Miao Du

List of Publications by Year in descending order

386 papers	19,678 citations	7069 78 h-index	19136 118 g-index
397 all docs	397 docs citations	397 times ranked	10779 citing authors

#	Article	IF	Citations
1	Design and construction of coordination polymers with mixed-ligand synthetic strategy. Coordination Chemistry Reviews, 2013, 257, 1282-1305.	9.5	722
2	Role of solvents in coordination supramolecular systems. Chemical Communications, 2011, 47, 5958.	2.2	624
3	Molecular Tectonics of Mixed-Ligand Metalâ˜Organic Frameworks:Â Positional Isomeric Effect, Metal-Directed Assembly, and Structural Diversification. Inorganic Chemistry, 2007, 46, 3984-3995.	1.9	316
4	Template-directed synthesis of a luminescent Tb-MOF material for highly selective Fe³⁺ and Al³⁺ ion detection and VOC vapor sensing. Journal of Materials Chemistry C, 2017, 5, 2311-2317.	2.7	273
5	Controlling the Framework Formation of Silver(I) Coordination Polymers with 1,4-Bis(phenylthio)butane by Varying the Solvents, Metal-to-Ligand Ratio, and Counteranions. Inorganic Chemistry, 2002, 41, 3477-3482.	1.9	257
6	Semiconductive Copper(I)â€“Organic Frameworks for Efficient Lightâ€Đriven Hydrogen Generation Without Additional Photosensitizers and Cocatalysts. Angewandte Chemie - International Edition, 2017, 56, 14637-14641.	7.2	248
7	Molecular Tectonics of Metalâ€“Organic Frameworks (MOFs): A Rational Design Strategy for Unusual Mixed-Connected Network Topologies. Chemistry - A European Journal, 2007, 13, 2578-2586.	1.7	227
8	Divergent Kinetic and Thermodynamic Hydration of a Porous Cu(II) Coordination Polymer with Exclusive CO₂ Sorption Selectivity. Journal of the American Chemical Society, 2014, 136, 10906-10909.	6.6	227
9	Direction of unusual mixed-ligand metalâ€“organic frameworks: a new type of 3-D polythreading involving 1-D and 2-D structural motifs and a 2-fold interpenetrating porous network. Chemical Communications, 2005, , 5521.	2.2	218
10	Boosting Activity on Co₄N Porous Nanosheet by Coupling CeO₂ for Efficient Electrochemical Overall Water Splitting at High Current Densities. Advanced Functional Materials, 2020, 30, 1910596.	7.8	218
11	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
12	Nanoporous Gold Embedded ZIF Composite for Enhanced Electrochemical Nitrogen Fixation. Angewandte Chemie - International Edition, 2019, 58, 15362-15366.	7.2	205
13	Controllable Assembly of Metal-Directed Coordination Polymers under Diverse Conditions:Â A Case Study of the MIIâ˜H3tma/Bpt Mixed-Ligand System. Inorganic Chemistry, 2006, 45, 3998-4006.	1.9	204
14	Covalent organic framework-based electrochemical aptasensors for the ultrasensitive detection of antibiotics. Biosensors and Bioelectronics, 2019, 132, 8-16.	5.3	199
15	A terbium(<scp>iii</scp>) lanthanideâ€“organic framework as a platform for a recyclable multi-responsive luminescent sensor. Journal of Materials Chemistry C, 2017, 5, 2015-2021.	2.7	198
16	Hierarchical nanocomposite electrocatalyst of bimetallic zeolitic imidazolate framework and MoS2 sheets for non-Pt methanol oxidation and water splitting. Applied Catalysis B: Environmental, 2019, 258, 117970.	10.8	192
17	Titanium dioxide encapsulated carbon-nitride nanosheets derived from MXene and melamine-cyanuric acid composite as a multifunctional electrocatalyst for hydrogen and oxygen evolution reaction and oxygen reduction reaction. Applied Catalysis B: Environmental, 2019, 248, 366-379.	10.8	191
18	Mn^{II} Coordination Polymers Based on Bi-, Tri-, and Tetranuclear and Polymeric Chain Building Units: Crystal Structures and Magnetic Properties. Inorganic Chemistry, 2012, 51, 9431-9442.	1.9	182

#	Article	IF	Citations
19	CoOx/CoNy nanoparticles encapsulated carbon-nitride nanosheets as an efficiently trifunctional electrocatalyst for overall water splitting and Zn-air battery. Applied Catalysis B: Environmental, 2020, 279, 119407.	10.8	169
20	First CuIIDiamondoid Net with 2-Fold Interpenetrating Frameworks. The Role of Anions in the Construction of the Supramolecular Arrays. Inorganic Chemistry, 2002, 41, 4904-4908.	1.9	156
21	Preparation of Acentric Porous Coordination Frameworks from an Interpenetrated Diamondoid Array through Anion-Exchange Procedures:Â Crystal Structures and Properties. Inorganic Chemistry, 2004, 43, 1287-1293.	1.9	154
22	Construction of Tb-MOF-on-Fe-MOF conjugate as a novel platform for ultrasensitive detection of carbohydrate antigen 125 and living cancer cells. Biosensors and Bioelectronics, 2019, 142, 111536.	5.3	153
23	Direction of topological isomers of silver(i) coordination polymers induced by solvent, and selective anion-exchange of a class of PtS-type host frameworks. Chemical Communications, 2005, , 4836.	2.2	151
24	Controlled generation of heterochiral or homochiral coordination polymer: helical conformational polymorphs and argentophilicity-induced spontaneous resolution. Chemical Communications, 2005, , 4417.	2.2	148
25	Highly-thermostable metalâ€“organic frameworks (MOFs) of zinc and cadmium 4,4â€²-(hexafluoroisopropylidene)diphthalates with a unique fluorite topology. Chemical Communications, 2007, , 2467-2469.	2.2	143
26	Design of a Highly-Stable Pillar-Layer Zinc(II) Porous Framework for Rapid, Reversible, and Multi-Responsive Luminescent Sensor in Water. Crystal Growth and Design, 2019, 19, 694-703.	1.4	142
27	Unprecedented 4- and 6-Connected 2D Coordination Networks Based on 44-Subnet Tectons, Showing Unusual Supramolecular Motifs of Rotaxane and Helix. Inorganic Chemistry, 2010, 49, 365-367.	1.9	140
28	Coordination Polymers Assembled from Angular Dipyridyl Ligands and CuII, CdII, CoIISalts:Â Crystal Structures and Properties. Inorganic Chemistry, 2004, 43, 931-944.	1.9	135
29	Solvent-Controlled Assembly of Manganese(II) Tetrachloroterephthalates with 1D Chain, 2D Layer, and 3D Coordination Architectures. Crystal Growth and Design, 2008, 8, 3437-3445.	1.4	133
30	Metalâ€“organic frameworks (MOFs) based electrochemical biosensors for early cancer diagnosis in vitro. Coordination Chemistry Reviews, 2021, 439, 213948.	9.5	130
31	Two-Dimensional Zirconium-Based Metalâ€“Organic Framework Nanosheet Composites Embedded with Au Nanoclusters: A Highly Sensitive Electrochemical Aptasensor toward Detecting Cocaine. ACS Sensors, 2017, 2, 998-1005.	4.0	129
32	An anionic Na(<scp>i</scp>)â€“organic framework platform: separation of organic dyes and post-modification for highly sensitive detection of picric acid. Chemical Communications, 2017, 53, 10668-10671.	2.2	129
33	Synthesis, structures and properties of Mn(II) coordination frameworks based on R-isophthalate (R =) Tj ETQq1 1 0.784314 rgBT /Ove	1.3	128
34	Chiral Noninterpenetrated (10,3)-a Net in the Crystal Structure of Ag(I) and Bisthioether. Inorganic Chemistry, 2002, 41, 437-439.	1.9	127
35	An Unprecedented Eight-Connected Self-Penetrating Coordination Framework Based on Cage-Shaped [Pb₆(Î¼₄-O)₂(O₂C)₈] Clusters. Crystal Growth and Design, 2010, 10, 2037-2040.	1.4	127
36	A channel-type mesoporous In(<scp>iii</scp>)â€“carboxylate coordination framework with high physicochemical stability for use as an electrode material in supercapacitors. Journal of Materials Chemistry A, 2014, 2, 9828-9834.	5.2	124

#	Article	IF	Citations
37	Modulated Preparation and Structural Diversification of ZnIIand CdIIMetalâ"Organic Frameworks with a Versatile Building Block 5-(4-Pyridyl)-1,3,4-oxadiazole-2-thiol. Inorganic Chemistry, 2006, 45, 5785-5792.	1.9	120
38	R-Isophthalate (R = â€"H, â€"NO2, and â€"COOH) as modular building blocks for mixed-ligand coordination polymers incorporated with a versatile connector 4-amino-3,5-bis(3-pyridyl)-1,2,4-triazole. CrystEngComm, 2008, 10, 306-321.	1.3	116
39	Pore modulation of zirconiumâ€"organic frameworks for high-efficiency detection of trace proteins. Chemical Communications, 2017, 53, 3941-3944.	2.2	114
40	Structural diversity and properties of ZnII and CdII complexes with a flexible dicarboxylate building block 1,3-phenylenediacetate and various heterocyclic co-ligands. Dalton Transactions, 2009, , 5355.	1.6	111
41	Dual-Emitting Dye@MOF Composite as a Self-Calibrating Sensor for 2,4,6-Trinitrophenol. ACS Applied Materials & Interfaces, 2017, 9, 24671-24677.	4.0	111
42	A 3D Copper(II) Coordination Framework Showing Different Kinetic and Thermodynamic Crystal Transformations through Removal of Guest Water Cubes. Chemistry - A European Journal, 2009, 15, 12974-12977.	1.7	110
43	Highly stable aluminum-based metal-organic frameworks as biosensing platforms for assessment of food safety. Biosensors and Bioelectronics, 2017, 91, 804-810.	5.3	109
44	Delicate Substituent Effect of Benzene-1,2,3-Tricarboxyl Tectons on Structural Assembly of Unusual Self-Penetrating Coordination Frameworks. Crystal Growth and Design, 2010, 10, 3036-3043.	1.4	107
45	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
46	Bimetallic ZrHf-based metal-organic framework embedded with carbon dots: Ultra-sensitive platform for early diagnosis of HER2 and HER2-overexpressed living cancer cells. Biosensors and Bioelectronics, 2019, 134, 8-15.	5.3	107
47	Cocrystallization of Trimesic Acid and Pyromellitic Acid with Bent Dipyridines. Crystal Growth and Design, 2005, 5, 1247-1254.	1.4	106
48	Dynamic structural transformations of coordination supramolecular systems upon exogenous stimulation. Chemical Communications, 2015, 51, 2768-2781.	2.2	104
49	Structural modulation of polythreading and interpenetrating coordination networks with an elongated dipyridyl building block and various anionic co-ligands. CrystEngComm, 2008, 10, 1855.	1.3	100
50	From Metallacyclophanes to 1-D Coordination Polymers:Â Role of Anions in Self-Assembly Processes of Copper(II) and 2,5-Bis(3-pyridyl)-1,3,4-oxadiazole. Inorganic Chemistry, 2003, 42, 552-559.	1.9	99
51	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
52	Dual-Functionalized Mixed Keggin- and Lindqvist-Type Cu₂₄-Based POM@MOF for Visible-Light-Driven H₂ and O₂ Evolution. Inorganic Chemistry, 2019, 58, 7229-7235.	1.9	98
53	Supramolecular Coordination Complexes with 5-Sulfoisophthalic Acid and 2,5-Bipyridyl-1,3,4-Oxadiazole: Specific Sensitivity to Acidity for Cd(II) Species. Crystal Growth and Design, 2010, 10, 2650-2660.	1.4	96
54	Two Unique Entangling Cd^{II}-Coordination Frameworks Constructed by Square Cd₄-Building Blocks and Auxiliary N,Nâ€²-Donor Ligands. Crystal Growth and Design, 2012, 12, 1697-1702.	1.4	96

