

Peng Cheng

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7370310/peng-cheng-publications-by-citations.pdf>

Version: 2024-04-27

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

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

567
papers

24,539
citations

82
h-index

129
g-index

592
ext. papers

27,398
ext. citations

6
avg, IF

7.34
L-index

#	Paper	IF	Citations
567	Coordination polymers containing 1D channels as selective luminescent probes. <i>Journal of the American Chemical Society</i> , 2004 , 126, 15394-5	16.4	814
566	Design and synthesis of 3d-4f metal-based zeolite-type materials with a 3D nanotubular structure encapsulated "water" pipe. <i>Journal of the American Chemical Society</i> , 2004 , 126, 3012-3	16.4	558
565	A nanotubular 3D coordination polymer based on a 3d-4f heterometallic assembly. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 934-6	16.4	445
564	Toward heterometallic single-molecule magnets: Synthetic strategy, structures and properties of 3d/4f discrete complexes. <i>Coordination Chemistry Reviews</i> , 2015 , 289-290, 74-122	23.2	377
563	Constraining the coordination geometries of lanthanide centers and magnetic building blocks in frameworks: a new strategy for molecular nanomagnets. <i>Chemical Society Reviews</i> , 2016 , 45, 2423-39	58.5	327
562	Highly selective luminescent sensing of fluoride and organic small-molecule pollutants based on novel lanthanide metal-organic frameworks. <i>Inorganic Chemistry</i> , 2013 , 52, 8082-90	5.1	279
561	A mixed-crystal lanthanide zeolite-like metal-organic framework as a fluorescent indicator for lysophosphatidic acid, a cancer biomarker. <i>Journal of the American Chemical Society</i> , 2015 , 137, 12203-6	16.4	277
560	Experimental Studies and Mechanism Analysis of High-Sensitivity Luminescent Sensing of Pollutational Small Molecules and Ions in Ln ₄ O ₄ Cluster Based Microporous Metal-Organic Frameworks. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 416-426	3.8	276
559	A promising Mg(II)-ion-selective luminescent probe: structures and properties of Dy-Mn polymers with high symmetry. <i>Chemistry - A European Journal</i> , 2005 , 12, 149-58	4.8	270
558	Two- and three-dimensional lanthanide complexes: synthesis, crystal structures, and properties. <i>Inorganic Chemistry</i> , 2007 , 46, 3450-8	5.1	259
557	A Bimetallic Lanthanide Metal-Organic Material as a Self-Calibrating Color-Gradient Luminescent Sensor. <i>Advanced Materials</i> , 2015 , 27, 7072-7	24	246
556	A 24-Gd nanocapsule with a large magnetocaloric effect. <i>Chemical Communications</i> , 2013 , 49, 1055-7	5.8	239
555	An efficient nanoscale heterogeneous catalyst for the capture and conversion of carbon dioxide at ambient pressure. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 988-91	16.4	237
554	Multicenter Metal-Organic Framework-Based Ratiometric Fluorescent Sensors. <i>Advanced Materials</i> , 2020 , 32, e1805871	24	237
553	Rapid Detection of the Biomarkers for Carcinoid Tumors by a Water Stable Luminescent Lanthanide Metal-Organic Framework Sensor. <i>Advanced Functional Materials</i> , 2018 , 28, 1707169	15.6	235
552	Influence of Guest Exchange on the Magnetization Dynamics of Dilanthanide Single-Molecule-Magnet Nodes within a Metal-Organic Framework. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 9861-5	16.4	230
551	A promising new route towards single-molecule magnets based on the oxalate ligand. <i>Chemical Communications</i> , 2010 , 46, 1506-8	5.8	228

550	Synthesis and characterization of metal-organic frameworks based on 4-hydroxypyridine-2,6-dicarboxylic acid and pyridine-2,6-dicarboxylic acid ligands. <i>Inorganic Chemistry</i> , 2006 , 45, 5980-8	5.1	225
549	Robust Ultramicroporous Metal-Organic Frameworks with Benchmark Affinity for Acetylene. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 10971-10975	16.4	218
548	Fast capture and separation of, and luminescent probe for, pollutant chromate using a multi-functional cationic heterometal-organic framework. <i>Chemical Communications</i> , 2012 , 48, 8231-3	5.8	208
547	Ultrastrong Alkali-Resisting Lanthanide-Zeolites Assembled by [Ln60] Nanocages. <i>Journal of the American Chemical Society</i> , 2015 , 137, 15988-91	16.4	205
546	Multipoint interactions enhanced CO ₂ uptake: a zeolite-like zinc-tetrazole framework with 24-nuclear zinc cages. <i>Journal of the American Chemical Society</i> , 2012 , 134, 18892-5	16.4	205
545	Enhancing anisotropy barriers of dysprosium(III) single-ion magnets. <i>Chemistry - A European Journal</i> , 2012 , 18, 2484-7	4.8	200
544	Novel triazole-bridged cadmium coordination polymers varying from zero- to three-dimensionality. <i>Inorganic Chemistry</i> , 2004 , 43, 33-43	5.1	198
543	Enhanced hydrostability in Ni-doped MOF-5. <i>Inorganic Chemistry</i> , 2012 , 51, 9200-7	5.1	177
542	A novel 3D porous metal-organic framework based on trinuclear cadmium clusters as a promising luminescent material exhibiting tunable emissions between UV and visible wavelengths. <i>Chemical Communications</i> , 2006 , 4906-8	5.8	177
541	Systematic investigation of the hydrothermal syntheses of Pr(III)-PDA (PDA = pyridine-2,6-dicarboxylate anion) metal-organic frameworks. <i>Inorganic Chemistry</i> , 2005 , 44, 911-20	5.1	176
540	Self-Assembly of Right-Handed Helical Infinite Chain, One- and Two-Dimensional Coordination Polymers Tuned via Anions. <i>Crystal Growth and Design</i> , 2005 , 5, 1215-1219	3.5	152
539	Highly selective sorption and luminescent sensing of small molecules demonstrated in a multifunctional lanthanide microporous metal-organic framework containing 1D honeycomb-type channels. <i>Chemistry - A European Journal</i> , 2013 , 19, 3358-65	4.8	151
538	A single-molecule magnet assembly exhibiting a dielectric transition at 470 K. <i>Chemical Science</i> , 2012 , 3, 3366	9.4	150
537	Synthesis of a series of 4-pyridyl-1,2,4-triazole-containing cadmium(II) luminescent complexes. <i>Dalton Transactions</i> , 2006 , 665-75	4.3	145
536	A cage-based cationic body-centered tetragonal metal-organic framework: single-crystal to single-crystal transformation and selective uptake of organic dyes. <i>Chemical Communications</i> , 2015 , 51, 370-2	5.8	143
535	Three Cadmium Coordination Polymers with Carboxylate and Pyridine Mixed Ligands: Luminescent Sensors for Fe and Cr Ions in an Aqueous Medium. <i>Inorganic Chemistry</i> , 2017 , 56, 11768-11778	5.1	143
534	A Semi-Conductive Copper-Organic Framework with Two Types of Photocatalytic Activity. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 4938-42	16.4	142
533	Detection of polychlorinated benzenes (persistent organic pollutants) by a luminescent sensor based on a lanthanide metal-organic framework. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 5541-5549	13	138

532	The first dinuclear copper(II) and zinc(II) complexes containing novel Bis-TACN: syntheses, structures, and DNA cleavage activities. <i>Dalton Transactions</i> , 2007 , 1060-6	4.3	135
531	Coordination-perturbed single-molecule magnet behaviour of mononuclear dysprosium complexes. <i>Dalton Transactions</i> , 2011 , 40, 5579-83	4.3	134
530	A porous 3D heterometal-organic framework containing both lanthanide and high-spin Fe(II) ions. <i>Chemical Communications</i> , 2009 , 3113-5	5.8	130
529	A new type of polyhedron-based metal-organic frameworks with interpenetrating cationic and anionic nets demonstrating ion exchange, adsorption and luminescent properties. <i>Chemical Communications</i> , 2011 , 47, 6425-7	5.8	129
528	Four new lanthanide-nitronyl nitroxide (Ln(III) = Pr(III), Sm(III), Eu(III), Tm(III)) complexes and a Tb(III) complex exhibiting single-molecule magnet behavior. <i>Inorganic Chemistry</i> , 2009 , 48, 8890-6	5.1	127
527	First 3D Pr(III)-Ni(II)-Na(I) polymer and a 3D Pr(III) open network based on pyridine-2,4,6-tricarboxylic acid. <i>Inorganic Chemistry</i> , 2006 , 45, 481-3	5.1	126
526	Syntheses, Structures, and Photoluminescence of One-Dimensional Lanthanide Coordination Polymers with 2,4,6-Pyridinetricarboxylic Acid. <i>Crystal Growth and Design</i> , 2007 , 7, 1851-1857	3.5	125
525	A purely lanthanide-based complex exhibiting ferromagnetic coupling and slow magnetic relaxation behavior. <i>Inorganic Chemistry</i> , 2009 , 48, 3493-5	5.1	122
524	An Efficient, Visible-Light-Driven, Hydrogen Evolution Catalyst NiS/Zn Cd S Nanocrystal Derived from a Metal-Organic Framework. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 9790-9794	16.4	118
523	Synthesis and characterization of a 3D coordination polymer based on trinuclear triangular CuII as secondary building units. <i>Inorganic Chemistry</i> , 2006 , 45, 5799-803	5.1	117
522	Synthesis of a Chiral Crystal Form of MOF-5, CMOF-5, by Chiral Induction. <i>Journal of the American Chemical Society</i> , 2015 , 137, 15406-9	16.4	116
521	3 D MOFs containing trigonal bipyramidal LnIII clusters as nodes: large magnetocaloric effect and slow magnetic relaxation behavior. <i>Chemistry - A European Journal</i> , 2012 , 18, 15086-91	4.8	115
520	Lanthanide(III)-cobalt(II) heterometallic coordination polymers with radical adsorption properties. <i>Inorganic Chemistry</i> , 2007 , 46, 5832-4	5.1	115
519	Covalent Organic Frameworks with Chirality Enriched by Biomolecules for Efficient Chiral Separation. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 16754-16759	16.4	113
518	A heterometallic porous material for hydrogen adsorption. <i>Inorganic Chemistry</i> , 2007 , 46, 4530-4	5.1	112
517	Solvent-Induced Topological Diversity of Two Zn(II) Metal-Organic Frameworks and High Sensitivity in Recyclable Detection of Nitrobenzene. <i>Crystal Growth and Design</i> , 2015 , 15, 3999-4004	3.5	111
516	The coordination chemistry of Zn(II), Cd(II) and Hg(II) complexes with 1,2,4-triazole derivatives. <i>Dalton Transactions</i> , 2011 , 40, 8475-90	4.3	111
515	Syntheses, Structures, and Photoluminescence of a Series of Three-Dimensional Cd(II) Frameworks with a Flexible Ligand, 1,5-Bis(5-tetrazolo)-3-oxapentane. <i>Crystal Growth and Design</i> , 2010 , 10, 4370-4378	3.5	111

