordination Chemistry Reviews, 2022, 453, 214314.	9.5	24
2144	Structure diversity and magnetic properties of manganese and cobalt coordination polymers with multiple carboxyl bridges. Inorganica Chimica Acta, 2022, 533, 120788.	1.2	3
2145	The Synthesis and Characterization of a Novel One-Dimensional Bismuth (III) Coordination Polymer as a Precursor for the Production of Bismuth (III) Oxide Nanorods. Crystals, 2022, 12, 113.	1.0	4
2146	Development of magnetocaloric coordination polymers for low temperature cooling. Dalton Transactions, 2022, , .	1.6	13
2147	NUIG4: A biocompatible pcu metalâ€“organic framework with an exceptional doxorubicin encapsulation capacity. Journal of Materials Chemistry B, 2022, 10, 1378-1385.	2.9	4
2148	Design of an antenna effect Eu(<scp>iii</scp>)-based metalâ€“organic framework for highly selective sensing of Fe³⁺. Dalton Transactions, 2022, 51, 2890-2897.	1.6	11
2149	Reversible Oneâ€•to Twoâ€•to Threeâ€Dimensional Transformation in Cu^{II} Coordination Polymer. Angewandte Chemie - International Edition, 2022, 61, .	7.2	18
2150	Preparation and Characterization of a New Chiral Metal-Organic Framework with Spiranes. Journal of Molecular Structure, 2022, , 132538.	1.8	3

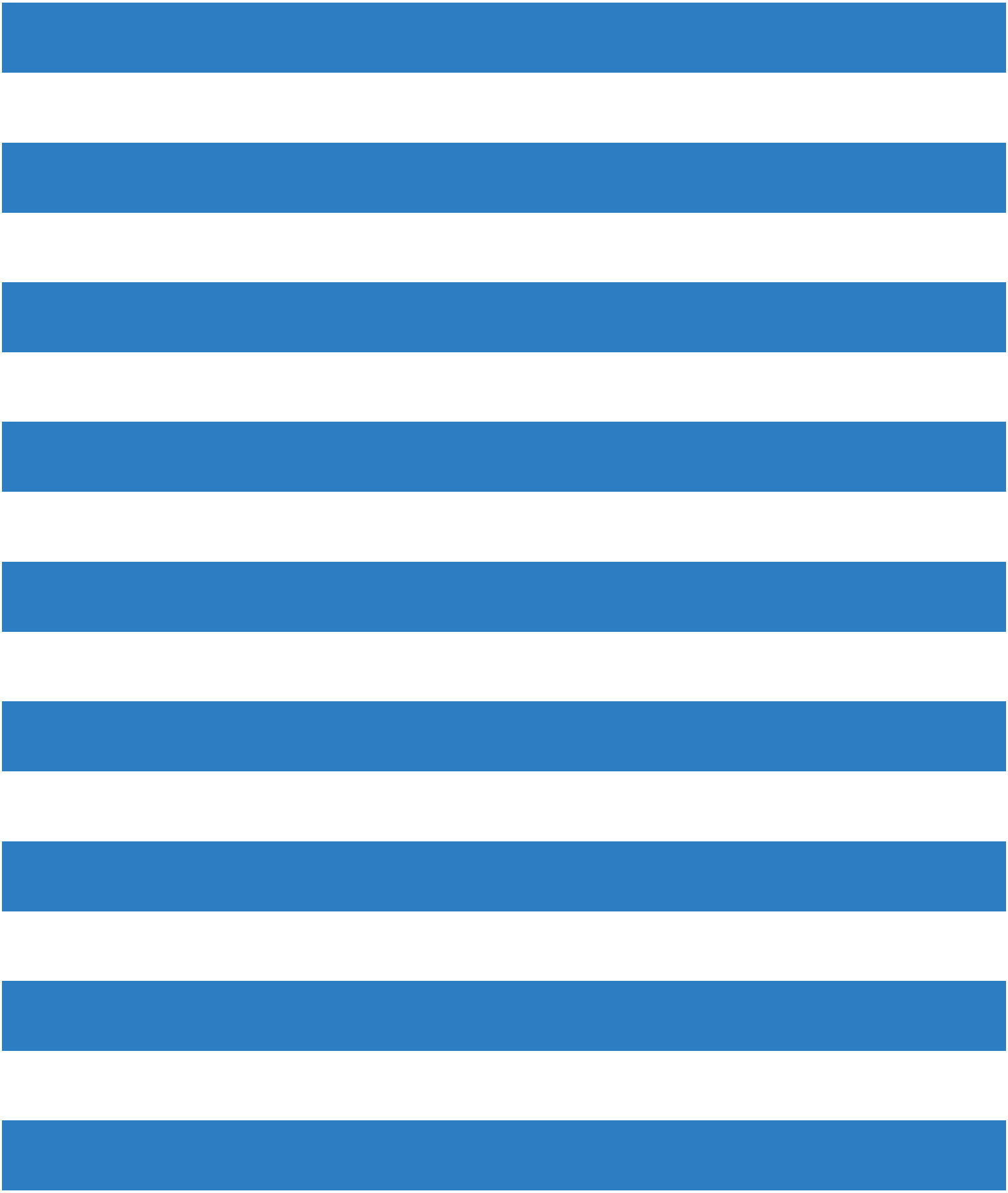
#	Article	IF	Citations
2151	1D/2D/3D Reversible Dimensional Transformation in Cu(II) Coordination Polymer. Angewandte Chemie, 0, , .	1.6	0
2152	CoZn-ZIF-derived carbon-supported Cu catalyst for methanol oxidative carbonylation to dimethyl carbonate. New Journal of Chemistry, 2022, 46, 7452-7463.	1.4	7
2153	Coordination polymers based on aluminum and indium halides together with pyrazine. Australian Journal of Chemistry, 2022, 75, 676-683.	0.5	4
2154	New Isomorphous Complexes of Co(Ii) and Zn(Ii) with the 5-Nitroorotate Ligand: Crystal and Molecular Structures, Spectroscopic and Dft Studies, Magnetic Properties and Antimicrobial Activities. SSRN Electronic Journal, 0, , .	0.4	0
2155	Selective luminescent sensing of metal ions and nitroaromatics over a porous mixed-linker cadmium(<scp>ii</scp>) based metalâ€“organic framework. New Journal of Chemistry, 2022, 46, 8523-8533.	1.4	6
2157	The Complete Series of Lanthanoid-Chloranilato Lattices with Dimethylsulfoxide: Role of the Lanthanoid Size on the Coordination Number and Crystal Structure. Crystals, 2022, 12, 261.	1.0	4
2158	Crystal structure, IR, TG, and magnetic properties of a thiabendazole aqua-cobalt(II) 4,4'-stilbenedicarboxylate. Inorganic and Nano-Metal Chemistry, 2022, 52, 1012-1018.	0.9	0
2159	The Journey from Porous Materials to Metal-organic Frameworks and their Catalytic Applications: A Review. Current Organic Synthesis, 2023, 20, 220-237.	0.7	1
2160	Crystal Structures and Fluorescent Properties of Two Distinct 2D Ag(I)/Cd(II) Coordination Polymers Based on Isonicotinic Acid Derivative and Dipyridyl Coligand. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2022, 48, 118-126.	0.3	0
2161	The crystal structure of poly[diaqua-(Î¼₃-5-nitrobenzene-1,2,3-tricarboxylato-<i>Îº</i>) Tj ETQq1 1 0.784314 rgBT /Overlo C₃₈H₃₀Cu₃N₈O₂₀. Zeitschrift Fur Kristallographie - New Crystal Structures, 2022, , .	0.1	0