#	Article	IF	Citations
55	A water-stable Eu^{III}-based MOF as a dual-emission luminescent sensor for discriminative detection of nitroaromatic pollutants. Dalton Transactions, 2019, 48, 1843-1849.	1.6	95
56	Structural hybridization of bimetallic zeolitic imidazolate framework (ZIF) nanosheets and carbon nanofibers for efficiently sensing Î±-synuclein oligomers. Sensors and Actuators B: Chemical, 2020, 309, 127821.	4.0	95
57	Cocrystallization of Bent Dipyridyl Type Compounds with Aromatic Dicarboxylic Acids:â€‰ Effect of the Geometries of Building Blocks on Hydrogen-Bonding Supramolecular Patterns. Crystal Growth and Design, 2005, 5, 1199-1208.	1.4	94
58	Significant Positional Isomeric Effect on Structural Assemblies of Zn(II) and Cd(II) Coordination Polymers Based on Bromoisophthalic Acids and Various Dipyridyl-Type Coligands. Crystal Growth and Design, 2011, 11, 175-184.	1.4	92
59	Unique 3D self-penetrating CoII and NiII coordination frameworks with a new (44.610.8) network topology. Dalton Transactions, 2010, 39, 11522.	1.6	90
60	Circularly Polarized Roomâ€Temperature Phosphorescence and Encapsulation Engineering for MOFâ€Based Fluorescent/Phosphorescent White Lightâ€Emitting Devices. Advanced Optical Materials, 2020, 8, 2000330.	3.6	90
61	A unique substituted Co(ii)-formate coordination framework exhibits weak ferromagnetic single-chain-magnet like behavior. Chemical Communications, 2012, 48, 6568.	2.2	88
62	Ferromagnetic Coupling in a One-Dimensional Molecular Railroad Copper(II) Azido Compound Containing a Defective Double Cubane Motif. Inorganic Chemistry, 2001, 40, 3619-3622.	1.9	87
63	Solvent-directed layered Co(ii) coordination polymers with unusual solid-state properties: from a nanoporous framework to the dense polythreading 3-D aggregation. CrystEngComm, 2006, 8, 788.	1.3	87
64	Zn(II) and Cd(II) Coordination Polymers Assembled from a Versatile Tecton 5-Nitro-1,2,3-benzenetricarboxylic Acid and N,Nâ€²-Donor Ancillary Coligands. Crystal Growth and Design, 2010, 10, 2641-2649.	1.4	87
65	Copper(ii) 5-methoxyisophthalate coordination polymers incorporating dipyridyl co-ligands: syntheses, crystal structures, and magnetic properties. Dalton Transactions, 2010, 39, 2301.	1.6	87
66	New Mononuclear, Cyclic Tetranuclear, and 1-D Helical-Chain Cu(II) Complexes Formed by Metal-Assisted Hydrolysis of 3,6-Di-2-pyridyl-1,2,4,5-tetrazine (DPTZ):Â Crystal Structures and Magnetic Properties. Inorganic Chemistry, 2002, 41, 1855-1861.	1.9	86
67	A Unique Cyanide-Bridged Three-Dimensional (3-D) Copper(II)â^'Copper(I) Mixed-Valence Polymer Containing 1-D Water Tapes with Cyclic Pentamer Units. Inorganic Chemistry, 2005, 44, 3371-3373.	1.9	86
68	Ratiometric fluorescence sensing and colorimetric decoding methanol by a bimetallic lanthanide-organic framework. Sensors and Actuators B: Chemical, 2018, 265, 104-109.	4.0	86
69	Synthons Competition/Prediction in Cocrystallization of Flexible Dicarboxylic Acids with Bent Dipyridines. Crystal Growth and Design, 2006, 6, 114-121.	1.4	85
70	Substituent effect of R-isophthalates (R = â€“H, â€“CH3, â€“OCH3, â€“tBu, â€“OH, and â€“NO2) on the construction of CdIIcoordination polymers incorporating a dipyridyl tecton 2,5-bis(3-pyridyl)-1,3,4-oxadiazole. CrystEngComm, 2011, 13, 1885-1893.	1.3	84
71	Destruction and reconstruction of the robust [Cu2(OOCR)4] unit during crystal structure transformations between two coordination polymers. Chemical Communications, 2011, 47, 8088.	2.2	84
72	Design and construction of self-penetrating coordination frameworks. Inorganic Chemistry Communication, 2011, 14, 788-803.	1.8	84

#	Article	IF	Citations
73	Moisture-Stable Zn(II) Metalâ€“Organic Framework as a Multifunctional Platform for Highly Efficient CO₂ Capture and Nitro Pollutant Vapor Detection. ACS Applied Materials & Interfaces, 2016, 8, 18043-18050.	4.0	84
74	A Î³-cyclodextrin-based metalâ€“organic framework embedded with graphene quantum dots and modified with PEGMA via SI-ATRP for anticancer drug delivery and therapy. Nanoscale, 2019, 11, 20956-20967.	2.8	84
75	Novel nickel(II) complexes with diazamesocyclic ligands functionalized by additional phenol donor pendant(s): synthesis, characterization, crystal structures and magnetic properties. Dalton Transactions RSC, 2001, , 593-598.	2.3	83
76	Metal-Controlled Assembly of Coordination Polymers with the Flexible Building Block 4-Pyridylacetic Acid (Hpya). Crystal Growth and Design, 2006, 6, 335-341.	1.4	83
77	Multi-Component Hydrogen-Bonding Assembly of a Pharmaceutical Agent Pamoic Acid with Piperazine or 4,4â€²-Bipyridyl: A Channel Hydrated Salt with Multiple-Helical Motifs vs a Bimolecular Cocrystal. Crystal Growth and Design, 2009, 9, 1655-1657.	1.4	82
78	Effect of Anions on the Framework Formation of Novel AgICoordination Polymers with Angular Bridging Ligands. Crystal Growth and Design, 2004, 4, 71-78.	1.4	81
79	Bionic Design of a Mo(IV)-Doped FeS₂ Catalyst for Electroreduction of Dinitrogen to Ammonia. ACS Catalysis, 2020, 10, 4914-4921.	5.5	80
80	2D zirconium-based metal-organic framework nanosheets for highly sensitive detection of mucin 1: consistency between electrochemical and surface plasmon resonance methods. 2D Materials, 2017, 4, 025098.	2.0	79
81	Tuning the framework formation of silver(i) coordination architectures with heterocyclic thioethers. Dalton Transactions, 2003, , 1509-1514.	1.6	78
82	Varying Coordination Modes and Magnetic Properties of Copper(II) Complexes with Diazamesocyclic Ligands by Altering Additional Donor Pendants on 1,5-Diazacyclooctane. Inorganic Chemistry, 2000, 39, 4190-4199.	1.9	76
83	First tetrameric NiII cluster with planar triangular topology exhibiting ferromagnetic pathways. Chemical Communications, 2002, , 1478-1479.	2.2	76
84	A bracket approach to improve the stability and gas sorption performance of a metalâ€“organic framework via in situ incorporating the size-matching molecular building blocks. Chemical Communications, 2016, 52, 8413-8416.	2.2	76
85	Aptamer-Embedded Zirconium-Based Metalâ€“Organic Framework Composites Prepared by De Novo Bio-Inspired Approach with Enhanced Biosensing for Detecting Trace Analytes. ACS Sensors, 2017, 2, 982-989.	4.0	76
86	Heterostructured hybrids of metalâ€“organic frameworks (MOFs) and covalentâ€“organic frameworks (COFs). Journal of Materials Chemistry A, 2022, 10, 475-507.	5.2	75
87	Varying the Frameworks of Novel Silver(I) Coordination Polymers with Thioethers by Altering the Backbone or Terminal Groups of Ligands. Crystal Growth and Design, 2002, 2, 303-307.	1.4	74
88	Interplay of coordinative and supramolecular interactions in engineering unusual crystalline architectures of low-dimensional metalâ€“pamoate complexes under co-ligand intervention. CrystEngComm, 2007, 9, 1011.	1.3	73
89	Iron oxide@mesoporous carbon architectures derived from an Fe(<scp>ii</scp>)-based metal organic framework for highly sensitive oxytetracycline determination. Journal of Materials Chemistry A, 2017, 5, 19378-19389.	5.2	73
90	From Infinite One-Dimensional Helix to Discrete Cu^{II}₁₅ Cluster along with in Situ S_N2 Ring-Cleavage of cis-Epoxysuccinic Acid: pH-Controlled Assemblies, Crystal Structures, and Properties. Inorganic Chemistry, 2010, 49, 9617-9626.	1.9	71