514	Tuned triazolatesilver(I) luminescent complexes from zero- to three-dimensionality based on bi- to tetratopic bridged ligands. <i>Inorganic Chemistry</i> , 2007 , 46, 2002-10	5.1	110
513	Fabricating Covalent Organic Framework Capsules with Commodious Microenvironment for Enzymes. <i>Journal of the American Chemical Society</i> , 2020 , 142, 6675-6681	16.4	108
512	Metal-Organic Framework-Derived ZnO/ZnS Heteronanostructures for Efficient Visible-Light-Driven Photocatalytic Hydrogen Production. <i>Advanced Science</i> , 2018 , 5, 1700590	13.6	106
511	Pyrazine-bridged Dy ₂ single-molecule magnet with a large anisotropic barrier. <i>Chemical Communications</i> , 2010 , 46, 8264-6	5.8	105
510	A planar triangular Dy ₃ + Dy ₃ single-molecule magnet with a toroidal magnetic moment. <i>Chemical Communications</i> , 2016 , 52, 9570-3	5.8	105
509	Co(II) Coordination Polymers: Positional Isomeric Effect, Structural and Magnetic Diversification. <i>Crystal Growth and Design</i> , 2010 , 10, 1145-1154	3.5	104
508	Combined Intrinsic and Extrinsic Proton Conduction in Robust Covalent Organic Frameworks for Hydrogen Fuel Cell Applications. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 3678-3684	16.4	103
507	Silica-Protection-Assisted Encapsulation of Cu ₂ O Nanocubes into a Metal-Organic Framework (ZIF-8) To Provide a Composite Catalyst. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 6834-6837	16.4	102
506	Two-dimensional 3d-4f networks containing planar Co ₄ Ln ₂ clusters with single-molecule-magnet behaviors. <i>Inorganic Chemistry</i> , 2012 , 51, 7433-5	5.1	102
505	Polyoxometalate-Based Metal-Organic Frameworks as Visible-Light-Induced Photocatalysts. <i>Inorganic Chemistry</i> , 2018 , 57, 5030-5037	5.1	97
504	Template synthesis of lanthanide (Pr, Nd, Gd) coordination polymers with 2-hydroxynicotinic acid exhibiting ferro-/antiferromagnetic interaction. <i>Inorganic Chemistry</i> , 2008 , 47, 8748-56	5.1	97
503	Synthesis, structures, and luminescent and magnetic properties of Ln-Ag heterometal-organic frameworks. <i>Inorganic Chemistry</i> , 2009 , 48, 11048-57	5.1	96
502	A monometallic tri-spin single-molecule magnet based on rare earth radicals. <i>Dalton Transactions</i> , 2009 , 8489-92	4.3	95
501	Solvent-induced single-crystal to single-crystal transformation of a 2D coordination network to a 3D metal-organic framework greatly enhances porosity and hydrogen uptake. <i>Chemical Communications</i> , 2012 , 48, 2846-8	5.8	94
500	Microporous Metal-Organic Frameworks Built on a Ln ₃ Cluster as a Six-Connecting Node. <i>Chemistry of Materials</i> , 2005 , 17, 2866-2874	9.6	93
499	Antibodies@MOFs: An In Vitro Protective Coating for Preparation and Storage of Biopharmaceuticals. <i>Advanced Materials</i> , 2019 , 31, e1805148	24	93
498	Lanthanide coordination polymers with "fsy-type" topology based on 4,4'-azobenzene dicarboxylic acid: syntheses, crystal structures, and magnetic properties. <i>Inorganic Chemistry</i> , 2014 , 53, 10340-6	5.1	91
497	The coordination chemistry of N-heterocyclic carboxylic acid: A comparison of the coordination polymers constructed by 4,5-imidazole dicarboxylic acid and 1H-1,2,3-triazole-4,5-dicarboxylic acid. <i>Coordination Chemistry Reviews</i> , 2017 , 352, 108-150	23.2	89

- 496 Self-assembly and anion-exchange properties of a discrete cage and 3D coordination networks based on cage structures. *Chemistry - A European Journal*, **2007**, 13, 8131-8 4.8 88
- 495 A new route for preparing coordination polymers from hydrothermal reactions involving in situ ligand synthesis. *Inorganic Chemistry*, **2004**, 43, 2261-6 5.1 88
- 494 Constraining and Tuning the Coordination Geometry of a Lanthanide Ion in Metal-Organic Frameworks: Approach toward a Single-Molecule Magnet. *Inorganic Chemistry*, **2015**, 54, 10224-31 5.1 85
- 493 Switching a 2D Co(II) layer to a 3D Co₇-cluster-based metal-organic framework: syntheses, crystal structures, and magnetic properties. *Inorganic Chemistry*, **2015**, 54, 2976-82 5.1 84
- 492 Syntheses, structures, and magnetic and luminescence properties of a new Dy(III)-based single-ion magnet. *Inorganic Chemistry*, **2013**, 52, 7380-6 5.1 84
- 491 Synthesis, structures and magnetic properties of a series of 3d-4f tetranuclear Co(II)_nLn(III)₃ cubanes. *Dalton Transactions*, **2010**, 39, 4911-7 4.3 84
- 490 Structural Variations Influenced by Ligand Conformation and Counteranions in Copper(II) Complexes with Flexible Bis-Triazole Ligand. *Crystal Growth and Design*, **2009**, 9, 593-601 3.5 84
- 489 First 3D 3d-4f interpenetrating structure: synthesis, reaction, and characterization of {[LnCr(IDA)₂(C₂O₄)]_n}. *Inorganic Chemistry*, **2006**, 45, 8471-3 5.1 84
- 488 Coordination-Cluster-Based Molecular Magnetic Refrigerants. *Chemical Record*, **2016**, 16, 2077-126 6.6 83
- 487 Anion-induced changes of structure interpenetration and magnetic properties in 3D Dy-Cu metal-organic frameworks. *Chemical Communications*, **2013**, 49, 2338-40 5.8 82
- 486 Construction of 3d-4f mixed-metal complexes based on a binuclear oxovanadium unit: synthesis, crystal structure, EPR, and magnetic properties. *Inorganic Chemistry*, **2006**, 45, 3949-57 5.1 82
- 485 Three-dimensional 3d-4f polymers containing heterometallic rings: syntheses, structures, and magnetic properties. *Inorganic Chemistry*, **2007**, 46, 8454-6 5.1 81
- 484 Six- and four-coordinated zinc(II) complexes exhibit strong blue fluorescent properties. *Inorganic Chemistry Communication*, **2003**, 6, 1209-1212 3.1 81
- 483 Facile formation of a nanostructured NiP₂@C material for advanced lithium-ion battery anode using adsorption property of metal-organic framework. *Journal of Materials Chemistry A*, **2016**, 4, 9593-9599 6.3 81
- 482 Temperature-controlled chiral and achiral copper tetrazolate metal-organic frameworks: syntheses, structures, and I₂ adsorption. *Inorganic Chemistry*, **2012**, 51, 2303-10 5.1 78
- 481 Structures and luminescent properties of a series of LnAg heterometallic coordination polymers. *CrystEngComm*, **2009**, 11, 1261 3.3 78
- 480 High Uptake of ReO and CO Conversion by a Radiation-Resistant Thorium-Nickel [Th Ni] Nanocage-Based Metal-Organic Framework. *Angewandte Chemie - International Edition*, **2019**, 58, 6022-6027 16.4 77
- 479 Cation-induced chirality in a bifunctional metal-organic framework for quantitative enantioselective recognition. *Nature Communications*, **2019**, 10, 5117 17.4 77

478	Magnetic blocking from exchange interactions: slow relaxation of the magnetization and hysteresis loop observed in a dysprosium-nitronyl nitroxide chain compound with an antiferromagnetic ground state. <i>Chemistry - A European Journal</i> , 2013 , 19, 994-1001	4.8	76
477	Real-Time Detection of Traces of Benzaldehyde in Benzyl Alcohol as a Solvent by a Flexible Lanthanide Microporous Metal-Organic Framework. <i>Chemistry - A European Journal</i> , 2015 , 21, 15854-9	4.8	76
476	A Porous Metal-Organic Framework Assembled by [Cu] Nanocages: Serving as Recyclable Catalysts for CO Fixation with Aziridines. <i>Advanced Science</i> , 2016 , 3, 1600048	13.6	76
475	PolyCOFs: A New Class of Freestanding Responsive Covalent Organic Framework Membranes with High Mechanical Performance. <i>ACS Central Science</i> , 2019 , 5, 1352-1359	16.8	75
474	Synthesis, crystal structure, and characterization of new tetranuclear Ag(I) complexes with triazole bridges. <i>Inorganic Chemistry</i> , 2006 , 45, 5822-9	5.1	75
473	A multicentre-bonded [Zn(II)] ₈ cluster with cubic aromaticity. <i>Nature Communications</i> , 2015 , 6, 6331	17.4	73
472	Self-Healing Hyper-Cross-Linked Metal-Organic Polyhedra (HCMOPs) Membranes with Antimicrobial Activity and Highly Selective Separation Properties. <i>Journal of the American Chemical Society</i> , 2019 , 141, 12064-12070	16.4	72
471	Functionalization of Metal-Organic Framework via Mixed-Ligand Strategy for Selective CO ₂ Sorption at Ambient Conditions. <i>Crystal Growth and Design</i> , 2015 , 15, 961-965	3.5	72
470	Construction and Characterization of Several New Lanthanide-Organic Frameworks: From 2D Lattice to 2D Double-Layer and to Porous 3D Net with Interweaving Triple-Stranded Helices. <i>Crystal Growth and Design</i> , 2008 , 8, 2291-2298	3.5	72
469	A 3D Heterometallic Coordination Polymer Constructed by Trimeric {NiDy ₂ } Single-Molecule Magnet Units. <i>Inorganic Chemistry</i> , 2016 , 55, 1202-7	5.1	70
468	Investigation on structures, luminescent and magnetic properties of Ln(III)-M (M = Fe(II)(HS), Co(II)) coordination polymers. <i>Dalton Transactions</i> , 2011 , 40, 805-19	4.3	69
467	Synthesis strategies and potential applications of metal-organic frameworks for electrode materials for rechargeable lithium ion batteries. <i>Coordination Chemistry Reviews</i> , 2019 , 388, 293-309	23.2	68
466	First tetrazole-bridged d-f heterometallic MOFs with a large magnetic entropy change. <i>Chemical Communications</i> , 2015 , 51, 10850-3	5.8	67
465	Coordination-Driven Polymerization of Supramolecular Nanocages. <i>Journal of the American Chemical Society</i> , 2015 , 137, 14873-6	16.4	67
464	A case study of the ZnII-BDC/bpt mixed-ligand system: positional isomeric effect, structural diversification and luminescent properties. <i>CrystEngComm</i> , 2010 , 12, 1269-1279	3.3	67
463	Syntheses, Structures, and Magnetic Properties of Three Novel Metal-MalateBipyridine Coordination Polymers with Layered and Pillared Topology. <i>Crystal Growth and Design</i> , 2006 , 6, 1101-1106	3.5	67
462	Two-dimensional coordination polymers of copper(II) with oxalate: lattice water control of structure. <i>Inorganic Chemistry</i> , 2001 , 40, 2652-9	5.1	67
461	A Chiral Metal-Organic Material that Enables Enantiomeric Identification and Purification. <i>Chem</i> , 2017 , 3, 281-289	16.2	65