2162	Effective nonfrustrated model of the antiferromagnetic spin-1/2 ladder. Low Temperature Physics, 2022, 48, 200-205.	0.2	0
2163	Investigations of the Magnetocaloric and Thermal Expansion Properties of the Ln₃(adipate)_{4.5}(DMF)₂ (Ln = Gdâ€“Er) Framework Series. Inorganic Chemistry, 2022, 61, 4957-4964.	1.9	7
2164	Dynamic Cantilever Magnetometry of Paramagnetism with Slow Relaxation. Chinese Physics Letters, 2022, 39, 037501.	1.3	0
2165	Chiral Metalâ€“Organic Frameworks. Chemical Reviews, 2022, 122, 9078-9144.	23.0	175
2166	Enhancing Capacity and Stability of Anionic MOFs as Electrode Material by Cation Exchange. Frontiers in Chemistry, 2022, 10, 836325.	1.8	1
2167	Iodineâ€Chemisorption, Interpenetration and Polycatenation: Cationic MOFs and CPs from Group 13 Metal Halides and Diâ€Pyridylâ€Linkers. Chemistry - A European Journal, 2022, 28, .	1.7	2
2168	Stable Triarylmethyl Radicals and Cobalt(II) Ions Based 1D/2D Coordination Polymers. Chemistry - A European Journal, 2022, , .	1.7	1
2169	New isomorphous complexes of Co(II) and Zn(II) with the 5-nitroorotate ligand: Crystal and molecular structures, spectroscopic and DFT studies, magnetic properties and antimicrobial activities. Polyhedron, 2022, 222, 115830.	1.0	1

#	Article	IF	Citations
2170	Synthesis, characterization and exploration of supramolecular interactions of a Cu(II) based 1D zig-zag coordination polymer: X-ray structure determination and DFT study. Inorganica Chimica Acta, 2022, 536, 120894.	1.2	1
2171	Fabrication of metal-organic framework architectures with macroscopic size: A review. Coordination Chemistry Reviews, 2022, 462, 214520.	9.5	26
2172	2D Cd(II)-MOF of Pyridyl-Imidazoquinazoline: Structure, Luminescence, and Selective Detection of TNP and Fabrication of Semiconducting Devices. Crystal Growth and Design, 2022, 22, 3138-3147.	1.4	18
2173	Supramolecular Isomorphic Dodecanuclear Cobalt Clusters with Same Metal Shell but Different Core Ligands. Dalton Transactions, 0, , .	1.6	2
2174	Drug Delivery Applications of Metal-Organic Frameworks (MOFs). , 0, , .		2
2175	A Three-Dimensional Coordination Framework with a Ferromagnetic Coupled Ni(II)-CrO4 Layer: Synthesis, Structure, and Magnetic Studies. Polymers, 2022, 14, 1735.	2.0	2
2176	Systematic Tuning of the Magnetic Properties in Mixed-Metal MOF-74. Inorganic Chemistry, 2022, 61, 7226-7230.	1.9	10
2177	A novel acylhydrazone Zn coordination polymer for the determination of picric acid. Journal of Solid State Chemistry, 2022, 312, 123234.	1.4	1
2178	Self-sacrifice MOFs for heterogeneous catalysis: Synthesis mechanisms and future perspectives. Materials Today, 2022, 55, 137-169.	8.3	70
2179	Synthesis, spectroscopic, solid-state electrical conductivity, and thermal analysis of Cu(II) doped Zn(II) heterobimetallic complexes derived from 2,5-dichloro-3,6-bis-(methylamino)1,4-benzoquinone. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 647, 129071.	2.3	0
2180	Synergetic and Cooperative Effects in Multimetallic Macrocyclic Complexes for Biological, Catalytic and Magnetic Activity. Asian Journal of Chemistry, 2022, 34, 1333-1346.	0.1	0