#	Article	IF	Citations
91	A nanoporous Ag(<scp>i</scp>) coordination polymer for selective adsorption of carcinogenic dye Acid Red 26. Chemical Communications, 2017, 53, 4767-4770.	2.2	71
92	Inducing Effect of Additive Agents on Coordination Assembly of Silver(I) Nitrate with 3,5-Bis(2-pyridyl)-4-amino-1,2,4-triazole: Supramolecular Isomerism and Interconversion. Inorganic Chemistry, 2011, 50, 9284-9289.	1.9	70
93	From 1-D Coordination Polymers to 3-D Hydrogen-Bonding Networks:â€‰ Crystal Engineering and Magnetism of Cullâ^'dcaâ^'Cyanopyridine Supramolecular Systems (dca = Dicyanamide, N(CN)2-)â€. Crystal Growth and Design, 2005, 5, 901-909.	1.4	69
94	Pore modulation of metalâ€“organic frameworks towards enhanced hydrothermal stability and acetylene uptake via incorporation of different functional brackets. Journal of Materials Chemistry A, 2017, 5, 4861-4867.	5.2	68
95	Ultrasensitive detection of bisphenol A under diverse environments with an electrochemical aptasensor based on multicomponent AgMo heteronanostructure. Sensors and Actuators B: Chemical, 2020, 321, 128527.	4.0	68
96	PEGMA-modified bimetallic NiCo Prussian blue analogue doped with Tb(III) ions: Efficiently pH-responsive and controlled release system for anticancer drug. Chemical Engineering Journal, 2020, 389, 124468.	6.6	68
97	Novel Boxlike Dinuclear or Chain Polymeric Silver(I) Complexes with Polypyridyl Bridging Ligands:Â Syntheses, Crystal Structures, and Spectroscopic and Electrochemical Properties. Inorganic Chemistry, 2001, 40, 4143-4149.	1.9	66
98	Delicate substituent effect of isophthalate tectons on the structural assembly of diverse 4-connected metalâ€“organic frameworks (MOFs). CrystEngComm, 2009, 11, 1800.	1.3	66
99	Highly efficient Cr₂O₇^{2â^'}removal of a 3D metal-organic framework fabricated by tandem single-crystal to single-crystal transformations from a 1D coordination array. Chemical Communications, 2017, 53, 9206-9209.	2.2	65
100	Controllable Congregating of Homochiral and Achiral Coordination Polymers: Cadmium(II) Pyridine-2,4,6-Tricarboxylate Species with Double-Helical Strand and Molecular Building Block Structures. Crystal Growth and Design, 2008, 8, 452-459.	1.4	63
101	Stable Layered Semiconductive Cu(I)â€“Organic Framework for Efficient Visible-Light-Driven Cr(VI) Reduction and H₂ Evolution. Inorganic Chemistry, 2018, 57, 7975-7981.	1.9	63
102	Regulation and Properties of Diversiform Cd(II) Supramolecular Complexes with a Bulky Naphthalene-Based Dicarboxyl Tecton and Different N-Donor Co-Ligands. Crystal Growth and Design, 2010, 10, 4773-4785.	1.4	62
103	Novel copper(II) complexes with diazamesocyclic ligands functionalized by additional donor group(s): syntheses, crystal structures and magnetic properties. Dalton Transactions RSC, 2001, , 729-735.	2.3	61
104	A versatile V-shaped tetracarboxylate building block for constructing mixed-ligand Co(ii) and Mn(ii) complexes incorporating various N-donor co-ligands. CrystEngComm, 2010, 12, 1227-1237.	1.3	61
105	Lanthanideâ€“Organic Coordination Frameworks Showing New 5-Connected Network Topology and 3D Ordered Array of Single-Molecular Magnet Behavior in the Dy Case. Inorganic Chemistry, 2014, 53, 6708-6714.	1.9	61
106	A bimetallic (Cu-Co) Prussian Blue analogue loaded with gold nanoparticles for impedimetric aptasensing of ochratoxin a. Mikrochimica Acta, 2019, 186, 343.	2.5	61
107	Efficient multifunctional electrocatalyst based on 2D semiconductive bimetallic metal-organic framework toward non-Pt methanol oxidation and overall water splitting. Journal of Colloid and Interface Science, 2020, 578, 10-23.	5.0	61
108	A new strategy for the development of efficient impedimetric tobramycin aptasensors with metallo-covalent organic frameworks (MCOFs). Food Chemistry, 2022, 366, 130575.	4.2	61

#	Article	IF	Citations
109	Exceptional Crystallization Diversity and Solidâ€State Conversions of Cd^{II} Coordination Frameworks with 5â€Bromonicotinate Directed by Solvent Media. Chemistry - A European Journal, 2012, 18, 12437-12445.	1.7	60
110	Two novel 3-D coordination polymers with 5-methoxyisophthalate and flexible N-donor co-ligands showing pentanuclear or alternate mono/binuclear Cu(<scp>ii</scp>) units. Dalton Transactions, 2012, 41, 2078-2083.	1.6	60
111	Structural Modulation and Properties of Silver(I) Coordination Frameworks with Benzenedicarboxyl Tectons and trans-1-(2-Pyridyl)-2-(4-pyridyl)ethylene Spacer. Crystal Growth and Design, 2010, 10, 1623-1632.	1.4	59
112	Ligand Symmetry Modulation for Designing a Mesoporous Metalâ€“Organic Framework: Dual Reactivity to Transition and Lanthanide Metals for Enhanced Functionalization. Chemistry - A European Journal, 2015, 21, 9713-9719.	1.7	59
113	Unique ZnII coordination entanglement networks with a flexible fluorinated bis-pyridinecarboxamide tecton and benzenedicarboxylates. Chemical Communications, 2010, 46, 8427.	2.2	58
114	A luminescent linear trinuclear DyIII complex exhibiting slow magnetic relaxation of single ion origin. Dalton Transactions, 2011, 40, 9366.	1.6	58
115	Proton-controlled inter-conversion between an achiral discrete molecular square and a chiral interpenetrated double-chain architecture. Chemical Communications, 2002, , 2550-2551.	2.2	57
116	Ligand Design for Alkali-Metal-Templated Self-Assembly of Unique High-Nuclearity CuII Aggregates with Diverse Coordination Cage Units: Crystal Structures and Properties. Chemistry - A European Journal, 2004, 10, 1345-1354.	1.7	57
117	A novel 3D Mn(II) coordination polymer involving 4,4â€²-dipyridylsulfide and 4,4â€²-dipyridyltrisulfide obtained by in situ ligand formation from 4,4â€²-dipyridyldisulfide. CrystEngComm, 2009, 11, 2593.	1.3	57
118	Alkali-Metal-Templated Assemblies of New 3D Lead(II) Tetrachloroterephthalate Coordination Frameworks. Crystal Growth and Design, 2011, 11, 4190-4197.	1.4	57
119	Recent advances in CdII coordination polymers: Structural aspects, adaptable assemblies, and potential applications. Inorganic Chemistry Communication, 2011, 14, 502-513.	1.8	57
120	A Double-Walled Bimetalâ€“Organic Framework for Antibiotics Sensing and Size-Selective Catalysis. Inorganic Chemistry, 2018, 57, 15062-15068.	1.9	57
121	A multiple aptasensor for ultrasensitive detection of miRNAs by using covalent-organic framework nanowire as platform and shell-encoded gold nanoparticles as signal labels. Analytica Chimica Acta, 2019, 1082, 176-185.	2.6	57
122	Multicomponent zirconium-based metal-organic frameworks for impedimetric aptasensing of living cancer cells. Sensors and Actuators B: Chemical, 2020, 306, 127608.	4.0	57
123	A Highly Efficient Coordination Polymer for Selective Trapping and Sensing of Perrhenate/Pertechnetate. ACS Applied Materials & Interfaces, 2020, 12, 15246-15254.	4.0	57
124	Metalâ^'Organic Coordination Architectures with Thiazole-Spaced Pyridinecarboxylates:Â Conformational Polymorphism, Structural Adjustment, and Ligand Flexibility. Crystal Growth and Design, 2007, 7, 124-131.	1.4	56
125	Unusual anion effect on the direction of three-dimensional (3-D) channel-like silver(I) coordination frameworks with isonicotinic acid N-oxide. CrystEngComm, 2009, 11, 1536.	1.3	55
126	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

#	Article	IF	Citations
127	Template-directed construction of conformational supramolecular isomers for bilayer porous metalâ€“organic frameworks with distinct gas sorption behaviors. Chemical Communications, 2015, 51, 6014-6017.	2.2	54
128	A label-free enrofloxacin electrochemical aptasensor constructed by a semiconducting CoNi-based metalâ€“organic framework (MOF). Electrochimica Acta, 2021, 368, 137609.	2.6	54
129	Novel Lanthanide(III) Coordination Polymers with 1,4-Bis(phenyl-sulfinyl)butane Forming Unique Lamellar Square Array:Â Syntheses, Crystal Structures, and Properties. Inorganic Chemistry, 2002, 41, 1007-1010.	1.9	53
130	Bifunctional bioplatform based on NiCo Prussian blue analogue: Label-free impedimetric aptasensor for the early detection of carcino-embryonic antigen and living cancer cells. Sensors and Actuators B: Chemical, 2019, 298, 126852.	4.0	53
131	Novel impedimetric sensing strategy for detecting ochratoxin A based on NH2-MIL-101(Fe) metal-organic framework doped with cobalt phthalocyanine nanoparticles. Food Chemistry, 2021, 351, 129248.	4.2	52
132	Microwave-Assisted Stepwise Synthesis and Typically Metamagnetic Behavior of a Unique Two-Dimensional Net-Based Material Based on Linear Cu(II)-Azido Chains Mediated by Discrete Cu(II) Segments. Crystal Growth and Design, 2010, 10, 20-24.	1.4	51
133	Metalâ€“organic frameworks of manganese(<scp>ii</scp>) 4,4â€²-biphenyldicarboxylates: crystal structures, hydrogen adsorption, and magnetism properties. CrystEngComm, 2010, 12, 677-681.	1.3	50
134	Rational Construction of an Exceptionally Stable MOF Catalyst with Metalâ€Adeninate Vertices toward CO₂ Cycloaddition under Mild and Cocatalystâ€Free Conditions. Chemistry - A European Journal, 2019, 25, 11474-11480.	1.7	50
135	Observation of helical water chains reversibly inlayed in magnesium imidazole-4,5-dicarboxylate. CrystEngComm, 2008, 10, 1175.	1.3	49
136	Ultra-highly selective trapping of perrhenate/pertechnetate by a flexible cationic coordination framework. Chemical Communications, 2019, 55, 1841-1844.	2.2	49
137	Novel CuII, CoII and PbII supramolecular networks of pyridine-2,6-dicarboxylate (pydc) in cooperation with a bent dipyridyl spacer via coordinative, hydrogen-bonding and aromatic stacking interactions. Inorganica Chimica Acta, 2006, 359, 673-679.	1.2	48
138	Optimizing Strategy for Enhancing the Stability and ⁹⁹TcO₄^{â€“} Sequestration of Poly(ionic liquids)@MOFs Composites. ACS Central Science, 2020, 6, 2354-2361.	5.3	48
139	{[Cd(bpo)(SCN)2]Â·CH3CN}n:â€‰ A Novel Three-Dimensional (3D) Noninterpenetrated Channel-Like Open Framework with Porous Properties. Crystal Growth and Design, 2002, 2, 625-629.	1.4	47
140	Controllable preparation, network structures and properties of unusual metalâ€“organic frameworks constructed from 4,4â€²-(hexafluoroisopropylidene)diphthalic acid and 4,4â€²-bipyridyl. Dalton Transactions, 2008, , 2346.	1.6	47
141	Metalâ€“organic coordination architectures with 3-pyridin-3-yl-benzoate: crystal structures, fluorescent emission and magnetic properties. CrystEngComm, 2008, 10, 605.	1.3	47
142	A Versatile Al^{III}â€Based Metalâ€“Organic Framework with High Physicochemical Stability. Chemistry - A European Journal, 2015, 21, 17215-17219.	1.7	47
143	Novel Diazamesocyclic Ligands Functionalized with Pyridyl Donor Group(s) â^' Synthesis, Crystal Structures, and Properties of Their Copper(II) Complexes. European Journal of Inorganic Chemistry, 2001, 2001, 1551-1558.	1.0	46
144	Structural diversity and fluorescent properties of Zn(ii)/Cd(ii) coordination polymers with a versatile tecton 2-(carboxymethoxy)benzoic acid and N-donor co-ligands. CrystEngComm, 2011, 13, 6601.	1.3	46