- 460 1D, 2D and 3D luminescent zinc(II) coordination polymers assembled from varying flexible thioether ligands. *Dalton Transactions*, **2008**, 4711-3 4.3 65
- 459 End-to-end azido-pinned interlocking lanthanide squares. *Chemical Communications*, **2017**, 53, 3026-3029 3.8 64
- 458 Syntheses, Structures, and Characterization of a Series of Novel Zinc(II) and Cadmium(II) Compounds Based on 2,6-Di-(1,2,4-triazole-4-yl)pyridine. *Crystal Growth and Design*, **2007**, 7, 1483-1489 3.5 64
- 457 A Prussian-blue type ferrimagnet Na[MnCr(CN)₆]: single crystal structure and magnetic properties. *Inorganic Chemistry*, **2004**, 43, 2465-7 5.1 64
- 456 Observation of Magnetodielectric Effect in a Dysprosium-Based Single-Molecule Magnet. *Journal of the American Chemical Society*, **2018**, 140, 7795-7798 16.4 63
- 455 Magnetism in one-dimensional metal-triiron nitroxide radical system. *Coordination Chemistry Reviews*, **2019**, 378, 134-150 23.2 63
- 454 Composite System of Ag Nanoparticles and Metal-Organic Frameworks for the Capture and Conversion of Carbon Dioxide under Mild Conditions. *Inorganic Chemistry*, **2017**, 56, 3414-3420 5.1 62
- 453 Six-coordinate lanthanide complexes: slow relaxation of magnetization in the dysprosium(III) complex. *Chemistry - A European Journal*, **2014**, 20, 15975-80 4.8 62
- 452 Robust Ultramicroporous Metal-Organic Frameworks with Benchmark Affinity for Acetylene. *Angewandte Chemie*, **2018**, 130, 11137-11141 3.6 62
- 451 Observation of slow relaxation of the magnetization and hysteresis loop in an antiferromagnetic ordered phase of a 2D framework based on Co(II) magnetic chains. *Chemical Communications*, **2011**, 47, 2859-61 5.8 61
- 450 Rational design and synthesis of ultramicroporous metal-organic frameworks for gas separation. *Coordination Chemistry Reviews*, **2020**, 423, 213485 23.2 61
- 449 Fabrication of Light-Triggered Soft Artificial Muscles via a Mixed-Matrix Membrane Strategy. *Angewandte Chemie - International Edition*, **2018**, 57, 10192-10196 16.4 60
- 448 An Efficient Nanoscale Heterogeneous Catalyst for the Capture and Conversion of Carbon Dioxide at Ambient Pressure. *Angewandte Chemie*, **2015**, 127, 1002-1005 3.6 60
- 447 A Metal-Organic Framework Approach toward Highly Nitrogen-Doped Graphitic Carbon as a Metal-Free Photocatalyst for Hydrogen Evolution. *Small*, **2017**, 13, 1603279 11 59
- 446 Self-Assembly of a Series of Metal-Organic Frameworks Based on 4-Pyridyl-1,2,4-triazole and Copper(II) Ion. *Crystal Growth and Design*, **2009**, 9, 2137-2145 3.5 59
- 445 Structures, luminescence, and slow magnetic relaxation of eight 3D lanthanide-organic frameworks. *Dalton Transactions*, **2013**, 42, 6553-63 4.3 58
- 444 Synthesis and Characterization of Three-Dimensional 3d^{3d} and 3d^{4f} Heterometallic Coordination Polymers with High Thermal Stability. *Crystal Growth and Design*, **2008**, 8, 1097-1099 3.5 58
- 443 Structures and near-infrared luminescence of unique 4d^{4f} heterometal-organic frameworks (HMOF). *CrystEngComm*, **2008**, 10, 1144 3.3 57

442	Rational design of SnO ₂ @C nanocomposites for lithium ion batteries by utilizing adsorption properties of MOFs. <i>Chemical Communications</i> , 2016 , 52, 717-20	5.8	56
441	Structural Diversity of Four Metal-Organic Frameworks Based on Linear Homo/Heterotrimeric Nodes with Furan-2,5-dicarboxylic Acid: Crystal Structures and Luminescent and Magnetic Properties. <i>Crystal Growth and Design</i> , 2012 , 12, 2602-2612	3.5	56
440	Structures and magnetic properties of ferromagnetic coupling 2D Ln-M heterometallic coordination polymers (Ln = Ho, Er; M = Mn, Zn). <i>Inorganic Chemistry</i> , 2008 , 47, 11057-61	5.1	56
439	Synthesis, crystal structures, and properties of oxovanadium(IV)-lanthanide(III) heteronuclear complexes. <i>Chemistry - A European Journal</i> , 2005 , 11, 5031-9	4.8	56
438	Synthesis, crystal structure, and magnetic properties of the first nonanuclear lanthanide(III)-copper(II) complexes of macrocyclic oxamide [NaLn(2)Cu(6)] (macrocyclic oxamide = 1,4,8,11-tetraazacyclotradecane-2,3-dione, Ln = Pr, Nd). <i>Inorganic Chemistry</i> , 2002 , 41, 2188-92	5.1	56
437	A Coordination Chemistry Approach for Lithium-Ion Batteries: The Coexistence of Metal and Ligand Redox Activities in a One-Dimensional Metal-Organic Material. <i>Inorganic Chemistry</i> , 2016 , 55, 4935-40	5.1	56
436	Metal-organic framework biosensor with high stability and selectivity in a bio-mimic environment. <i>Chemical Communications</i> , 2015 , 51, 9161-4	5.8	54
435	Microporous Metal-Organic Framework Based on a Bifunctional Linker for Selective Sorption of CO ₂ over N ₂ and CH ₄ . <i>Inorganic Chemistry</i> , 2015 , 54, 5512-8	5.1	54
434	Synthesis, structure, fluorescent and magnetic properties of a series of coordination polymers based on a long and flexible bis-triazole ligand. <i>CrystEngComm</i> , 2012 , 14, 2769	3.3	54
433	Metal-organic framework-derived heterojunctions as nanocatalysts for photocatalytic hydrogen production. <i>Inorganic Chemistry Frontiers</i> , 2019 , 6, 3456-3467	6.8	53
432	Mixed-motif interpenetration and cross-linking of high-connectivity networks led to robust and porous metal-organic frameworks with high gas uptake capacities. <i>Chemical Science</i> , 2012 , 3, 2288	9.4	51
431	A multi-responsive luminescent sensor for organic small-molecule pollutants and metal ions based on a 4d-4f metal-organic framework. <i>Dalton Transactions</i> , 2017 , 46, 3526-3534	4.3	50
430	Planar Dy ³⁺ + Dy ³⁺ clusters: design, structure and axial ligand perturbed magnetic dynamics. <i>Dalton Transactions</i> , 2015 , 44, 20316-20	4.3	50
429	Assembly of metal-organic frameworks based on 3,3',5,5'-azobenzene-tetracarboxylic acid: photoluminescences, magnetic properties, and gas separations. <i>Inorganic Chemistry</i> , 2015 , 54, 586-95	5.1	50
428	Tuning Two-Dimensional Layer to Three-Dimensional Pillar-Layered Metal-Organic Frameworks: Polycatenation and Interpenetration Behaviors. <i>Crystal Growth and Design</i> , 2014 , 14, 6261-6268	3.5	50
427	Structures, Luminescence, and Magnetic Properties of Several Three-Dimensional Lanthanide-Organic Frameworks Comprising 4-Carboxyphenoxy Acetic Acid. <i>Crystal Growth and Design</i> , 2012 , 12, 5203-5210	3.5	48
426	Magnetic and Luminescent Properties of Sm, Eu, Tb, and Dy Coordination Polymers with 2-Hydroxynicotinic Acid. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 2387-2393	2.3	48
425	Effect of the semirigid capping ligand on the structure formation of cyano-bridged bimetallic assemblies: syntheses, crystal structures, and magnetic properties. <i>Inorganic Chemistry</i> , 2005 , 44, 4263-9 ^{5.1}	5.1	48