2181	Mixedâ€Ligand Metalâ€Organic Frameworks: Synthesis and Characterization of New MOFs Containing Pyridineâ€2,6â€dimethanolate and Benzeneâ€1,4â€dicarboxylate Ligands. European Journal of Inorganic Chemistry, 2022, 2022, .	1.0	3
2182	Stabilization of CO₂ as zwitterionic carbamate within a coordination polymer (CP): synthesis, structure and anion sensing behaviour of a Tb-CP composite. CrystEngComm, 2022, 24, 5890-5899.	1.3	1
2183	Tuning magnetic properties with crystal engineering in a family of coordination polymers based on Ni(II) sulphates. New Journal of Chemistry, 0, , .	1.4	2
2184	Delocalized magnetism in low-dimensional graphene system. Wuli Xuebao/Acta Physica Sinica, 2022, 71, 188101.	0.2	1
2185	METAL-ORGANIC FRAMEWORKS IN RUSSIA: FROM THE SYNTHESIS AND STRUCTURE TO FUNCTIONAL PROPERTIES AND MATERIALS. Journal of Structural Chemistry, 2022, 63, 671-843.	0.3	35
2186	VERDI: VERsatile DIffractometer with wide-angle polarization analysis for magnetic structure studies in powders and single crystals. Review of Scientific Instruments, 2022, 93, .	0.6	6
2187	From a Dense Structure to Open Frameworks: The Structural Plethora of Alkali Metal Iron Fluorophosphates. Inorganic Chemistry, 0, , .	1.9	2

#	Article	IF	Citations
2188	In situ grown CdS on 2D Cd-based porphyrin MOFs enhances the significant separation and transfer of charge carriers with an appropriate heterojunction during photocatalytic hydrogen evolution. Catalysis Science and Technology, 2022, 12, 5077-5085.	2.1	5
2189	Metal-organic frameworks (MOFs), rare earth MOFs, and rare earth functionalized MOF hybrid materials. , 2022, , 3-40.		0
2190	Metal-Organic Hybrids Base on [Vo2(L)]- Tecton with Cations of Imidazole and its Derivative: Synthesis, Single-Crystal Structures and Antidiabetic Propertiesmetal-Organic Hybrids Base on [Vo2(L)]- Tecton with Cations of Imidazole and its Derivative: Synthesis, Single-Crystal Structures and Antidiabetic Properties. SSRN Electronic Journal, 0, , .	0.4	0
2191	Acetylenedicarboxylate as a linker in the engineering of coordination polymers and metalâ€“organic frameworks: challenges and potential. Chemical Communications, 2022, 58, 8900-8933.	2.2	10
2192	Tailored Inorganicâ€Organic Architectures via Metalloligands. Chemical Record, 0, , .	2.9	1
2193	Lead(II)-Azido Metalâ€“Organic Coordination Polymers: Synthesis, Structure and Application in PbO Nanomaterials Preparation. Nanomaterials, 2022, 12, 2257.	1.9	4
2194	Establishment of a novel hierarchical structure based on metal-organic framework on the surface of carbon fibers for improving interfacial properties. Journal of Solid State Chemistry, 2022, 314, 123392.	1.4	6
2195	Quest for extended coordination networks from highly connected azido-bridged clusters. CrystEngComm, 2022, 24, 5870-5874.	1.3	1
2196	Bismuth (III)-based metal-organic framework for tetracycline removal via adsorption and visible light catalysis processes. Journal of Environmental Chemical Engineering, 2022, 10, 108469.	3.3	3
2197	Microporous metalâ€“organic frameworks: Synthesis and applications. Journal of Industrial and Engineering Chemistry, 2022, 115, 1-11.	2.9	20