#	Article	IF	Citations
145	Nanoporous Gold Embedded ZIF Composite for Enhanced Electrochemical Nitrogen Fixation. Angewandte Chemie, 2019, 131, 15506-15510.	1.6	46
146	Ag(i) and Zn(ii) coordination polymers with a bulky naphthalene-based dicarboxyl tecton and different 4,4â€²-bipyridyl-like bridging co-ligands: structural regulation and properties. Dalton Transactions, 2011, 40, 4527.	1.6	45
147	Microporous Cobalt(II)â€“Organic Framework with Open O-Donor Sites for Effective C₂H₂ Storage and C₂H₂/CO₂ Separation at Room Temperature. Inorganic Chemistry, 2017, 56, 14767-14770.	1.9	45
148	A bimetallic CoNi-based metalâ^'organic framework as efficient platform for label-free impedimetric sensing toward hazardous substances. Sensors and Actuators B: Chemical, 2020, 311, 127927.	4.0	45
149	An efficient strategy to achieve hydrophilic polymeric silver(<scp>i</scp>) materials with exceptional antibacterial activity. Chemical Communications, 2013, 49, 1270-1272.	2.2	44
150	Hierarchically structured hollow bimetallic ZnNi MOF microspheres as a sensing platform for adenosine detection. Sensors and Actuators B: Chemical, 2020, 303, 127199.	4.0	44
151	MOF@COF Heterostructure Hybrid for Dual-Mode Photoelectrochemicalâ€“Electrochemical HIV-1 DNA Sensing. Langmuir, 2021, 37, 13479-13492.	1.6	44
152	Crystal engineering of a versatile building block toward the design of novel inorganicâ€“organic coordination architectures. Dalton Transactions, 2004, , 2065-2072.	1.6	43
153	Controllable preparation of ZnII coordination polymers: unusual solvothermal formation of a LiGe-type framework directed by in situ Sâ€“S coupling of 5-(4-pyridyl)-1H-1,2,4-triazole-3-thiol. Chemical Communications, 2008, , 1296.	2.2	43
154	A structural paradigm for 3-periodic semiregular (46.69)-hxg net with high-symmetry hexagonal geometry, constructed from the linear [Cd2NaO6(H2O)6] SBUs and a flexible 6,6â€™-dithiodinicotinate linker. Chemical Communications, 2012, 48, 7459.	2.2	42
155	Ferromagnetic coupling in a unique Cu(II) metallacyclophane with functionalized diazamesocyclic ligands formed by Cu(II)-directed self-assembly: magneto-structural correlations for dichloro-bridged Cu(II) dinuclear complexes. New Journal of Chemistry, 2002, 26, 645-650.	1.4	41
156	Novel Silver(I) Coordination Polymers with a Series of Bis(arylthio)ether Ligands Bearing atrans-2-Butene Backbone. Crystal Growth and Design, 2005, 5, 215-222.	1.4	41
157	Co^{II} and Zn^{II} Coordination Frameworks with Benzene-1,2,3-tricarboxylate Tecton and Flexible Dipyridyl Co-Ligand: A New Type of Entangled Architecture and a Unique 4-Connected Topological Network. Crystal Growth and Design, 2011, 11, 3309-3312.	1.4	41
158	Construction of electrochemical aptasensors with Ag(I) metalâ^'organic frameworks toward high-efficient detection of ultra-trace penicillin. Applied Surface Science, 2020, 531, 147342.	3.1	41
159	Structural and first magnetic characterization of unique mono-Âμ-chloro bridged dinuclear CuII complexes with heterocycle-functionalized diazamesocyclic ligands. New Journal of Chemistry, 2002, 26, 939-945.	1.4	40
160	Novel Metallosupramolecular Networks Constructed from CuII, NiII, and CdII with Mixed Ligands: Crystal Structures, Fluorescence, and Magnetism. European Journal of Inorganic Chemistry, 2006, 2006, 1245-1254.	1.0	40
161	Crystal structures, spectra and magnetic properties of di-2-pyridylamine (dpa) CuII complexes [Cu(dpa)2(N3)2]Â·(H2O)2 and [Cu2(Î¼-ox)(dpa)2(CH3CN)2](ClO4)2. Inorganica Chimica Acta, 2003, 346, 207-214.	1.2	39
162	Structural diversification and metal-directed assembly of coordination architectures based on tetrabromoterephthalic acid and a bent dipyridyl tecton 2,5-bis(4-pyridyl)-1,3,4-oxadiazole. CrystEngComm, 2010, 12, 4392.	1.3	39

#	Article	IF	Citations
163	Unusual 3D ZnII coordination networks with mixed tetrahedral and square-planar building units: from 2-fold interpenetrating bbf architecture to self-penetrating 86 topological frameworks. CrystEngComm, 2011, 13, 3355.	1.3	39
164	Rhodium(III)-Catalyzed Cascade [5 + 1] Annulation/5-exo-Cyclization Initiated by Câ€“H Activation: 1,6-Diynes as One-Carbon Reaction Partners. Organic Letters, 2018, 20, 3245-3249.	2.4	39
165	Encapsulation of an Ionic Metalloporphyrin into a Zeolite Imidazolate Framework in situ for CO₂ Chemical Transformation via Hostâ€“Guest Synergistic Catalysis. Chemistry - an Asian Journal, 2019, 14, 958-962.	1.7	39
166	Towards the Design of Linear Homo-Trinuclear Metal Complexes Based on a New Phenol-Functionalised Diazamesocyclic Ligand: Structural Analysis and Magnetism. European Journal of Inorganic Chemistry, 2005, 2005, 294-304.	1.0	38
167	Flexible Building Blocks ofN,Nâ€˜-Bis(picolinoyl)hydrazine for Hydrogen-Bonding Directed Cocrystallization:â€‰ Structural Diversity, Concomitant Polymorphs, and Synthon Prediction. Crystal Growth and Design, 2006, 6, 1867-1875.	1.4	38
168	Metal-Involved Solvothermal Interconversions of Pyrazinyl Substituted Azole Derivatives: Controllability and Mechanism. Crystal Growth and Design, 2010, 10, 5034-5042.	1.4	38
169	Tracking the Superefficient Anion Exchange of a Dynamic Porous Material Constructed by Ag(I) Nitrate and Tripyridyltriazole via Multistep Single-Crystal to Single-Crystal Transformations. ACS Applied Materials & Interfaces, 2017, 9, 7202-7208.	4.0	38
170	Two- and three-dimensional lanthanideâ€“organic frameworks constructed using 1-hydro-6-oxopyridine-3-carboxylate and oxalate ligands. Dalton Transactions, 2009, , 5666.	1.6	37
171	Angular Dipyridyl Ligands 2,5-Bis(4-pyridyl)-1,3,4-oxadiazole and Its 3-Pyridyl Analogue as Building Blocks for Coordination Architectures: Assemblies, Structural Diversity, and Properties. Bulletin of the Chemical Society of Japan, 2009, 82, 539-554.	2.0	37
172	Hydrothermal preparation, crystal structures and properties of novel Mn(ii) metalâ€“organic frameworks with 5-nitro-1,2,3-benzenetricarboxylate and various dipyridyl ligands. CrystEngComm, 2010, 12, 1439-1449.	1.3	37
173	Hydrothermal Syntheses, Crystal Structures, and Magnetic Properties of a Series of Unique Three-Dimensional Lanthanideâ€™Organic Coordination Frameworks with aN-Protonated 2,6-Dihydroxypyridine-4-Carboxylate Tecton. Crystal Growth and Design, 2011, 11, 811-819.	1.4	37
174	Hierarchical regulated assembly of new metallosupramolecular networks based on metal thiocyanate and trans-1-(2-pyridyl)-2-(4-pyridyl)ethylene (bpe)via multiple interactions. CrystEngComm, 2006, 8, 552.	1.3	36
175	Distinct CdII and CoII thiocyanate coordination complexes with 2,5-bis(pyrazinyl)-1,3,4-oxadiazole: Metal-directed assembly of a 1-D polymeric chain and a 3-D supramolecular network. Inorganica Chimica Acta, 2006, 359, 2575-2582.	1.2	36
176	Coordination Assemblies of Co^{II}/Cu^{II}/Zn^{II}/Cd^{II} with 2,5-Bipyridyl-1,3,4-Oxadiazole and Dicyanamide Anion: Structural Diversification and Properties. Crystal Growth and Design, 2010, 10, 3285-3296.	1.4	36
177	Coupling NiCo Alloy and CeO₂ to Enhance Electrocatalytic Hydrogen Evolution in Alkaline Solution. Advanced Sustainable Systems, 2020, 4, 2000122.	2.7	36
178	Structural diversity and modulation of metalâ€“organic coordination frameworks with a flexible V-shaped dicarboxyl building block. CrystEngComm, 2009, 11, 855.	1.3	35
179	Novel homobinuclear lanthanide(III) complexes with isonicotinoyl hydrazone: synthesis and coordination chemistry. Inorganica Chimica Acta, 2000, 308, 143-149.	1.2	34
180	Synthesis, characterization and crystal structures of new MnII, FeII and AgI complexes with an angular dipyridyl ligand 2,5-bis(4-pyridyl)-1,3,4-oxadiazole. Journal of Molecular Structure, 2004, 694, 235-240.	1.8	34

#	Article	IF	Citations
181	A Search for Predictable Hydrogen-Bonding Synthons in Cocrystallization of Unusual Organic Acids with a Bent Dipyridine. Crystal Growth and Design, 2006, 6, 390-396.	1.4	34
182	Norfloxacin salts with benzenedicarboxylic acids: charge-assisted hydrogen-bonding recognition and solubility regulation. CrystEngComm, 2013, 15, 6090.	1.3	34
183	Coordination Assembly of Zn^{II}/Cd^{II} Terephthalate with Bis-Pyridinecarboxamide Tectons: Establishing Net Entanglements from [3 + 3] Interpenetration to High-Connected Self-Penetration. Crystal Growth and Design, 2013, 13, 996-1001.	1.4	34
184	Bimetallic MnCo oxide nanohybrids prepared from Prussian blue analogue for application as impedimetric aptasensor carrier to detect myoglobin. Chemical Engineering Journal, 2020, 395, 125117.	6.6	34
185	Synthesis, crystal structure, spectroscopy and magnetic properties of a dinuclear CuII complex with 3,5-bis(2-pyridyl)pyrazole bridging ligand. Journal of Molecular Structure, 2005, 737, 17-21.	1.8	33
186	Two-dimensional CuII and first PbII coordination polymers based on a flexible 1,4-cyclohexanedicarboxylate ligand displaying different conformations and coordination modes. Inorganica Chimica Acta, 2005, 358, 4034-4038.	1.2	33
187	Fluorine-Induced Chiral Coordination Arrays Containing Helical Hydrogen-Bonding Chains of Water or Fluorinated Ligand. Crystal Growth and Design, 2011, 11, 5171-5175.	1.4	33
188	Versatile Mesoporous Dy^{III} Coordination Framework for Highly Efficient Trapping of Diverse Pollutants. Inorganic Chemistry, 2014, 53, 7074-7076.	1.9	33
189	Surface Engineering on Nickelâ€“Ruthenium Nanoalloys Attached Defective Carbon Sites as Superior Bifunctional Electrocatalysts for Overall Water Splitting. ACS Applied Materials & Interfaces, 2020, 12, 13842-13851.	4.0	33
190	Tunable Robust pacs-MOFs: a Platform for Systematic Enhancement of the C₂H₂ Uptake and C₂H₂/C₂H₄ Separation Performance. Inorganic Chemistry, 2018, 57, 2883-2889.	1.9	32
191	Immobilization of polyoxometalate in a cage-based metalâ€“organic framework towards enhanced stability and highly effective dye degradation. Polyhedron, 2018, 152, 108-113.	1.0	32
192	Semiconducting Cu_xNi_{3â^'x}(hexahydroxytriphenylene)₂framework for electrochemical aptasensing of C6 glioma cells and epidermal growth factor receptor. Journal of Materials Chemistry B, 2020, 8, 9951-9960.	2.9	32
193	A novel oxalato-bridged dinuclear copper(II) complex with diazamesocyclic terminal ligand: crystal structure, spectroscopy and magnetism. Inorganica Chimica Acta, 2002, 335, 136-140.	1.2	31
194	First Tetranuclear CoII Cluster with Planar Triangular Pattern: Crystal Structure and Ferromagnetic Behavior. European Journal of Inorganic Chemistry, 2004, 2004, 3228-3231.	1.0	31
195	Crystal engineering of 5,5â€²-bisdiazo-dipyrromethane with halogenâ‹Ї synthons. CrystEngComm, 2009, 11, 2441.	1.3	31
196	A 3D Cu^{II} Coordination Framework with Î¼₄-/Î¼₂-Oxalato Anions and a Bent Dipyridyl Coligand: Unique Zeolite-Type NiP₂ Topological Network and Magnetic Properties. Inorganic Chemistry, 2011, 50, 6850-6852.	1.9	31
197	Doubly Interpenetrated Zn₄O-Based Metalâ€“Organic Framework for CO₂ Chemical Transformation and Antibiotic Sensing. Crystal Growth and Design, 2019, 19, 5228-5236.	1.4	31
198	Solvent-controlled assemblies, structures, and properties of two Hg(II) coordination polymers with a multidentate N-donor tecton 3,4-bis(2-pyridyl)-5-(4-pyridyl)-1,2,4-triazole. Inorganic Chemistry Communication, 2010, 13, 1195-1198.	1.8	30