424	The utility of the template effect in metal-organic frameworks. <i>Coordination Chemistry Reviews</i> , 2019 , 391, 44-68	23.2	47
423	Microporous heterometal-organic framework as a sensor for BTEX with high selectivity. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 20450-20453	13	47
422	Anions-Directed Metal-Mediated Assemblies of Coordination Polymers Based on the Bis(4,4'-bis-1,2,4-triazole) Ligand. <i>Crystal Growth and Design</i> , 2008 , 8, 3652-3660	3.5	47
421	Soft Porous Crystal Based upon Organic Cages That Exhibit Guest-Induced Breathing and Selective Gas Separation. <i>Journal of the American Chemical Society</i> , 2019 , 141, 9408-9414	16.4	46
420	Integration of Metal Nanoparticles into Metal-Organic Frameworks for Composite Catalysts: Design and Synthetic Strategy. <i>Small</i> , 2019 , 15, e1804849	11	46
419	Robust Microporous Metal-Organic Frameworks for Highly Efficient and Simultaneous Removal of Propyne and Propadiene from Propylene. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 10209-10214	16.4	45
418	Synthesis, crystal structure, magnetic property and nuclease activity of a new binuclear cobalt(II) complex. <i>Journal of Inorganic Biochemistry</i> , 2007 , 101, 196-202	4.2	45
417	Coupling Influences SMM Properties for Pure 4 f Systems. <i>Chemistry - A European Journal</i> , 2018 , 24, 6079-6086	4.086	44
416	Syntheses and structures of 1D and 2D coordination polymers derived from pyridine-2,4,6-tricarboxylic acid. <i>Inorganic Chemistry Communication</i> , 2005 , 8, 151-154	3.1	44
415	Recent advances in the construction of lanthanide-copper heterometallic metal-organic frameworks. <i>CrystEngComm</i> , 2015 , 17, 4250-4271	3.3	43
414	Metal-Organic Framework Disintegrants: Enzyme Preparation Platforms with Boosted Activity. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 16764-16769	16.4	43
413	Squaring the cube: a family of octametallic lanthanide complexes including a Dy ₈ single-molecule magnet. <i>Dalton Transactions</i> , 2013 , 42, 14693-701	4.3	43
412	A robust porous metal-organic framework with a new topology that demonstrates pronounced porosity and high-efficiency sorption/selectivity properties of small molecules. <i>Chemistry - A European Journal</i> , 2012 , 18, 5715-23	4.8	43
411	Synthesis, X-ray crystal structures, magnetism, and DNA cleavage properties of copper(II) complexes with 1,4-tpbd ligand. <i>Dalton Transactions</i> , 2009 , 3574-83	4.3	43
410	Synthesis, structure and magnetic properties of a novel 1D coordination polymer $\{[\text{Cu}_2(\text{amtrz})_4(1,1\text{-NCS})_2](\text{ClO}_4)_2\text{H}_2\text{O}\}_n$. <i>Inorganic Chemistry Communication</i> , 2007 , 10, 7-10	3.1	43
409	Functional Two-Dimensional Coordination Polymer Exhibiting Luminescence Detection of Nitroaromatics. <i>Crystal Growth and Design</i> , 2019 , 19, 1172-1182	3.5	43
408	Coordination compounds in lithium storage and lithium-ion transport. <i>Chemical Society Reviews</i> , 2020 , 49, 1624-1642	58.5	42
407	A New Family of 4f-3d Heterometallic Metal-Organic Frameworks with 2,2'-Bipyridine-3,3'-dicarboxylic Acid: Syntheses, Structures and Magnetic Properties. <i>Crystal Growth and Design</i> , 2013 , 13, 1218-1225	3.5	42

406	Copper(I) Cyanide Coordination Polymers Constructed from Bis(Pyrazole-1-yl)alkane Ligands: Observation of the Odd-Even Dependence in the Structures. <i>Crystal Growth and Design</i> , 2010 , 10, 2323-2330	3.5	42
405	Syntheses, Structures, and Luminescence Properties of a Series of Ln(III) Heterometal-Organic Frameworks. <i>Crystal Growth and Design</i> , 2009 , 9, 3948-3957	3.5	42
404	Synthesis, Crystal Structures, and Magnetic Properties of 2D Manganese(II) and 1D Gadolinium(III) Coordination Polymers with 1H-1,2,3-Triazole-4,5-dicarboxylic Acid. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 4931-4937	2.3	41
403	Photomechanical Organic Crystals as Smart Materials for Advanced Applications. <i>Chemistry - A European Journal</i> , 2019 , 25, 5611-5622	4.8	41
402	3d-4f Heterometal-Organic Frameworks for Efficient Capture and Conversion of CO ₂ . <i>Crystal Growth and Design</i> , 2017 , 17, 3128-3133	3.5	40
401	Highly Efficient Conversion of Propargylic Amines and CO Catalyzed by Noble-Metal-Free [Zn] Nanocages. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 8586-8593	16.4	40
400	Synthetic strategies for chiral metal-organic frameworks. <i>Chinese Chemical Letters</i> , 2018 , 29, 819-822	8.1	40
399	Green synthesis of olefin-linked covalent organic frameworks for hydrogen fuel cell applications. <i>Nature Communications</i> , 2021 , 12, 1982	17.4	40
398	An unusual water-bridged homospin Co(II) single-chain magnet. <i>Chemical Communications</i> , 2014 , 50, 6340-2	5.8	39
397	A homospin cobalt(II) topological ferrimagnet. <i>Chemical Communications</i> , 2013 , 49, 8226-8	5.8	39
396	Auxiliary ligand-assisted structural diversities of three metal-organic frameworks with potassium 1H-1,2,3-triazole-4,5-dicarboxylic acid: syntheses, crystal structures and luminescence properties. <i>CrystEngComm</i> , 2013 , 15, 2682	3.3	39
395	Unique two-fold interpenetration of 3D microporous 3d-4f heterometal-organic frameworks (HMOF) based on a rigid ligand. <i>Dalton Transactions</i> , 2009 , 7765-70	4.3	39
394	A dinuclear cyano-bridged complex based on hexacyanoferrate(III) and samarium(III) nitrate: synthesis and crystal structure. <i>Journal of Chemical Crystallography</i> , 1998 , 28, 303-307	0.5	39
393	Two cadmium(II) coordination polymers constructed by carboxylate and pyridine mixed ligands: synthesis, structure and luminescent properties. <i>CrystEngComm</i> , 2013 , 15, 9738	3.3	38
392	Coordination assemblies of the Cd(II)/BDC/bpt mixed-ligand system: positional isomeric effect, structural diversification and luminescent properties. <i>CrystEngComm</i> , 2013 , 15, 2657	3.3	38
391	A series of 3d-4f heterometallic three-dimensional coordination polymers: syntheses, structures and magnetic properties. <i>Dalton Transactions</i> , 2012 , 41, 6820-6	4.3	38
390	Spin crossover-macromolecule composite nano film material. <i>Chemical Communications</i> , 2010 , 46, 5073-5.8	5.8	38
389	Spin canting and slow relaxation in a 3D pillared nickel-organic framework. <i>Inorganic Chemistry</i> , 2010 , 49, 2525-9	5.1	38

- 388 Crystal structures and magnetic properties of new cyano-bridged two-dimensional grid-like bimetallic assemblies $[\text{Ni}(\text{tn})_2]_2[\text{Cr}(\text{CN})_5(\text{NO})\text{OH}\cdot\text{H}_2\text{O}]$ and $[\text{Ni}(\text{tn})_2]_2[\text{Co}(\text{CN})_6]\text{NO}_3\cdot 2\text{H}_2\text{O}$ ($\text{tn}=1,3$ -propanediamine). *Inorganic Chemistry*, **2001**, 40, 4839-44 5.1 38
- 387 Influence of external magnetic field and magnetic-site dilution on the magnetic dynamics of a one-dimensional Tb(III)-radical complex. *Chemical Communications*, **2015**, 51, 10933-6 5.8 37
- 386 Syntheses, Structures Tuned by 4,4'-Bipyridine and Magnetic Properties of a Series of Transition Metal Compounds Containing o-Carboxylphenoxyacetate Acid. *Crystal Growth and Design*, **2012**, 12, 1204-1211 3.5 37
- 385 Coordination Assemblies of CoII/NiII/ ZnII/CdII with Succinic Acid and Bent Connectors: Structural Diversity and Spin-Canted Antiferromagnetism. *Crystal Growth and Design*, **2012**, 12, 1890-1898 3.5 37
- 384 π -Stacking and ferromagnetic coupling mechanism on a binuclear Cu(II) complex. *Dalton Transactions*, **2011**, 40, 1453-62 4.3 37
- 383 Synthesis, crystal structure, magnetic properties and theoretical studies on a one-dimensional polynuclear copper(II) complex $[\text{Cu}_2(\mu_1,3\text{-SCN})_2(\mu_1,3\text{-SCN})_2(\text{MPyO})_2]_n$. *Dalton Transactions*, **2006**, 376-80 4.3 37
- 382 An Efficient, Visible-Light-Driven, Hydrogen Evolution Catalyst NiS/ZnxCd1-x Nanocrystal Derived from a Metal-Organic Framework. *Angewandte Chemie*, **2018**, 130, 9938-9942 3.6 37
- 381 Metal-Organic Frameworks (MOFs) of a Cubic Metal Cluster with Multicentered Mn(I)-Mn(I) Bonds. *Angewandte Chemie - International Edition*, **2015**, 54, 11681-5 16.4 36
- 380 Encapsulation of a luminescent zinc complex in a nanoporous channel host. *Journal of Materials Chemistry*, **2001**, 11, 2903-2905 36
- 379 Template-Directed Synthesis of Photocatalyst-Encapsulating Metal-Organic Frameworks with Boosted Photocatalytic Activity. *ACS Catalysis*, **2019**, 9, 7486-7493 13.1 35
- 378 The magnetic study of a binuclear Cu(ii) complex with pi-pi stacking interactions. *Dalton Transactions*, **2008**, 5970-6 4.3 35
- 377 Rational Design of Mono-, Bi-, and Tetranuclear Macrocyclic Oxamido-Metal Complexes via Stepwise Complexation. *Crystal Growth and Design*, **2005**, 5, 813-819 3.5 35
- 376 3D porous and 3D interpenetrating triple framework structures constructed by aurophilicity-coordination interplay in $[\text{Mn}[\text{Au}(\text{CN})_2]_2(\text{H}_2\text{O})_2]_n$ and $[\text{KFe}[\text{Au}(\text{CN})_2]_3]_n$. *Chemical Communications*, **2003**, 2544-5 5.8 35
- 375 Heterobinuclear copper(II)-manganese(II) complexes behaving as three-dimensional supramolecular networks via both macrocyclic oxamido-bridges and hydrogen bonds. *Dalton Transactions RSC*, **2002**, 1607-1612 35
- 374 A Bifunctional Luminescent Metal-Organic Framework for the Sensing of Paraquat and Fe Ions in Water. *Chemistry - an Asian Journal*, **2019**, 14, 3611-3619 4.5 34
- 373 Cation-Exchange Porosity Tuning in a Dynamic 4d-4f-3d Framework for Ni(II) Ion-Selective Luminescent Probe. *Inorganic Chemistry*, **2015**, 54, 4456-65 5.1 34
- 372 Two novel Cd(II) complexes with unprecedented four- and six-fold interpenetration. *CrystEngComm*, **2012**, 14, 5198 3.3 34
- 371 Pillared cobalt-organic framework with an unprecedented (3,4,6)-connected architecture showing the coexistence of spin canting and long-range magnetic ordering. *CrystEngComm*, **2010**, 12, 395-400 3.3 34