2198	Biomimetic Assembly of Spore@ZIFâ€8 Microspheres for Vaccination. Small, 2022, 18, .	5.2	9
2199	Selective CO ₂ Adsorption at Low Pressure in Nitrogenâ€Rich Copper(II) Coordination Polymers. ChemistrySelect, 2022, 7, .	0.7	0
2200	A systematic review on recent advances of metalâ€“organic frameworks-based nanomaterials for electrochemical energy storage and conversion. Coordination Chemistry Reviews, 2022, 471, 214741.	9.5	24
2201	â€œCaught in the Actâ€• disruption of A-ET-E process in the recognition of Fâ^' by a lamellar EuIII-MOF in heterogeneous manner with logic gate construction: From protagonist idea to implementation world. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 283, 121764.	2.0	3
2202	Electrocatalysis and activity descriptors with metal phthalocyanines for energy conversion reactions. Journal of Electroanalytical Chemistry, 2022, 922, 116799.	1.9	6
2203	Metal-organic hybrids based on [VO2(L)]â^' tecton with cations of imidazole and its derivative: Synthesis, single-crystal structures and molecular docking studies. Polyhedron, 2022, 227, 116125.	1.0	2
2204	Experimental and theoretical investigation of structure-magnetic properties relationships in a new heteroleptic one-dimensional triple bridged azido/acetato/DMSO copper (II) coordination polymer. Journal of Molecular Structure, 2023, 1271, 134041.	1.8	2
2205	Green and Efficient Removal of Sulfides Using Oxo-Peroxo Tungsten(Vi)-Mil-101(Cr) Nanoreactor as Heterogeneous Recyclable Catalyst. SSRN Electronic Journal, 0, , .	0.4	0

#	Article	IF	Citations
2206	Weak interchain interaction-dominated magnetic responses in water-extended cobalt(<scp>ii</scp>)-chains: from magnetic ordering to single-chain magnet. Inorganic Chemistry Frontiers, 2022, 9, 5039-5047.	3.0	3
2207	Rational synthesis of a pyridyl-imidazoquinazoline based multifunctional 3D Zn(<scp>ii</scp>)-MOF: structure, luminescence, selective and sensitive detection of Al³⁺ and TNP, and its semiconducting device application. Dalton Transactions, 2022, 51, 13749-13761.	1.6	11
2208	Syntheses, Crystal Structures, and Magnetic Properties of Two Cobalt(II) Coordination Complexes with 4'-Substituted 3,2':6',3''-Terpyridine Ligands. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2022, 48, 659-666.	0.3	4
2209	Graphene-Based Metalâ€“Organic Framework Hybrids for Applications in Catalysis, Environmental, and Energy Technologies. Chemical Reviews, 2022, 122, 17241-17338.	23.0	81
2210	Green and efficient removal of sulfides using oxo-peroxo tungsten(VI)-MIL-101(Cr) nanoreactor as heterogeneous recyclable catalyst. Inorganica Chimica Acta, 2023, 545, 121274.	1.2	2
2211	A review on metal-organic frameworks for the removal of hazardous environmental contaminants. Separation and Purification Technology, 2023, 305, 122416.	3.9	32
2212	Flexible metal complex crystals in response to external mechanical stimuli. Coordination Chemistry Reviews, 2023, 475, 214890.	9.5	16
2213	Synthesis, structure and dielectric behavior study of Mn (II)-4,4â€²-sulfonyldibenzoate-auxiliary ligand system based coordination polymers (CPs). Journal of Molecular Structure, 2023, 1274, 134389.	1.8	3