#	Article	IF	Citations
199	Controllable assembly of copper(i)-iodide coordination polymers by tecton design of benzotriazol-1-yl-based pyridyl ligands: from 2D layer to 3D self-penetrating or homochiral networks. CrystEngComm, 2010, 12, 2203.	1.3	30
200	Multifarious ZnII and CdII coordination frameworks constructed by a versatile trans-1-(2-pyridyl)-2-(4-pyridyl)ethylene tecton and various benzenedicarboxyl ligands. CrystEngComm, 2010, 12, 834-844.	1.3	30
201	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
202	A microporous mixed-metal (Na/Cu) mixed-ligand (flexible/rigid) metalâ€“organic framework for photocatalytic H₂ generation. Journal of Materials Chemistry C, 2019, 7, 10211-10217.	2.7	30
203	Modifying silver(I) coordination frameworks containing a flexible dithioether ligand by variation of counter anions. CrystEngComm, 2003, 5, 96-100.	1.3	29
204	Lanthanide-pyridyl-2,5-dicarboxylate N-oxide frameworks with rutile topology. CrystEngComm, 2012, 14, 512-518.	1.3	29
205	Charge Control in Two Isostructural Anionic/Cationic Co^{II} Coordination Frameworks for Enhanced Acetylene Capture. Chemistry - A European Journal, 2016, 22, 15035-15041.	1.7	29
206	Ligand behavior of 2,6-pyridinediylbis(2-pyridinyl)methanone in solvent-controlled formation of iron(III) complexes: A novel asymmetric quasi-linear trinuclear core containing an eight-coordinate iron center. Polyhedron, 2005, 24, 1047-1053.	1.0	28
207	Multicomponent Hydrogen-Bonding Salts Constructed from Tris(2-benzimidazylmethyl)amine and Various Carboxylic Acids: Role of Benzimidazolium-Carboxylate Supramolecular Heterosynthons on Network Assembly. Crystal Growth and Design, 2010, 10, 3060-3069.	1.4	28
208	Polynuclear complexes of macrocyclic oxamide with 5-sulfosalicylate: syntheses, crystal structures and magnetic properties. Dalton Transactions, 2010, 39, 9654.	1.6	28
209	Solvent-mediated assembly of chiral/achiral hydrophilic Ca(<scp>ii</scp>)-tetrafluoroterephthalate coordination frameworks: 3D chiral water aggregation, structural transformation and selective CO₂ adsorption. CrystEngComm, 2014, 16, 7673-7680.	1.3	28
210	A Mixed-Cluster Approach for Building a Highly Porous Cobalt(II) Isonicotinic Acid Framework: Gas Sorption Properties and Computational Analyses. Inorganic Chemistry, 2017, 56, 2379-2382.	1.9	28
211	Coordinative versatility of 2,3-bis(2-pyridyl)-5,8-dimethoxyquinoxaline (L) to different metal ions: syntheses, crystal structures and properties of [Cu(I)L]22+ and [ML]2+ (M=Cu(II), Ni(II), Zn(II) and) Tj ETQq1 1 0.784314 rgBT /Overlock	1.3	27
212	Metal naphthalenedicarboxylates with diverse network architectures: Synthesis, crystal structures and properties. Polyhedron, 2009, 28, 3759-3768.	1.0	27
213	Co-crystallization of a versatile building block 4-amino- 3,5-bis(4-pyridyl)-1,2,4-triazole with R-isophthalic acids (R = â€“H, â€“NH₂, â€“SO₃H, and â€“COOH): polymorphism and substituent effect on structural diversity. CrystEngComm, 2009, 11, 454-462.	1.3	27
214	Thiocyanate-induced conformational transformation of a flexible fluconazole ligand in Cd(II) coordination polymers. CrystEngComm, 2010, 12, 604-611.	1.3	27
215	Two Isostructural Coordination Polymers Showing Diverse Magnetic Behaviors: Weak Coupling (Ni^{II}) and an Ordered Array of Single-Chain Magnets (Co^{II}). Inorganic Chemistry, 2016, 55, 3715-3717.	1.9	27
216	Crystal structure and properties of a CuII coordination polymer with 2-D grid-like host architecture for the inclusion of organic guest molecule. Inorganic Chemistry Communication, 2002, 5, 1003-1006.	1.8	26

#	Article	IF	Citations
217	Two rod-based 3-D lead(II) tetrafluoroterephthalate coordination frameworks with sra topology: Syntheses, structures, and properties. Inorganic Chemistry Communication, 2009, 12, 835-838.	1.8	26
218	Porous coordination networks generated from lanthanum trifluoromethanesulfonate and single/mixed N-oxide spacer linkers. Polyhedron, 2004, 23, 857-863.	1.0	25
219	Alkali-metal-regulated construction of superhydrophilic ZnII and CdII coordination polymers with perhalogenated terephthalate ligands. CrystEngComm, 2013, 15, 9613.	1.3	25
220	Metal assisted rearrangement of 2,2â€²-pyridil with M(ClO4)2Â·6H2O (M=CoII, NiII and CuII): syntheses, characterization and crystal structures. Journal of Molecular Structure, 2002, 607, 155-161.	1.8	24
221	Mechanismâ€“Property Correlation in Coordination Polymer Crystals toward Design of a Superior Sorbent. ACS Applied Materials & Interfaces, 2019, 11, 42375-42384.	4.0	24
222	Formulation of Poly(ionic liquids)@COF Nanotrap for Efficient Perrhenate Sequestration from Alkaline Nuclear Waste. Chemistry of Materials, 2022, 34, 5452-5460.	3.2	24
223	Anion-directed assembly of two fluorescent Cd(II) coordination polymers with a versatile multidentate N-donor building block 3-(2-pyridyl)-4,5-bis(4-pyridyl)-1,2,4-triazole. Inorganic Chemistry Communication, 2010, 13, 863-866.	1.8	23
224	Ligand-to-metal ratio dependent assembly of two distinct 1D and 3D copper(II)-dicyanamide magnetic coordination polymers with a tripyridyltriazole co-tecton. Inorganica Chimica Acta, 2013, 403, 142-146.	1.2	23
225	Dual structure evolution of a Ag(<scp>i</scp>) supramolecular framework triggered by anion-exchange: replacement of terminal ligand and switching of network interpenetration degree. Chemical Communications, 2016, 52, 11060-11063.	2.2	23
226	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
227	Metalâ€“Organic Framework Supported on Processable Polymer Matrix by In Situ Copolymerization for Enhanced Iron(III) Detection. Chemistry - A European Journal, 2017, 23, 3885-3890.	1.7	23
228	Extended chains via hydrogen bond linkages of dinuclear copper(II) and cadmium(II) complexes with a new flexible disulfoxide ligand. Journal of Solid State Chemistry, 2003, 173, 20-26.	1.4	22
229	Metal-directed 1-D molecular-box based coordination polymers with mono- and di-nuclear nodes â€“ Construction of 3-D supramolecular networks via hydrogen bonding and Sâ‹¯S interactions. Inorganica Chimica Acta, 2006, 359, 1690-1696.	1.2	22
230	Flexible and versatile anionic modules in the direction of 1-D, 2-D, and 3-D coordination frameworks by metalâ€“ligand synergistic interactions. CrystEngComm, 2008, 10, 1350.	1.3	22
231	A Co^{II}-based metalâ€“organic framework based on [Co₆(Î¼₃-OH)₄] units exhibiting selective sorption of C₂H₂over CO₂and CH₄. CrystEngComm, 2016, 18, 3760-3763.	1.3	22
232	Quest for the Ncb-type Metalâ€“Organic Framework Platform: A Bifunctional Ligand Approach Meets Net Topology Needs. Inorganic Chemistry, 2017, 56, 7328-7331.	1.9	21
233	[Zn(Î¼-I)Cl2]âˆž: a one-dimensional (1-D) zigzag coordination chain exhibiting unique two-dimensional (2D) hydrogen-bonding supramolecular architecture. Journal of Molecular Structure, 2003, 655, 191-197.	1.8	20
234	Metal-directed assembly of 1-D and 2-D coordination polymers with fluconazole and dicyanamide co-ligand. Inorganica Chimica Acta, 2007, 360, 1970-1976.	1.2	20