370	Self-assembly of novel 3d-4d-4f heterometal-organic framework based on double-stranded helical motifs. <i>Dalton Transactions</i> , 2009 , 2281-3	4-3	34
369	A CNT-like coordination tube with cyano-bridges. <i>Dalton Transactions</i> , 2007 , 2373-5	4-3	34
368	Heteronuclear complexes of macrocyclic oxamide with co-ligands: syntheses, crystal structures, and magnetic properties. <i>Inorganic Chemistry</i> , 2007 , 46, 1297-304	5-1	34
367	UiO-66: An Advanced Platform for Investigating the Influence of Functionalization in the Adsorption Removal of Pharmaceutical Waste. <i>Inorganic Chemistry</i> , 2019 , 58, 8787-8792	5-1	33
366	Protein-Structure-Directed Metal-Organic Zeolite-like Networks as Biomacromolecule Carriers. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 6263-6267	16.4	33
365	Structural Diversity, Luminescence, and Magnetic Property: Series of Coordination Polymers with 2,2'-Bipyridyl-4,4'-Dicarboxylic Acid. <i>Crystal Growth and Design</i> , 2012 , 12, 3917-3926	3-5	33
364	2D warp-and-woof interwoven networks constructed by helical chains with different chirality. <i>Chemical Communications</i> , 2007 , 3643-5	5-8	33
363	Synthesis, structure and luminescent property of a 2D polymer containing silver ions. <i>Journal of Molecular Structure</i> , 2007 , 830, 143-146	3-4	33
362	A Nanotubular 3D Coordination Polymer Based on a 3d \square f Heterometallic Assembly. <i>Angewandte Chemie</i> , 2003 , 115, 964-966	3-6	33
361	A novel tetranuclear lanthanide(III)Copper(II) complex of the macrocyclic oxamide [PrCu ₃] (macrocyclic oxamide=1,4,8,11-tetraazacyclotradecane-2,3-dione): synthesis, structure and magnetism. <i>Inorganica Chimica Acta</i> , 2005 , 358, 325-330	2-7	33
360	Syntheses, structures and characterization of novel cobalt(II) mono- and bi-triazole complexes. <i>Journal of Molecular Structure</i> , 2005 , 743, 201-207	3-4	33
359	Hydrothermal synthesis of a novel three-dimensional complex with strong blue luminescent properties. <i>Inorganic Chemistry Communication</i> , 2005 , 8, 38-40	3-1	33
358	Conversion of CO into cyclic carbonates by a Co(II) metal-organic framework and the improvement of catalytic activity via nanocrystallization. <i>Dalton Transactions</i> , 2018 , 47, 1768-1771	4-3	32
357	A family of binuclear dysprosium(III) radical compounds with magnetic relaxation in ON and OFF states. <i>Inorganic Chemistry</i> , 2012 , 51, 13009-16	5-1	32
356	Bimetallic materials derived from manganese(III) Schiff base complexes and pentacyanonitrosylferrate(II) precursor: structures and magnetic properties. <i>Inorganic Chemistry</i> , 2010 , 49, 2047-56	5-1	32
355	The influence of an external magnetic field and magnetic-site dilution on the magnetization dynamics of a coordination network based on ferromagnetic coupled dinuclear dysprosium(III) units. <i>Inorganic Chemistry Frontiers</i> , 2018 , 5, 432-437	6-8	32
354	An exceptionally stable 3D Gd(III)-organic framework for use as a magnetocaloric refrigerant. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 7157-7162	13	31
353	Two mononuclear single molecule magnets derived from dysprosium(III) and tmphen (tmphen = 3,4,7,8-tetramethyl-1,10-phenanthroline). <i>Dalton Transactions</i> , 2015 , 44, 9020-6	4-3	31

- 352 Remarkable Ln(III)3Fe(III)2 clusters with magnetocaloric effect and slow magnetic relaxation. *Dalton Transactions*, **2015**, 44, 468-71 4.3 31
- 351 Two lanthanide(III)-copper(II) organic frameworks based on {OLn6} clusters that exhibited a large magnetocaloric effect and slow relaxation of the magnetization. *Chemistry - an Asian Journal*, **2013**, 8, 1412-8 4.5 31
- 350 Metal-organic frameworks based on transition-metal carboxylate clusters as secondary building units: synthesis, structures and properties. *CrystEngComm*, **2011**, 13, 907-913 3.3 31
- 349 First Crystal Structure of a (E)Oxamidato)tricopper(II)metal(II)-Type Tetranuclear Complex: Synthesis, Crystal Structure, and Magnetism of a Copper(II)manganese(II) Complex ([CuII3MnII(L)3](N3)2?EtOH) Incorporating a Macrocyclic Oxamide Ligand L (Macrocyclic Oxamide 1,4,7-Triazacyclononane-2,3,9-trione). *Journal of Inorganic Chemistry*, **2002**, 85, 175-182 2 31
- 348 The first μ_3 -oxalato-bridged copper complex with tridentate Schiff base ligand N-ethyl-N-salicylidene-1,2-diaminoethane: synthesis, structure, and magnetic properties. *Inorganic Chemistry*, **2003**, 42, 4265-7 5.1 31
- 347 Two dimensional stair-shaped coordination polymer exhibiting three-dimensional structure with cavities. *Chemical Communications*, **2000**, 717-718 5.8 31
- 346 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 6.8 30
- 345 Three luminescent metal-organic frameworks constructed from trinuclear zinc(II) clusters and furan-2,5-dicarboxylate. *CrystEngComm*, **2015**, 17, 5101-5109 3.3 30
- 344 Six-, seven- and eight-coordinated Cd(II) ions with N-heterocyclic multicarboxylic acids. *Inorganic Chemistry Communication*, **2007**, 10, 856-859 3.1 30
- 343 Structure and luminescent property of novel 2D indium(III) and 1D cadmium(II) coordination polymers based on thiophene-2,5-dicarboxylic acid. *Journal of Molecular Structure*, **2008**, 888, 360-365 3.4 30
- 342 Hydrothermal Syntheses, Crystal Structures, Magnetism and Fluorescence Quenching of Oxamidato-Bridged Pentanuclear Cull4LnIII Complexes Containing Macrocyclic Ligands (Ln = Eu, Tb) and the Crystal Structure of a Hexanuclear NiII5SmIII Complex. *European Journal of Inorganic Chemistry*, **2004**, 2004, 1514-1521 2.3 30
- 341 Magnetocaloric Effect of Two Isostructural Heterometallic Organic Frameworks Based on {M Gd} Clusters (M =Mn, Ni). *ChemPlusChem*, **2016**, 81, 811-816 2.8 30
- 340 Dual-functionalized metal-organic frameworks constructed from hexatopic ligand for selective CO2 adsorption. *Inorganic Chemistry*, **2015**, 54, 2310-4 5.1 29
- 339 Two novel cyanide-bridged bimetallic magnetic chains derived from manganese(III) Schiff bases and hexacyanochromate(III) building blocks. *Inorganic Chemistry*, **2011**, 50, 4006-15 5.1 29
- 338 Synthesis, structure, magnetic properties and DNA cleavage of binuclear Cu(II) Schiff-base complexes. *Dalton Transactions*, **2009**, 2374-82 4.3 29
- 337 Ferromagnetic and Antiferromagnetic Polymeric Complexes with the Macrocyclic Ligand 1,4,7-Triazacyclononane. *European Journal of Inorganic Chemistry*, **2004**, 2004, 2369-2378 2.3 29
- 336 Two novel three-dimensional coordination polymers with [Ag(CN)2] as bridging ligands: synthesis and structural characterization of {KMn[Ag(CN)2]3(H2O)}n and {Mn[Ag(CN)2]2(bpy)2}n (bpy=4,4'-bipyridine). *Inorganic Chemistry Communication*, **2003**, 6, 873-876 3.1 29
- 335 4-[3-(1,2,4-triazolyl)-1,2,4-triazole complexes of four-coordinated Cu(II) and six-coordinated Fe(II). *Inorganic Chemistry Communication*, **2005**, 8, 102-104 3.1 29