2214	Magnetic Nanocomposites Based on Metal-Organic Frameworks: Preparation, Classification, Structure, and Properties (A Review). Russian Journal of General Chemistry, 2022, 92, 1937-1962.	0.3	2
2215	A review: Metal-organic framework based electrocatalysts for methanol electro-oxidation reaction. International Journal of Hydrogen Energy, 2023, 48, 3340-3354.	3.8	8
2216	Design Approaches, Functionalization, and Environmental and Analytical Applications of Magnetic Halloysite Nanotubes: A Review. Clays and Clay Minerals, 2022, 70, 660-694.	0.6	1
2217	High proton conductivity modulated by active protons in 1D ultra-stable metalâ€“organic coordination polymers: a new insight into the coordination interaction/ability of metal ions. Inorganic Chemistry Frontiers, 2023, 10, 1238-1254.	3.0	3
2218	Recent advance of macroscopic metal-organic frameworks for water treatment: A review. Surfaces and Interfaces, 2023, 36, 102564.	1.5	21
2219	Cadmium-Based coordination polymers (CPs) constructed from two different V-Shaped dicarboxylate Ligands: Synthesis, structure and dielectric properties. Inorganic Chemistry Communication, 2023, 148, 110280.	1.8	3
2220	Exploring the pH reliant high photocatalytic degradation of organic dyes using H-bonded Ni(II) coordination network. Journal of Molecular Structure, 2023, 1276, 134784.	1.8	9
2221	First Example of Chromone-Based Nickel(II) Coordination Polymers with Tunable Magnetic Properties. Crystal Growth and Design, 2022, 22, 7544-7554.	1.4	1
2222	Controversy on the ferroelectricity in metalâ€“formate frameworks. Lithuanian Journal of Physics, 2022, 62, .	0.1	1
2223	Preferential CO2 adsorption over cadmium-based Porous Metal-organic Framework. Journal of Porous Materials, 2023, 30, 1163-1170.	1.3	1

#	Article	IF	Citations
2224	Magnetic interactions in the one-dimensional spin-chain metal-organic compounds <mml:math		



#	Article	IF	Citations
2242	Permanent Porosity in the Room-Temperature Magnet and Magnonic Material V(TCNE)₂. ACS Central Science, 2023, 9, 777-786.	5.3	3
2243	Cd(II)/Mn(II)/Co(II)/Ni(II)/Zn(II) Coordination Polymers Built from Dicarboxylic Acid/Tetracarboxylic Acid Ligands: Their Structural Diversity and Fluorescence Properties. Polymers, 2023, 15, 1803.	2.0	0
2245	Self-Assembly and Biomimetics. , 2014, , 296-326.		0
2249	Metalâ€“organic frameworks (an overview). , 2023, , 1-38.		0
2258	Single-ion magnetism behaviors in lanthanide(<scp>iii</scp>) based coordination frameworks. Inorganic Chemistry Frontiers, 2023, 10, 5212-5224.	3.0	4
2262	Lanthanide-based molecular magnetic materials. , 2023, , 231-322.		0
2263	Chemistry of Metalâ€“Organic Frameworks. , 2023, , 45-79.		1
2266	Coordination modulation: a way to improve the properties of metalâ€“organic frameworks. Journal of Materials Chemistry A, 2023, 11, 22105-22131.	5.2	2
2270	Introduction to metalâ€“organic frameworks. , 2024, , 1-24.		0
2286	Metallic nanostructures-based aptasensors for robust detection of proteins. Nanoscale Advances, 0, , .	2.2	1
2295	Development of new generation magnets based on porous coordination polymers. , 2024, , 317-339.		0