#	Article	IF	Citations
235	Synthesis, crystal structures and in vitro anti-fungal activities of two silver(I) coordination polymers with fluconazole. Inorganica Chimica Acta, 2007, 360, 3182-3188.	1.2	20
236	{[Dy2(bpdc)3(H2O)3]Â·H2O}n (bpdc=2,2â€²-bipyridine-4,4â€²-dicarboxylate): A highly-thermostable 3D coordination polymer with unusual mixed-connected network topology. Inorganic Chemistry Communication, 2008, 11, 1260-1263.	1.8	20
237	Three-dimensional frameworks built from hydrogen bonds and Ï€â€“Ï€ stacking interactions: structural and spectral study on Co(II) complexes of 1,5-diazacyclooctane (DACO) functionalized by heterocyclic pendants. Polyhedron, 2001, 20, 3065-3071.	1.0	19
238	Controllable assembly of a 3-D metalâ€“organic supramolecular framework with the inclusion of a well-resolved 1-D water morph. Inorganic Chemistry Communication, 2006, 9, 1199-1203.	1.8	19
239	Metal dicyanamide layered coordination polymers with cyanopyridine co-ligands: Synthesis, crystal structures and magnetism. Journal of Solid State Chemistry, 2006, 179, 3926-3936.	1.4	19
240	A robust porous PtS-type Cu(ii) metalâ€“organic framework: single-crystal-to-single-crystal transformation with reversible guest intercalation accompanied by colour change. CrystEngComm, 2011, 13, 768-770.	1.3	19
241	Diverse Cd(II) coordination polymers with a multidentate N-donor ligand 3,5-bis(4-pyridyl)-4-(3-pyridyl)-1,2,4-triazole and pseudohalide anions. Inorganic Chemistry Communication, 2011, 14, 873-876.	1.8	19
242	An unusual (4,10)-connected 3-D metalâ€“organic framework based on non-planar tricarboxyl tecton and tetracadmium(ii) secondary building units. CrystEngComm, 2012, 14, 5299.	1.3	19
243	Direct growth of two-dimensional phthalocyanine-based COF on Cu-MOF to construct a photoelectrochemical-electrochemical dual-mode biosensing platform for high-efficiency determination of Cr(<scp>iii</scp>). Dalton Transactions, 2021, 50, 14285-14295.	1.6	19
244	A hydrogen-bonded 3D coordination network of CuII nitrate with pyridine-2,6-dicarboxylic acid and 3-(2-pyridyl)pyrazole: hydrothermal synthesis, characterization and crystal structure. Journal of Molecular Structure, 2004, 707, 11-15.	1.8	18
245	{[CuI(bpo)2(CH3CN)]ClO4Â·CH3CNÂ·(H2O)1.5}n: a novel three-dimensional open framework with large rectangular channels assembled from copper(I) perchlorate and 2,5-bis(4-pyridyl)-1,3,4-oxadiazole (bpo). Inorganic Chemistry Communication, 2004, 7, 315-318.	1.8	18
246	{[Cu(bipy)2.5(H2O)](ClO4)2Â·(H2O)Â·(CH3OH)1.5}n (bipy=4,4â€²-bipyridine): organic template effect in formation of a novel bilayer coordination polymer with large chiral channels. Inorganic Chemistry Communication, 2004, 7, 1056-1060.	1.8	18
247	From discrete metallacycle, cage to infinite chain: tuning the coordination frameworks by variation of the metal center or ligand functionality. Inorganic Chemistry Communication, 2005, 8, 1-5.	1.8	18
248	Two-dimensional oxalate-bridged heterometallic coordination polymer: Crystal structure and thermal behavior of [NaCr(pyim)(ox)2(H2O)]Â·2H2O (pyim=2-(2â€²-pyridyl)imidazole). Inorganic Chemistry Communication, 2006, 9, 486-488.	1.8	18
249	Robust anionic building blocks [M(malonate)2(H2O)2]2â^' for crystal engineering of inorganicâ€“organic hybrid materials. Inorganica Chimica Acta, 2007, 360, 1921-1928.	1.2	18
250	Mixed-ligand metallosupramolecular complexes with Brn-terephthalic acid (n=1 or 4) and a versatile bent dipyridyl tecton: Structural modulation by substituent effect of the ligand and metal ion. Polyhedron, 2010, 29, 463-469.	1.0	18
251	Coordination assemblies of CdII/ZnII/CoII with the 3-(pyridin-4-yl) benzoate tecton: Structural diversity and properties. Inorganic Chemistry Communication, 2010, 13, 1126-1130.	1.8	18
252	Structural diversity of 5-methylnicotinate coordination assemblies regulated by metal-ligating tendency and metal-dependent anion effect. CrystEngComm, 2014, 16, 6433.	1.3	18

#	Article	IF	Citations
253	Exceptional sensitivity to the synthetic approach and halogen substituent for Zn(ii) coordination assemblies with 5-halonicotinic acids. Dalton Transactions, 2015, 44, 11109-11118.	1.6	18
254	Title is missing!. Journal of Chemical Crystallography, 2002, 32, 57-61.	0.5	17
255	Formation of cobalt(II)â€“piperazine supramolecular systems under different organic acid mediums: synthesis, characterization and crystal structures. Journal of Molecular Structure, 2004, 692, 155-161.	1.8	17
256	Metal-regulated assemblies of CuII, NiII, and ZnII complexes with isoquinoline-3-carboxylate displaying diverse supramolecular networks. Inorganica Chimica Acta, 2007, 360, 3442-3447.	1.2	17
257	Anion-tuned self-assembly of zinc(II)â€“fluconazole complexes: Crystal structures, luminescent and thermal properties. Journal of Molecular Structure, 2007, 829, 161-167.	1.8	17
258	Silver(I) Double and Multiple Salts Containing the 1,3â€Butadiynediide Dianion: Coordination Diversity and Assembly with the Supramolecular Synthon Ag₄âŠ‚Cï£½Cï£¿Cï£½CâŠƒAg₄. Chemistry - an Asian Journal, 2007, 2, 1240-1257.	3.7	17
259	A 3-D (3,5)-connected CdII coordination framework with unique twofold interpenetrating (4Â·62)(4Â·66Â·83) network topology. Inorganica Chimica Acta, 2009, 362, 1358-1360.	1.2	17
260	Metal and Coâ€Catalyst Free CO 2 Conversion with a Bifunctional Covalent Organic Framework (COF). ChemCatChem, 2020, 12, 5192-5199.	1.8	17
261	Nonenzymatic amperometric sensor for hydrogen peroxide released from living cancer cells based on hierarchical NiCo2O4-CoNiO2 hybrids embedded in partially reduced graphene oxide. Mikrochimica Acta, 2020, 187, 436.	2.5	17
262	Two-dimensional triazine-based porous framework as a novel metal-free bifunctional electrocatalyst for zinc-air batty. Journal of Colloid and Interface Science, 2021, 591, 253-263.	5.0	17
263	[M(L)2(NCS)2(H2O)2] (M=MnII or CoII and L=2,5-bis(4-pyridyl)-1,3,4-oxadiazole): three-dimensional extended networks built from hydrogen bonds and Ï€â€“Ï€ stacking interactionâ€”syntheses and crystal structures. Journal of Molecular Structure, 2002, 608, 229-233.	1.8	16
264	Copper and cadmium coordination polymers of di-3-pyridinylmethanone: Subtle anion effect on the dimensionality of Cd(II) frameworks. Inorganic Chemistry Communication, 2005, 8, 766-768.	1.8	16
265	Group IIB metal complexes with a multidentate N-donor tecton 3,4-bis(2-pyridyl)-5-(3-pyridyl)-1,2,4-triazole: Metal-directed assemblies, crystal structures and properties. Inorganic Chemistry Communication, 2011, 14, 1217-1220.	1.8	16
266	Structural Transformations Induced by Selective and Irreversible Anion Exchanges for a Layered Ag(I) Nitrite Coordination Polymer. Crystal Growth and Design, 2017, 17, 2024-2033.	1.4	16
267	Silver nanoparticle embedded polymerâ€“zirconium-based metalâ€“organic framework (polyUiO-66) for electrochemical biosensors of respiratory viruses. Journal of Materials Chemistry C, 2021, 9, 14190-14200.	2.7	16
268	Efficient Ag/Ag₂O-Doped Cobalt Metallo-Covalent Organic Framework Electrocatalysts for Rechargeable Zinc-Air Battery. ACS Sustainable Chemistry and Engineering, 2021, 9, 5872-5883.	3.2	16
269	Electrochemical aptasensing strategy based on a multivariate polymertitanium-metal-organic framework for zearalenone analysis. Food Chemistry, 2022, 385, 132654.	4.2	16
270	New multidentate heteroscorpionate ligands: N-Phenyl-2,2-bis(pyrazol-1-yl)thioacetamide and ethyl 2,2-bis(pyrazol-1-yl)dithioacetate as well as their derivatives. Journal of Organometallic Chemistry, 2007, 692, 1708-1715.	0.8	15

#	Article	IF	Citations
271	CuII, CoII, and NiII complexes with R-isophthalate (R=â€“CH3 or â€“OCH3) and a bent dipyridyl 2,5-bis(3-pyridyl)-1,3,4-oxadiazole: Structural diversification induced by metal ion and substituent of ligand. Journal of Molecular Structure, 2010, 975, 147-153.	1.8	15
272	A 3-D metalâ€“organic framework of CuII perchlorate and 2-(2-pyridyl)-5-(4-pyridyl)-1,3,4-oxadiazole showing the exclusive anion-exchange selectivity to benzoate. Inorganic Chemistry Communication, 2012, 15, 172-175.	1.8	15
273	Anion-directed assembly and crystal transformation of Ag(I) coordination polymers with a versatile tripyridyltriazole ligand 3,4-bis(2-pyridyl)-5-(4-pyridyl)-1,2,4-triazole. Journal of Solid State Chemistry, 2015, 223, 95-103.	1.4	15
274	Isolation of a thermodynamically unfavorable [Ni(DACO)2]2+ complex and its isomer: syntheses, characterization, crystal structures and theoretical study (DACO=1,5-diazacyclooctane). Inorganica Chimica Acta, 2001, 320, 190-197.	1.2	14
275	Three-dimensional (3-D) metal-organic frameworks with 3-pyridin-4-yl-benzoate defining new (3,6)-connected net topologies. Journal of Solid State Chemistry, 2009, 182, 3211-3214.	1.4	14
276	Novel (4,8)-connected scu coordination framework constructed by tetrakis(4-benzoic acid)ethylene. CrystEngComm, 2013, 15, 1669.	1.3	14
277	Syntheses and crystal structures of new mono- and di-nuclear platinum(II) complexes with dithioether ligands. Journal of Molecular Structure, 2002, 607, 175-179.	1.8	13
278	Palladium-Catalyzed Câ€“N Bond Cleavage of 2H-Azirines for the Synthesis of Functionalized Î±-Amido Ketones. Journal of Organic Chemistry, 2019, 84, 2200-2208.	1.7	13
279	Rhodium-catalyzed multiple Câ€“H activation/highlymeta-selective Câ€“H amination between amidines and alkynes. Chemical Communications, 2020, 56, 11227-11230.	2.2	13
280	Hierarchically Nanoporous TS-1 Zeolites for Catalytic Oxidation Desulfurization of Liquid Fuels. ACS Applied Nano Materials, 2020, 3, 9393-9400.	2.4	13
281	A large delocalized Ï€-electron system: diquinoxalino[2,3-a:2â€²,3â€²-c]phenazine chloroform solvate. Acta Crystallographica Section C: Crystal Structure Communications, 2001, 57, 199-200.	0.4	12
282	Coordination chemistry of heterocycle-functionalized diazamesocycles: tuning the productive NiII complexes through altering the pendants of ligands. Inorganica Chimica Acta, 2005, 358, 1887-1896.	1.2	12
283	Solvent-induced conformational isomerism of a flexible fluorinated bis(imidazole) ligand on the self-assembly of 1-D and 2-D CuII coordination polymers. Inorganic Chemistry Communication, 2012, 15, 180-184.	1.8	12
284	Divergent Structural Transformations in 3D Ag(I) Porous Coordination Polymers Induced by Solvent and Anion Exchanges. Crystal Growth and Design, 2019, 19, 2235-2244.	1.4	12
285	Synthesis, structural characterization and bioassay screening of dimeric bis[dicarboxylatotetraorganodistannoxanes]. Applied Organometallic Chemistry, 2005, 19, 1055-1059.	1.7	11
286	Structural modulation of Cd(II) supramolecular frameworks with a versatile 2,4-dipyridyl-type building block and different dicarboxylate ligands. Science in China Series B: Chemistry, 2009, 52, 1470-1478.	0.8	11
287	Highly-thermostable lanthanideâ€“organic coordination frameworks with N-protonated 2,6-dihydroxypyridine-4-carboxylate exhibiting unusual 3-D mixed-connected network topology. CrystEngComm, 2011, 13, 6555.	1.3	11
288	A unique 3-D chiral Zn(II) coordination framework with 1,2,3-benzenetricarboxyl and 4,4â€²-bipyridyl tectons showing 4-connected self-penetrating network and helical character. Inorganic Chemistry Communication, 2011, 14, 1584-1587.	1.8	11