334	A Structural and Magnetic Investigation of Ferromagnetically Coupled Copper(II) Isophthalates. <i>European Journal of Inorganic Chemistry</i> , 2005 , 2005, 2297-2305	2.3	29
333	Fabrication of Photoresponsive Crystalline Artificial Muscles Based on PEGylated Covalent Organic Framework Membranes. <i>ACS Central Science</i> , 2020 , 6, 787-794	16.8	29
332	Fabrication of Robust Covalent Organic Frameworks for Enhanced Visible-Light-Driven H ₂ Evolution. <i>ACS Catalysis</i> , 2021 , 11, 2098-2107	13.1	29
331	A Macroporous Metal-Organic Framework with Enhanced Hydrophobicity for Efficient Oil Adsorption. <i>Chemistry - A European Journal</i> , 2018 , 24, 3754-3759	4.8	29
330	Lanthanide Coordination Polymers with 4,4'-Azobenzonic Acid: Enhanced Stability and Magnetocaloric Effect by Removing Guest Solvents. <i>Inorganic Chemistry</i> , 2015 , 54, 6498-503	5.1	28
329	A microporous lanthanide metal-organic framework containing channels: Synthesis, structure, gas adsorption and magnetic properties. <i>Science China Chemistry</i> , 2011 , 54, 1423-1429	7.9	28
328	Synthesis of a series of copper(II)-pyrazolyl complexes in different solvents and anions. <i>Inorganic Chemistry Communication</i> , 2004 , 7, 819-822	3.1	28
327	Scalable Room-Temperature Synthesis of Highly Robust Ethane-Selective Metal-Organic Frameworks for Efficient Ethylene Purification. <i>Journal of the American Chemical Society</i> , 2021 , 143, 8654-8660	16.4	28
326	Transition-Metal-Triggered High-Efficiency Lithium Ion Storage via Coordination Interactions with Redox-Active Croconate in One-Dimensional Metal-Organic Anode Materials. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 6398-6406	9.5	27
325	Highly selective sorption of CO ₂ and N ₂ O and strong gas-framework interactions in a nickel(II) organic material. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 16198-16204	13	27
324	Reversible structural transformation induced switchable single-molecule magnet behavior in lanthanide metal-organic frameworks. <i>Chemical Communications</i> , 2018 , 54, 10183-10186	5.8	27
323	A New Type of Entanglement Involving Ribbons of Rings and Two Different Kinds of 2D (4,4) Networks (2D + 2D + 1D) Polycatenated in a 3D Supramolecular Architecture. <i>Crystal Growth and Design</i> , 2010 , 10, 3847-3849	3.5	27
322	Novel lanthanide coordination polymers based on bis-tridentate chelator pyrazine-2,3,5,6-tetracarboxylate with nano-channels and water clusters. <i>CrystEngComm</i> , 2009 , 11, 1679	3.3	27
321	Synthesis, Crystal Structures, and Magnetic Properties of Mn(II), Co(II), and Zn(II) Coordination Polymers Containing 1,2,4,5-Benzenetetracarboxylic Acid and 4,4'-Azobispyridine. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 1983-1990	2.3	27
320	{[GdAg ₂ (dtpa)(H ₂ O)](BH ₂ O)} _n : the first 2D GdAg coordination polymer with Ag-Ag interaction. <i>Inorganic Chemistry Communication</i> , 2005 , 8, 178-181	3.1	27
319	An Ultrastable Matryoshka [Hf] Nanocluster as a Luminescent Sensor for Concentrated Alkali and Acid. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 16610-16616	16.4	26
318	A water-stable terbium metal-organic framework as a highly sensitive fluorescent sensor for nitrite. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 3379-3385	6.8	26
317	Three new mononuclear tri-spin lanthanide-nitronyl nitroxide radical compounds: syntheses, structures and magnetic properties. <i>Dalton Transactions</i> , 2015 , 44, 6118-25	4.3	25

- 316 Binuclear molybdenum alkoxide as the versatile catalyst for the conversion of carbon dioxide. *Green Chemistry*, **2018**, 20, 989-996 10 25
- 315 Structural evolution and magnetic properties of Co(II) coordination polymers varied from 1D to 3D constructed by 1,4-bis(1,2,4-triazol-1-ylmethyl)benzene. *Dalton Transactions*, **2011**, 40, 7993-8002 4.3 25
- 314 Open and closed copper chain coordination polymers with alternating ferromagnetic and antiferromagnetic interactions. *CrystEngComm*, **2009**, 11, 102-108 3.3 25
- 313 A porous 3d-4f heterometallic metal-organic framework for hydrogen storage. *International Journal of Hydrogen Energy*, **2010**, 35, 8166-8170 6.7 25
- 312 A New Bimetallic Ferrimagnet ($[\text{Mn}^{2+}(\text{H}_2\text{O})_2(\text{CH}_3\text{COO})][\text{MoV}(\text{CN})_8]_n$) and Its Antiferromagnetic Analogue ($[\text{Mn}^{2+}(\text{H}_2\text{O})_3\text{Cl}][\text{MoV}(\text{CN})_8]_n$). *Crystal Growth and Design*, **2008**, 8, 3761-3765 3.5 25
- 311 Polyoxometalate-based metal-organic frameworks for heterogeneous catalysis. *Inorganic Chemistry Frontiers*, **2021**, 8, 1865-1899 6.8 25
- 310 The electrochemical discrimination of pinene enantiomers by a cyclodextrin metal-organic framework. *Dalton Transactions*, **2017**, 46, 6830-6834 4.3 24
- 309 Solvent-induced secondary building unit (SBU) variations in a series of Cu(II) metal-organic frameworks derived from a bifunctional ligand. *Dalton Transactions*, **2015**, 44, 8926-31 4.3 24
- 308 Silica-Protection-Assisted Encapsulation of Cu₂O Nanocubes into a Metal-Organic Framework (ZIF-8) To Provide a Composite Catalyst. *Angewandte Chemie*, **2018**, 130, 6950-6953 3.6 24
- 307 Slow magnetic relaxation in a lanthanide helix chain compound $[\text{Dy}(\text{HNA})(\text{NA})(\text{NO})]_n$ (HNA = nicotinic acid). *Dalton Transactions*, **2015**, 44, 6169-74 4.3 24
- 306 Co(II)/Ni(II) coordination polymers incorporated with a bent connector: crystal structures and magnetic properties. *CrystEngComm*, **2012**, 14, 4756 3.3 24
- 305 Linear chain and mononuclear tri-spin compounds based on the lanthanide-nitronyl nitroxide radicals: structural design and magnetic properties. *CrystEngComm*, **2012**, 14, 235-239 3.3 24
- 304 A Chiral Metal-Organic Framework Based on Heptanuclear Zinc Cores. *European Journal of Inorganic Chemistry*, **2009**, 2009, 2599-2602 2.3 24
- 303 ds-Block metal ions catalyzed decarboxylation of pyrazine-2,3,5,6-tetracarboxylic acid and the complexes obtained from hydrothermal reactions and novel water clusters. *CrystEngComm*, **2009**, 11, 2719 3.3 24
- 302 Binuclear, 2D grid and 3D interlocking coordination polymers based on 1,2,4,5-benzenetetracarboxylic acid and 4,4'-azobispyridine. *Inorganic Chemistry Communication*, **2010**, 13, 1014-1017 3.1 24
- 301 $[\text{NiL}]_2[\text{Fe}(\text{CN})_6]_4\text{H}_2\text{O}$ [L = 3,10-bis(2-hydroxyethyl)-1,3,5,8,10,12-hexaazacyclotetradecane]: a novel three-dimensional iron(II)nickel(II) cyanide-bridged bimetallic assembly with a vat-like structure. *New Journal of Chemistry*, **2001**, 25, 216-217 3.6 24
- 300 Rational Design and Synthesis of a Chiral Lanthanide-Radical Single-Chain Magnet. *Inorganic Chemistry*, **2018**, 57, 13409-13414 5.1 24
- 299 A 2D water-stable metal-organic framework for fluorescent detection of nitroaromatics. *Polyhedron*, **2018**, 155, 457-463 2.7 24

298	Single-chain magnets assembled in cobalt(ii) metal-organic frameworks. <i>Chemical Communications</i> , 2019 , 55, 11000-11012	5.8	23
297	A new D2d-symmetry DyIII mononuclear single-molecule magnet containing a monodentate N-heterocyclic donor ligand. <i>CrystEngComm</i> , 2014 , 16, 2283-2289	3.3	23
296	Temperature-directed structural recurrence in low-symmetric Co(II) complexes and nanocrystals. <i>Chemical Communications</i> , 2012 , 48, 705-7	5.8	23
295	3D heterometalorganic frameworks based on oxydiacetic acid. <i>CrystEngComm</i> , 2010 , 12, 1086-1089	3.3	23
294	Hydrothermal syntheses of a series of novel cis- and trans-pydc complexes with three-dimensional supramolecular architectures (pydc=pyridine-2,5-dicarboxylic acid). <i>Journal of Molecular Structure</i> , 2005 , 738, 105-111	3.4	23
293	Grotthuss Proton-Conductive Covalent Organic Frameworks for Efficient Proton Pseudocapacitors. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 21838-21845	16.4	23
292	A triangular [Mn3] cluster-based ferrimagnet with significant magnetic entropy change. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 3494-3499	7.1	22
291	A New Nitronyl Nitroxide Radical as Building Blocks for a Rare S = 13/2 High Spin Ground State 2p-3d Complex and a 2p-3d-4f Chain. <i>Crystal Growth and Design</i> , 2017 , 17, 95-99	3.5	22
290	Two novel complexes based on hexagonal-planar {Co6} and rhombic {Zn4} clusters with different eight-connected topologies. <i>CrystEngComm</i> , 2012 , 14, 5634	3.3	22
289	Magnetic study on a two-dimensional coordination polymer with mixed bridging ligands. <i>Journal of Physical Chemistry A</i> , 2006 , 110, 7677-81	2.8	22
288	Cobalt(II) Complexes with Dicyanamide From Binuclear Entities to Chains. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2003 , 629, 2591-2595	1.3	22
287	The application of metal-organic frameworks in electrocatalytic nitrogen reduction. <i>Chinese Chemical Letters</i> , 2020 , 31, 1768-1772	8.1	22
286	Rational Fabrication of Crystalline Smart Materials for Rapid Detection and Efficient Removal of Ozone. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 6055-6060	16.4	22
285	A Gadolinium(III) Zeolite-like Metal-Organic-Framework-Based Magnetic Resonance Thermometer. <i>CheM</i> , 2019 , 5, 1609-1618	16.2	21
284	Squaramide-decorated covalent organic framework as a new platform for biomimetic hydrogen-bonding organocatalysis. <i>Chemical Communications</i> , 2019 , 55, 5423-5426	5.8	21
283	Water molecule-driven reversible single-crystal to single-crystal transformation of a multi-metallic coordination polymer with controllable metal ion movement. <i>Chemical Communications</i> , 2014 , 50, 1839-41	5.8	21
282	Structural diversity of four new metalorganic frameworks with a curved tetracarboxydiimide dicarboxylic acid. <i>CrystEngComm</i> , 2014 , 16, 834-841	3.3	21
281	Lanthanide hydroxide ribbons assembled in a 2D network: slow relaxation of the magnetization in the dysprosium(III) complex. <i>Dalton Transactions</i> , 2015 , 44, 5276-9	4.3	21