#	Article	IF	Citations
289	Solvent-regulated assemblies of silver(I) and cadmium(II) supramolecular complexes with versatile tripyridyltriazole multidentate ligands. Inorganica Chimica Acta, 2013, 395, 212-217.	1.2	11
290	Anionâ€Directed Entangling Coordination Networks: Luminescence Sensing and Magnetic Properties. ChemPlusChem, 2016, 81, 857-863.	1.3	11
291	Waterâ€Mediated Structural Transformations of Cu^{II} 5â€Halonicotinates Coordination Networks with Distinct Mechanisms. Chemistry - A European Journal, 2017, 23, 12985-12990.	1.7	11
292	A high-activity cobalt-based MOF catalyst for [2Â+ 2 + 2] cycloaddition of diynes and alkynes: insights into alkyne affinity and selectivity control. RSC Advances, 2018, 8, 4895-4899.	1.7	11
293	Structural and spectral studies of some coordination complexes of a phenol-functionalized diazamesocyclic ligand 1,4-bis-(3-tert-butyl-5-methyl-2-hydroxybenzyl)-1,4-diazacycloheptane (H2L). Journal of Molecular Structure, 2002, 643, 77-83.	1.8	10
294	Synthesis, crystal structures and properties of novel zinc(II) and cadmium(II) polymeric and cyclic bimetallic complexes with fluconazole and dicarboxylate co-ligands. Inorganica Chimica Acta, 2010, 363, 1031-1038.	1.2	10
295	Structural design of coordination polymers. CrystEngComm, 2013, 15, 9237.	1.3	10
296	Synthesis, spectra and crystal structure of a CuII complex exhibiting novel two-dimensional joint-ladder like hydrogen-bonding pattern with an amino-acid type diazamesocyclic ligand. Journal of Molecular Structure, 2004, 692, 195-199.	1.8	9
297	Novel Bimetallic Macrocyclic Complexes Assembled from PdII and Flexible Pyridyl Dithioether Bridging Spacers. Supramolecular Chemistry, 2004, 16, 101-106.	1.5	9
298	Unusual (4,6)-connected lanthanide 1,3-phenylenediacetate coordination frameworks displaying lanthanide contraction effect and 1D and 2D mixed self-weaving architecture. Inorganic Chemistry Communication, 2011, 14, 231-234.	1.8	9
299	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
300	Two 3D open coordination frameworks constructed by CdII or ZnII perchlorate and 4-(4-pyridyl)-3,5-bis(2-pyridyl)-1,2,4-triazole showing selective anion-exchange behaviors to acetate. Inorganic Chemistry Communication, 2013, 38, 70-73.	1.8	9
301	A novel three-dimensional copper(II) networkviahydrogen bonds: diaquabis[bis(pyrazol-1-yl-Î²N2)methane]copper(II) diperchlorate. Acta Crystallographica Section C: Crystal Structure Communications, 2000, 56, 1210-1212.	0.4	8
302	A novel box-like dinuclear AgI complex [AgL(CH3CN)]2(ClO4)2 exhibiting extended network linkage of unique Î¼4-ClO4â¯ via Câ€“Hâ‹¯O interactions: synthesis, spectra and crystal structure. Journal of Molecular Structure, 2002, 607, 143-148.	1.8	8
303	Synthesis, spectral and structural characterization of a novel phenoxo-bridged dinuclear CoII complex with a tridentate phenol-functionalized diazamesocyclic ligand. Journal of Molecular Structure, 2002, 641, 193-198.	1.8	8
304	Synthesis, characterization and crystal structure of a Phenol-functionalized diazamesocyclic derivative with unexpected configuration. Journal of Molecular Structure, 2003, 646, 191-196.	1.8	8
305	Hydrothermal synthesis, characterization and crystal structure of a three-dimensional (3D) ZnII supramolecular compound with ethylenediaminetetraacetic acid ligand and 4-(carboxylate)pyridinium guests. Journal of Molecular Structure, 2004, 701, 119-124.	1.8	8
306	Solvothermal in situ formation of a hexanuclear copper(I) complex with 2-thiolate-N,Nâ€²-dimethylnicotinamide. Inorganic Chemistry Communication, 2007, 10, 1437-1439.	1.8	8

#	Article	IF	Citations
307	New supramolecular complexes generated from MnII, FeII, CoII, ZnII, FeIII with a bent dipyridyl ligand: Metal- and anion-directed assembly. Inorganica Chimica Acta, 2007, 360, 2169-2174.	1.2	8
308	Conformational isomerism of a flexible fluorinated bis-pyridinecarboxamide ligand in the structural direction of two distinct layered CuII coordination polymers. Inorganic Chemistry Communication, 2008, 11, 1371-1374.	1.8	8
309	Distinct 1D Cd(II) coordination polymers constructed by three isomeric tripyridyltriazole building blocks and thiocyanate anions. Inorganic Chemistry Communication, 2012, 22, 77-81.	1.8	8
310	Structural and spectral investigation on the CoII complexes with 1,4-diazacycloheptane (DACH) functionalized by heterocyclic pendants. Journal of Molecular Structure, 2002, 610, 27-31.	1.8	7
311	[Cu4ICuII(CN)6(DMF)4]n(DMF isN,Nâ€²-dimethylformamide): redetermination and topological analysis of a mixed-valence copperâ€“cyanide coordination polymer with a unique six-connected self-penetrating network. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, m1237-m1239.	0.2	7
312	Anion-controlled formation of diverse porous cobalt(II) coordination polymers with 1,2-bis(4-pyridyl)ethane-N,Nâ€²-dioxide. Inorganic Chemistry Communication, 2005, 8, 623-625.	1.8	7
313	Co-crystallization of hemimellitic acid with 4,4â€²-bipyridine forming a pillar-layered hydrogen-bonded network. Acta Crystallographica Section C: Crystal Structure Communications, 2005, 61, o574-o576.	0.4	7
314	Synthesis, characterization and biological activity of diorganotin dithioate derivatives. Applied Organometallic Chemistry, 2006, 20, 448-453.	1.7	7
315	Hydrothermal synthesis, crystal structures, and properties of CoII and NiII supramolecular complexes with 2,4,6-trimethyl benzoate and 4,4â€²-bipyridyl. Polyhedron, 2008, 27, 3593-3600.	1.0	7
316	Hydrothermal synthesis, crystal structures and properties of new FeII, CoII, NiII, and ZnII complexes with 6-quinolinecarboxylate: Interplay of coordinative and noncovalent interactions. Inorganica Chimica Acta, 2008, 361, 1555-1561.	1.2	7
317	Anion-directed supramolecular assembly of cobalt(II)-fluconazole coordination polymers: Structural diversity, fluorescent and magnetic properties. Inorganica Chimica Acta, 2010, 363, 866-876.	1.2	7
318	In situ syntheses, crystal structures and magnetic properties of Cu^{II}and Mn^{II}coordination assemblies based on a novel heteroalicyclic dicarboxylate tecton and N-donor co-ligands. CrystEngComm, 2012, 14, 160-168.	1.3	7
319	Controlled Crystal Transformations of a Chiral Conglomerate with Heterotactic Helical Coordination Arrays. Crystal Growth and Design, 2018, 18, 4252-4256.	1.4	7
320	Conjugated bimetallic cobalt/iron polyphthalocyanine as an electrochemical aptasensing platform for impedimetric determination of enrofloxacin in diverse environments. Mikrochimica Acta, 2021, 188, 432.	2.5	7
321	Synthesis, spectra and crystal structures of two RuII complexes with polypyridyl ligands: cis-[Ru(bpy)2(4,4â€²-bpy)Cl](PF6)Â·H2O and cis-[Ru(phen)2(CH3CN)2](PF6)2. Journal of Molecular Structure, 2002, 610, 207-213.	1.8	6
322	Synthesis, crystal structure and properties of the CuII complex of a tetradentate imidazole-functionalized diazamesocyclic ligand, 1,4-bis(N-1-methylimidazol-2-yl-methyl)-1,4-diazacycloheptane. Journal of Molecular Structure, 2002, 641, 29-34.	1.8	6
323	Mixed-ligand complexes with trans-1-(2-pyridyl)-2-(4-pyridyl)ethylene terminal and different aromatic polycarboxyl linkers: Synergistic modulation of metallosupramolecular architectures via coordinative and secondary interactions. Polyhedron, 2009, 28, 2347-2354.	1.0	6
324	Novel HgII and MnII supramolecular complexes with a versatile building block 5-(4-pyridyl)-1,3,4-oxadiazole-2-thiolate involving in situ ligand formation. Inorganic Chemistry Communication, 2009, 12, 1038-1041.	1.8	6

#	Article	IF	Citations
325	Title is missing!. Journal of Chemical Crystallography, 2000, 30, 531-534.	0.5	5
326	5-(4-Pyridyl)-1,3,4-oxadiazole-2(3H)-thione. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o327-o328.	0.2	5
327	Preparation, spectra and crystal structure of a novel NiII complex with a new oxime-functionalized diazamesocyclic ligand. Journal of Molecular Structure, 2004, 687, 119-124.	1.8	5
328	Oxime-functionalized diazamesocyclic derivates and their metal complexes: Effect of the ligand backbones and anions on the generation of novel monomeric and mono-Î¼-Cl dimeric CuII complexes. Inorganica Chimica Acta, 2005, 358, 4481-4488.	1.2	5
329	Preparation, crystal structure and properties of a novel microporous CuII coordination polymer with 6-quinolinecarboxylate. Inorganica Chimica Acta, 2008, 361, 1827-1831.	1.2	5
330	Secondary template-free synthesis of hierarchical beta zeolite nanocrystals with tunable porosity and size. Microporous and Mesoporous Materials, 2020, 309, 110448.	2.2	5
331	[1,5-Bis(1-methyl-1H-imidazol-2-ylmethyl-ÎºN3)-1,5-diazacyclooctane-N,Nâ€²]chlorocobalt(II) perchlorate. Acta Crystallographica Section C: Crystal Structure Communications, 2000, 56, 769-770.	0.4	4
332	Title is missing!. Journal of Chemical Crystallography, 2002, 32, 127-131.	0.5	4
333	5-Nitro-2,3-bis(2-pyridyl)quinoxaline. Acta Crystallographica Section C: Crystal Structure Communications, 2003, 59, o403-o405.	0.4	4
334	Three-dimensional hydrogen-bonding supramolecular architecture of 2-(3-pyridinio)-5-(3-pyridyl)-1,3,4-oxadiazole perchlorate. Acta Crystallographica Section C: Crystal Structure Communications, 2004, 60, o54-o56.	0.4	4
335	2,5-Bis(4-pyridyl)-1,3,4-thiadiazole. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o706-o707.	0.2	4
336	A two-dimensional hydrogen-bonding supramolecular architecture of bis(2,2â€²-bipyridine)[(p-phenylenedioxy)diacetato]copper(II) tetrahydrate. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, m1139-m1141.	0.2	4
337	Crystallographic report: Diazido[bis(2-pyridyl)amine]zinc(II) hydrate,[Zn(C10H9N3)2(N3)2]Â·H2O. Applied Organometallic Chemistry, 2004, 18, 93-94.	1.7	4
338	Diaquabis(2,5-di-3-pyridyl-1,3,4-oxadiazole)dithiocyanatomanganese(II): a three-dimensional supramolecular network formed through Oâ€”H...N and Câ€”H...S interactions. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, m485-m487.	0.2	4
339	Configuration flexibility of 2,5-bis(3-pyridyl)-1,3,4-oxadiazole in controllable cocrystallization with 3-hydroxybenzoic acid. Journal of Molecular Structure, 2006, 791, 131-136.	1.8	4
340	Mechanisms of Solventâ€Mediated Structural Transformations for Dynamic Crystals of Supramolecular Coordination Systems. Chemistry - A European Journal, 2018, 24, 13072-13077.	1.7	4
341	Nickel-ruthenium nanoalloy encapsulated in mesoporous carbon as active electrocatalysts for highly efficient overall water splitting in alkaline solution. Electrochimica Acta, 2020, 334, 135653.	2.6	4
342	Dualâ€Atomic Catalysts Deduced from dâ^Ï€ Conjugated Metalâ^Organic Frameworks for Efficient Oxygen Evolution Reaction. Advanced Materials Interfaces, 2022, 9, .	1.9	4

#	Article	IF	Citations
343	Chloro(2-{[5-(2-hydroxybenzyl-O)-1,5-diaza-1-cyclooctyl-N,Nâ€²]methyl}phenolato-O)cadmium(II). Acta Crystallographica Section C: Crystal Structure Communications, 2000, 56, 1090-1091.	0.4	3
344	5,6-Bis(2-pyridyl)-2,3-pyrazinedicarbonitrile. Acta Crystallographica Section C: Crystal Structure Communications, 2001, 57, 201-202.	0.4	3
345	Bis{Î¼-2-[(1,5-diaza-1-cyclooctyl)methyl]phenolato-N,Nâ€²,O:O}bis[chlorozinc(II)] diacetone solvate: design of a square-pyramidal ZnN2O2Cl complex. Acta Crystallographica Section C: Crystal Structure Communications, 2001, 57, 893-894.	0.4	3
346	Nickel-mediated alcoholysis reaction of carbonâ€“nitrogen triple bond: structural characterization of an unprecedented moisture stable imido ester with an E-configuration. Inorganic Chemistry Communication, 2001, 4, 150-152.	1.8	3
347	Hydrogen-bonding in 4-(hydroxymethyl)imidazolium picrate. Acta Crystallographica Section E: Structure Reports Online, 2003, 59, o1898-o1900.	0.2	3
348	Î¼-Acetato-di-Î¼-hydroxo-bis{acetato[bis(2-pyridyl)amine]cobalt(III)} acetate tetrahydrate: a novel mixed-bridged dinuclear CoIIIcomplex with bis(2-pyridyl)amine as terminal ligands. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, m785-m787.	0.2	3
349	Formation of a CuII complex through metal-assisted alcoholysis reaction of an oxadiazole-containing dipyridyl ligand: mechanism, characterization and crystal structure. Journal of Molecular Structure, 2004, 702, 55-59.	1.8	3
350	A three-dimensional hydrogen-bonded network of diaquabis(2,5-di-3-pyridyl-1,3,4-oxadiazole)dithiocyanatoiron(II). Acta Crystallographica Section E: Structure Reports Online, 2005, 61, m913-m915.	0.2	3
351	Hydrogen-bonded sheets in the 1:1 cocrystal of biphenyl-4,4â€²-dicarboxylic acid with 2,5-di-4-pyridyl-1,3,4-oxadiazole. Acta Crystallographica Section C: Crystal Structure Communications, 2006, 62, o33-o35.	0.4	3
352	New pentacoordinate bicyclodiazastannsulfide formed between the functionalized cyclopentadienyl ring and tin. Journal of Organometallic Chemistry, 2006, 691, 3633-3639.	0.8	3
353	Structural and Spectral Studies on the Ni(II) Complexes of 1,5â€Ðiazacyclooctane (DACO) Bearing Heterocyclic Pendants: Formation of a Twoâ€dimensional Network via Hydrogen Bonds and Ï€â€Ï€ Stacking Interactions. Chinese Journal of Chemistry, 2001, 19, 860-865.	2.6	3
354	A novel ferromagnetically-coupled trinuclear nickel(II) complex constructed from the new 1,2-di(pyridin-2-yl)ethanone ligand in its enolate form. Inorganic Chemistry Communication, 2012, 20, 184-187.	1.8	3
355	Bis(1,5-diazacyclooctane-N,Nâ€²)nickel(II) dibromide. Acta Crystallographica Section C: Crystal Structure Communications, 2000, 56, 1314-1315.	0.4	2
356	[5-Amino-6,8-dichloro-2,3-bis(2-pyridyl)quinoxaline]dichlorozinc(II). Acta Crystallographica Section E: Structure Reports Online, 2002, 58, m436-m438.	0.2	2
357	2-tert-Butyl-4-methyl-6-(1-piperidiniomethyl)phenol bromide. Acta Crystallographica Section E: Structure Reports Online, 2003, 59, o1586-o1588.	0.2	2
358	3-CarboxypyridineN-oxide: supramolecular aggregation through Oâ€”H...O and Câ€”H...O interactions. Acta Crystallographica Section E: Structure Reports Online, 2003, 59, o1645-o1647.	0.2	2
359	Diaquabis[2,5-bis(4-pyridyl)-1,3,4-thiadiazole]dithiocyanatocobalt(II) dihydrate. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, m267-m269.	0.2	2
360	2-(2-Pyridylamino)pyridinium nitrate monohydrate: two-dimensional supramolecular aggregation through hydrogen-bonding and Ï€â€“Ï€ stacking interactions. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o439-o441.	0.2	2

#	Article	IF	Citations
361	A new polymorph of 2,5-bis(4-pyridyl)-1,3,4-thiadiazole. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o2547-o2548.	0.2	2
362	A one-dimensional CdIIcoordination polymer: poly[[[bis[methanolcadmium(II)]-Î¼2-aqua]-bis(Î¼3-pyridine-2,6-dicarboxylato-Îº5O:O,N,Oâ€²:Oâ€²)]. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m126-m128.	0.2	2
363	1,3,5-Tris(phenylthiomethyl)-2,4,6-trimethylbenzene. Acta Crystallographica Section E: Structure Reports Online, 2002, 58, o243-o244.	0.2	1
364	[1,4-Bis(pyridyl-2-ylmethyl)-1,4-diazacycloheptane]chlorocobalt(II) perchlorate. Acta Crystallographica Section E: Structure Reports Online, 2002, 58, m454-m456.	0.2	1
365	4-Amino-3,5-bis(4-pyridyl)-1,2,4-triazole. Acta Crystallographica Section E: Structure Reports Online, 2002, 58, o966-o968.	0.2	1
366	5,8-Dimethoxy-2,3-bis(2-pyridyl)quinoxaline. Acta Crystallographica Section C: Crystal Structure Communications, 2003, 59, o496-o498.	0.4	1
367	Hexaquacobalt(II) bis(isonicotinateN-oxide): a redetermination and analysis of the hydrogen-bonding interactions. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, m788-m790.	0.2	1
368	Crystallographic report: 1,4-Bis(carboxymethyldiphenylphosphonio)butane dibromide,(CH2)4[(HOOCCH2)Ph2P(+)]2Â·2Br(â^'). Applied Organometallic Chemistry, 2004, 18, 499-500.	1.7	1
369	Triaquabis(4-carboxy-1H-imidazole-5-carboxylato)cadmium(II) monohydrate: a three-dimensional hydrogen-bonded network. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, m1746-m1748.	0.2	1
370	Di-2-pyridyl ketone azine. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o284-o285.	0.2	1
371	Di-Î¼-methoxo-bis{[bis(methoxycarbimido)aminato]copper(II)}. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, m3580-m3581.	0.2	1
372	An unusual chain cadmium(II) coordination polymer:catena-poly[[(2,2â€²-bipyridyl-Îº2N,Nâ€²)cadmium(II)]-di-Î¼-chlorido-[(2,2â€²-bipyridyl-Îº2N,Nâ€²)cadmium(II)]-di-Î¼-thiocyana Acta Crystallographica Section C: Crystal Structure Communications, 2007, 63, m570-m572.	0.4	1
373	Synthesis and Crystal Structure of (PzCH2CHOHCH2PzH)Â·(Ph2SnCl3) (PzÂ=Â3,5-dimethylpyrazol-1-yl). Journal of Chemical Crystallography, 2010, 40, 668-671.	0.5	1
374	A New Dinuclear Copper (II) Complex of a Bisâ€•macrocyclic Ligand: Synthesis, Characterization, Crystal Structure and Magnetic Properties. Chinese Journal of Chemistry, 2001, 19, 778-782.	2.6	1
375	Hybrid Nanosheet Arrays: Boosting Activity on Co₄N Porous Nanosheet by Coupling CeO₂ for Efficient Electrochemical Overall Water Splitting at High Current Densities (Adv. Funct. Mater. 32/2020). Advanced Functional Materials, 2020, 30, 2070213.	7.8	1
376	2-tert-Butyl-4-methyl-6-(1-piperidiniomethyl)phenol perchlorate. Acta Crystallographica Section E: Structure Reports Online, 2003, 59, o1161-o1162.	0.2	0
377	Analysis of the configuration and hydrogen-bonding interactions in the crystal structure of 5,8-dimethoxy-2,3-bis(2-pyridinio)quinoxaline perchlorate dihydrate. Journal of Chemical Crystallography, 2004, 34, 415-421.	0.5	0
378	2-tert-Butyl-4-methyl-6-(1-piperidiniomethyl)phenol chloride. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o37-o39.	0.2	0

#	Article	IF	Citations
379	The two-dimensional coordination polymer poly[[silver(I)-di-Î¼-1,5-bis(phenylsulfanyl)pentane] tetrafluoroborate]. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, m193-m195.	0.2	0
380	Crystallographic report: 1,4-Bis(carboxymethyldiphenylphosphonio)butane dinitrate, (CH2)4[(HOOCCH2)Ph2P(+)]2Â·2(NO3(â¯)). Applied Organometallic Chemistry, 2005, 19, 195-196.	1.7	0
381	Isophthalic acidâ€“3,6-bis(2-pyrazinyl)-1,4-dihydro-1,2,4,5-tetrazine (1/1). Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o3530-o3530.	0.2	0
382	Synthesis of (4-methoxycarbonyl-1-naphthoyl)cyclopentadienyl Mâ€“Sn(IV) heterobimetallic complexes. Journal of Coordination Chemistry, 2008, 61, 956-964.	0.8	0
383	Structural and Spectroscopic Studies on [Cu(DACH)2(H2O)]-Cl2 (DACH = 1,4-Diazacycloheptane). Chinese Journal of Chemistry, 2010, 20, 29-33.	2.6	0
384	Highlights of recent advances in functional coordination polymers made in China. Science Bulletin, 2011, 56, 2297-2299.	1.7	0
385	Waterâ€Mediated Structural Transformations of Cu^{II} 5â€Halonicotinates Coordination Networks with Distinct Mechanisms. Chemistry - A European Journal, 2017, 23, 12959-12959.	1.7	0
386	Frontispiece: Mechanisms of Solventâ€Mediated Structural Transformations for Dynamic Crystals of Supramolecular Coordination Systems. Chemistry - A European Journal, 2018, 24, .	1.7	0