- 280 Cobalt(II)lanthanide(III) Heterometallic MetalOrganic 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 2.3 21
- 279 A rare 2D coordination polymer of graphite-like structure extended by infinite silveroxygenilver bonds. *Inorganic Chemistry Communication*, **2009**, 12, 223-226 3.1 21
- 278 One-dimensional lanthanide coordination polymers as promising luminescent materials. *Inorganica Chimica Acta*, **2009**, 362, 2749-2755 2.7 21
- 277 Structure of an $[I \times (H_2O)_6]$ anion cluster in a 3D anion crystal host $[I \times (H_2O)_6Fe(CN)_6 \times H_2O]_4^-$. *Inorganic Chemistry*, **2006**, 45, 1168-72 5.1 21
- 276 A ferromagnetically coupled tetranuclear pseudo-cubane copper(II) cluster: magnetic and ESR studies. *Inorganica Chimica Acta*, **2004**, 357, 4085-4090 2.7 21
- 275 First macrocyclic oxamide Cu(II)Co(II) complex: synthesis, crystal structure and magnetic properties. *Inorganic Chemistry Communication*, **2002**, 5, 1012-1015 3.1 21
- 274 Two different three-dimensional microporous framework structures in $[Mn_2(H_2O)_4\{W(CN)_8\}_n \cdot nH_2O]$ and $[Mn_2(H_2O)_4\{W(CN)_8(OH)\}_n \cdot nH_2O]$. *New Journal of Chemistry*, **2003**, 27, 1760-1764 3.6 21
- 273 A Novel Mixed-Ligand Manganese(II) Complex Containing a V-shape Water Trimer: Synthesis, Structure and Magnetic Properties of $\{[Mn(azpy)_2(dca)(H_2O)_2](ClO_4)(azpy)(H_2O)_2\}_n$. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2005**, 631, 1693-1697 1.3 21
- 272 Synthesis, Crystal Structure and Properties of Novel Zinc(II) and Cobalt(II) Chain Complexes with 3,5-dimethylpyrazole and Thiocyanate. *Journal of Coordination Chemistry*, **2002**, 55, 363-372 1.6 21
- 271 Design strategies and mechanism studies of CO₂ electroreduction catalysts based on coordination chemistry. *Coordination Chemistry Reviews*, **2020**, 422, 213436 23.2 21
- 270 Robust Bimetallic Ultramicroporous Metal-Organic Framework for Separation and Purification of Noble Gases. *Inorganic Chemistry*, **2020**, 59, 4868-4873 5.1 20
- 269 From 1D zigzag chains to 3D chiral frameworks: synthesis and properties of praseodymium(III) and neodymium(III) coordination polymers. *RSC Advances*, **2014**, 4, 40643-40650 3.7 20
- 268 A new family of 3d/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 3.7 20
- 267 Cyano-bridged terbium(III)-chromium(III) bimetallic quasi-one-dimensional assembly exhibiting long-range magnetic ordering. *Dalton Transactions*, **2012**, 41, 1624-9 4.3 20
- 266 Synthesis, crystal structure and magnetic properties of N1,N2-bridged polynuclear Ni(II) complexes. *Journal of Molecular Structure*, **2006**, 784, 138-143 3.4 20
- 265 A Unique Two-Dimensional Terephthalate-Bridged Structure with Alternate Tetra- and Penta-Coordinate Cobalt(II) Sites. Synthesis, Crystal Structure and Magnetic Properties of $\{[Co_3(tp)_2(OH)_2(phen)_2]_n\}$. *Bulletin of the Chemical Society of Japan*, **2003**, 76, 1179-1184 5.1 20
- 264 Synthesis and Characterisation of Two Supramolecular Polymers $[CuAg_4(CN)_6(tacn)]_n$ and $[CuAu_2(CN)_4(tacn)]_n$ Containing MetalMetal Interactions. *European Journal of Inorganic Chemistry*, **2004**, 2004, 2130-2136 2.3 20
- 263 A 2D Thiocyanato-Bridged Copper(II)-Manganese(II) Bimetallic Coordination Polymer with Ferromagnetic Interactions. *European Journal of Inorganic Chemistry*, **2005**, 2005, 55-58 2.3 20

262	Application of MOF-based materials in electrochemical sensing. <i>Dalton Transactions</i> , 2020 , 49, 17121-17129	1.9	19
261	Influence of Guest Exchange on the Magnetization Dynamics of Dilanthanide Single-Molecule-Magnet Nodes within a Metal-Organic Framework. <i>Angewandte Chemie</i> , 2015 , 127, 9999-10003	3.6	19
260	Hydrolytic synthesis and structural characterization of five hexanuclear oxo-hydroxo lanthanide clusters. <i>CrystEngComm</i> , 2010 , 12, 543-548	3.3	19
259	Coordination assemblies of CoII/NiII/MnII/ZnII with 1,1'-biphenyl-2,2'-dicarboxylic acid and three positional isomeric ligands: structural diversity and properties. <i>CrystEngComm</i> , 2011 , 13, 6538	3.3	19
258	Binuclear Nickel(II) and Cobalt(III) Complexes with Dissimilar Bridges: Synthesis, Spectroscopy, Crystal Structure, and Magnetism. <i>Helvetica Chimica Acta</i> , 2003 , 86, 2441-2451	2	19
257	Kinetic study of the effects of inhibitors on the catalyzed dehydration of HCO ₃ ⁻ by copper(II) complexes [TpPh]CuX (X = OH ⁻ , N ₃ ⁻ , NCS ⁻). <i>Inorganic Chemistry</i> , 2003 , 42, 508-15	5.1	19
256	Combined Intrinsic and Extrinsic Proton Conduction in Robust Covalent Organic Frameworks for Hydrogen Fuel Cell Applications. <i>Angewandte Chemie</i> , 2020 , 132, 3707-3713	3.6	19
255	Facile construction of two-dimensional coordination polymers with a well-designed redox-active organic linker for improved lithium ion battery performance. <i>Science China Chemistry</i> , 2019 , 62, 602-608	7.9	19
254	Bottom-Up Synthesis of 8-Connected Three-Dimensional Covalent Organic Frameworks for Highly Efficient Ethylene/Ethane Separation.. <i>Journal of the American Chemical Society</i> , 2022 ,	16.4	19
253	Nitrogen-doped-carbon-coated SnO ₂ nanoparticles derived from a SnO ₂ @MOF composite as a lithium ion battery anode material. <i>RSC Advances</i> , 2017 , 7, 20062-20067	3.7	18
252	A new cadmium-organic framework fluorescent sensor for Al ³⁺ and Ca ²⁺ ions in aqueous medium. <i>Inorganic Chemistry Communication</i> , 2017 , 79, 29-32	3.1	18
251	Solvent-assisted coordination driven assembly of a supramolecular architecture featuring two types of connectivity from discrete nanocages. <i>Chemical Science</i> , 2019 , 10, 6661-6665	9.4	18
250	A Series of CuII/InIII Metal-Organic Frameworks Based on 2,2'-Bipyridine-3,3'-dicarboxylic Acid: Syntheses, Structures, and Magnetic Properties. <i>Crystal Growth and Design</i> , 2014 , 14, 6409-6420	3.5	18
249	Structural diversity of luminescent lanthanide metal-organic frameworks based on a V-shaped ligand. <i>CrystEngComm</i> , 2015 , 17, 2471-2478	3.3	18
248	Novel flexible bis-triazole bridged copper(II) coordination polymers varying from one- to three-dimensionality. <i>CrystEngComm</i> , 2012 , 14, 2032	3.3	18
247	Synthesis, structures and magnetic properties of polynuclear mixed-valence Mn(II)Mn(III) complexes containing 3-(2-phenol)-5-(pyridin-2-yl)-1,2,4-triazole ligand. <i>Dalton Transactions</i> , 2009 , 105147	4.7	18
246	Syntheses and crystal structures of two new nickel(II) complexes with pyrazine-2,3,5,6-tetracarboxylate. <i>CrystEngComm</i> , 2009 , 11, 1427	3.3	18
245	Multi-Dimensional Systems Built from Dichromate Anions [Syntheses, Crystal Structures, and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2004 , 2004, 562-569	2.3	18

- 244 In Situ Generation of NiO Nanoparticles in a Magnetic Metal-Organic Framework Exhibiting Three-Dimensional Magnetic Ordering. *Inorganic Chemistry*, **2016**, 55, 12938-12943 5.1 18
- 243 A Metal-Organic-Framework-Derived g-C₃N₄/Fe₃O₄ Hybrid for Enhanced Visible-Light-Driven Photocatalytic Hydrogen Evolution. *Chemistry - A European Journal*, **2019**, 25, 2330-2336 4.8 18
- 242 Water Stable Heterometallic Zn-Tb Coordination Polymer for Rapid Detection of the Ultraviolet Filter Benzophenone. *Inorganic Chemistry*, **2020**, 59, 6729-6735 5.1 17
- 241 Graphene oxides doped MIL-101(Cr) as anode materials for enhanced electrochemistry performance of lithium ion battery. *Inorganic Chemistry Communication*, **2016**, 64, 63-66 3.1 17
- 240 A Family of Homologous Heterospin Complexes Based on Lanthanides and Biradical Ligands. *European Journal of Inorganic Chemistry*, **2013**, 2013, 4329-4335 2.3 17
- 239 Formation of the Water Layer in Lanthanide Coordination Polymers with 6-Methyl-2,3,5-Pyridinetricarboxylate as a Novel Bridging Ligand. *Crystal Growth and Design*, **2010**, 10, 218-223 3.5 17
- 238 Binuclear Copper(II) Complexes with Robson-Type Ligands. Synthesis, characterization, crystal structure, and magnetic properties. *Helvetica Chimica Acta*, **1997**, 80, 213-220 2 17
- 237 Synthesis, crystal structures and luminescent properties of two supramolecular assemblies containing [Au(CN)₂]⁻ building block. *New Journal of Chemistry*, **2004**, 28, 1347 3.6 17
- 236 A new mixed-ligand copper(II) complex containing azide and 1,10-phenanthroline: crystal structure and properties. *Journal of Coordination Chemistry*, **2003**, 56, 1473-1480 1.6 17
- 235 Reversible formation of coordination bonds in Sn-based metal-organic frameworks for high-performance lithium storage. *Nature Communications*, **2021**, 12, 3131 17.4 17
- 234 Chiral Ni(II) coordination polymers: structure-driven effects of temperature and polyvinylpyrrolidone. *Inorganic Chemistry*, **2012**, 51, 4784-90 5.1 16
- 233 A Porous Metal-Organic Framework Based on Triazoledicarboxylate Ligands: Synthesis, Structure, and Gas-Sorption Studies. *European Journal of Inorganic Chemistry*, **2012**, 2012, 3562-3568 2.3 16
- 232 A 3D porous hetero-metal compound with helical channels. *Dalton Transactions*, **2009**, 4416-9 4.3 16
- 231 Syntheses, crystal structures and magnetic properties of 1D and 2D cobaltous coordination polymers with mixed ligands. *Inorganica Chimica Acta*, **2010**, 363, 3784-3789 2.7 16
- 230 Synthesis and characterization of unusual heterotrinary Co(III)Ni(II)Co(III) hydrotris(3,5-dimethylpyrazolyl)borate complex with mixed 1,1-azido and pyrazolate bridges. *Inorganic Chemistry Communication*, **2007**, 10, 583-585 3.1 16
- 229 Unprecedented 7-connected 36-413-62 structural topology: Praseodymium-based coordination polymers built from mixed carboxylate ligands. *Inorganic Chemistry Communication*, **2008**, 11, 125-128 3.1 16
- 228 A Binuclear Copper(II) Complex with Two Symmetric End-on Azido Bridges. Synthesis, Spectroscopy, Crystal Structure and Magnetism. *Transition Metal Chemistry*, **2006**, 31, 434-440 2.1 16
- 227 Binuclear complexes of macrocyclic oxamide M(II)Cu(II) (M=Cu, Ni, Mn): synthesis, crystal structure and magnetic properties. *Inorganica Chimica Acta*, **2003**, 343, 288-294 2.7 16

226	New half-sandwich nickel(II) complex with mono-hydrotris(3,5-dimethylpyrazolyl)borate ligand and nitrite. <i>Inorganic Chemistry Communication</i> , 2000 , 3, 289-291	3.1	16
225	A new catalyst for the solvent-free conversion of CO ₂ and epoxides into cyclic carbonate under mild conditions. <i>Journal of CO₂ Utilization</i> , 2016 , 14, 122-125	7.6	16
224	Stable Zn-Containing MOFs with Large [Zn] Nanocages from Assembly of Zn Ions and Aromatic [Zn] Clusters. <i>Chemistry - A European Journal</i> , 2018 , 24, 3683-3688	4.8	16
223	Solvent-induced formation of two gadolinium clusters demonstrating strong magnetocaloric effects and ferroelectric properties. <i>Dalton Transactions</i> , 2019 , 48, 2228-2233	4.3	15
222	Enhancing the Lithium Storage Capacities of Coordination Compounds for Advanced Lithium-Ion Battery Anodes via a Coordination Chemistry Approach. <i>Inorganic Chemistry</i> , 2018 , 57, 10640-10648	5.1	15
221	SalenCu(II)@MIL-101(Cr) as an efficient heterogeneous catalyst for cycloaddition of CO ₂ to epoxides under mild conditions. <i>Journal of Energy Chemistry</i> , 2017 , 26, 821-824	12	15
220	Various metal-organic frameworks from 1D, 2D to 3D with 1,6-bis(1,2,4-triazol-1-yl)hexane. <i>Inorganic Chemistry Communication</i> , 2007 , 10, 517-519	3.1	15
219	Crystal structures and luminescent properties of two novel coordination polymers containing Ln ³⁺ and SO ₄ ²⁻ . <i>Inorganic Chemistry Communication</i> , 2007 , 10, 1433-1436	3.1	15
218	Two 2D cadmium coordination polymers with 3,4-pyridinedicarboxylic acid. <i>Journal of Molecular Structure</i> , 2007 , 833, 102-107	3.4	15
217	2D and 3D sulfate-water supramolecular networks templated via triazole-nickel(II) complexes. <i>Inorganica Chimica Acta</i> , 2006 , 359, 3824-3830	2.7	15
216	Hydrothermal synthesis, crystal structure and luminescent properties of 2d grid-like polymer based on 3d/2d mixed metals. <i>Inorganic Chemistry Communication</i> , 2004 , 7, 971-973	3.1	15
215	Synthesis, crystal structures and properties of iron(III) complexes exhibited both high-spin and low-spin states within the crystal lattice. <i>Inorganica Chimica Acta</i> , 2005 , 358, 396-402	2.7	15
214	Electronic confinement of organic molecules in confined spaces: A spectroscopic study of Zn(phen) ₂ (NO ₃) ₂ loaded MCM-41. <i>Journal of Chemical Physics</i> , 2002 , 117, 5959-5962	3.9	15
213	A Metal-Organic-Framework-Derived (ZnCu)CdS Solid Solution as Efficient Photocatalyst for Hydrogen Evolution Reaction. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 10261-10267	9.5	14
212	Two [Au(CN) ₂] _n -bridged heterometallic coordination polymers directed by different 2,2'-bipyridyl-like ligands. <i>CrystEngComm</i> , 2009 , 11, 61-66	3.3	14
211	Crystal structure, TGA and magnetic properties of a novel 2D coordination polymer [Mn ₂ (btr)(Ebx) ₂ (H ₂ O) ₂] · 2H ₂ O. <i>Inorganic Chemistry Communication</i> , 2008 , 11, 66-68	3.1	14
210	A Zinc-Dual-Halogen Battery with a Molten Hydrate Electrolyte. <i>Advanced Materials</i> , 2020 , 32, e200455324		14
209	Coercive Fields Above 6 T in Two Cobalt(II)-Radical Chain Compounds. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 10610-10618	16.4	14

208	An unusual three-dimensional Dy-Cd ₂ framework exhibiting single-ion magnet behavior. <i>Dalton Transactions</i> , 2015 , 44, 7757-60	4.3	13
207	Alkaline cation directed structural diversity of cubic-cage-based cobalt(II) metal-organic frameworks: from pcu to bct net. <i>CrystEngComm</i> , 2014 , 16, 7133	3.3	13
206	Enhancement of adsorption selectivity for MOFs under mild activation and regeneration conditions. <i>Chemical Communications</i> , 2014 , 50, 7797-9	5.8	13
205	Syntheses, Structures, and Properties of Novel Cagelike Complexes Based on Dodecanuclear Lanthanide with a Large Cavity. <i>Crystal Growth and Design</i> , 2007 , 7, 1044-1048	3.5	13
204	Synthesis, Structure and Luminescent Property of Two New 2D Metal-organic Frameworks containing Lanthanide Ions. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2008 , 634, 382-386	1.3	13
203	Terminal ligand effect on the structure variation of Copper(II) complexes. <i>Inorganic Chemistry Communication</i> , 2006 , 9, 1293-1296	3.1	13
202	Synthesis, structures and magnetic properties of two self-assembly uniform nets (10,3), containing three-connected nodes. <i>Inorganica Chimica Acta</i> , 2006 , 359, 3353-3358	2.7	13
201	The first iron(III)-nickel(II) heterodinuclear complex containing both terminal and bridged phosphato ligands relevant to structural core models for dimetalloenzymes. <i>Dalton Transactions RSC</i> , 2001 , 1398-1400		13
200	Synthesis and Magnetic Properties of New Trinuclear Lanthanide (III) Complexes Bridged by Terephthalato Groups. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 1996 , 26, 409-422		13
199	The different magnetic relaxation behaviors in [Fe(CN) ₆] ³⁻ /[Co(CN) ₆] ³⁻ bridged 3d-4f heterometallic compounds. <i>CrystEngComm</i> , 2020 , 22, 2998-3004	3.3	13
198	Robust Microporous Metal-Organic Frameworks for Highly Efficient and Simultaneous Removal of Propyne and Propadiene from Propylene. <i>Angewandte Chemie</i> , 2019 , 131, 10315-10320	3.6	12
197	Fabrication of Large Single Crystals for Platinum-Based Linear Polymers with Controlled-Release and Photoactuator Performance. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 18634-18640	16.4	12
196	State-of-the-Art and Prospects of Biomolecules: Incorporation in Functional Metal-Organic Frameworks. <i>Topics in Current Chemistry</i> , 2019 , 377, 34	7.2	12
195	Syntheses, structural diversities and magnetic properties of four new Co(II) coordination polymers with phthalic acid derivatives. <i>Polyhedron</i> , 2013 , 51, 283-291	2.7	12
194	A rare one-dimensional Dy(III) complex exhibiting slow magnetic relaxation. <i>Inorganic Chemistry Communication</i> , 2013 , 35, 19-21	3.1	12
193	Systematic investigation of the lanthanide coordination polymers with Epyrone-2,6-dicarboxylic acid. <i>CrystEngComm</i> , 2010 , 12, 1809	3.3	12
192	Synthesis and Crystal Structures of Two Zinc(II) Complexes with the Tripodal Ligand Tris(2-Benzimidazolymethyl)Amine. <i>Journal of Coordination Chemistry</i> , 2003 , 56, 275-281	1.6	12
191	Enhancing Magnetic Behaviors of Dysprosium Single-Molecule Magnets from Crystal Field Perturbation by Deprotonating Schiff-Base Ligand. <i>Crystal Growth and Design</i> , 2019 , 19, 3365-3371	3.5	11

190	An Efficient and Stable MoS ₂ /Zn Cd S Nanocatalyst for Photocatalytic Hydrogen Evolution. <i>Chemistry - A European Journal</i> , 2020 , 26, 12206-12211	4.8	11
189	A Zinc Coordination Complex Mimicking Carbonic Anhydrase for CO Hydrolysis and Sequestration. <i>Inorganic Chemistry</i> , 2019 , 58, 9916-9921	5.1	11
188	Crystal structure, spectroscopy and magnetism of trinuclear nickel(II), cobalt(II) complexes and their solid solution. <i>Polyhedron</i> , 2011 , 30, 3151-3157	2.7	11
187	Solvothermal synthesis of 1D and 2D cobalt(II) and nickel(II) coordination polymers with 2,5-dihydroxy-p-benzenediacetic acid. <i>Inorganic Chemistry Communication</i> , 2008 , 11, 730-732	3.1	11
186	Cu(II) and Ni(II)-1,10-phenanthroline- 5,6-dione-amino acid ternary complexes exhibiting pH-sensitive redox properties. <i>Applied Organometallic Chemistry</i> , 2006 , 20, 351-356	3.1	11
185	Binuclear and Tetranuclear Copper(II) Complexes Bridged by Dimethylglyoxime. <i>Chemistry Letters</i> , 2003 , 32, 118-119	1.7	11
184	A Novel 3-D Heterobimetallic Cyano-bridged Coordination Polymer Incorporating Ag ^{III} Ag Interaction: [Cu(dien)Ag(CN) ₂] ₂ [Ag ₂ (CN) ₃][Ag(CN) ₂]. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2004 , 630, 498-500	1.3	11
183	A novel three-dimensional cobalt (III) complex via hydrogen bonds: [Co(tacn) ₂](ClO ₄) ₃ (tacn=1,4,7-triazacyclononane). <i>Journal of Molecular Structure</i> , 2002 , 608, 49-53	3.4	11
182	Fabrication of Moisture-Responsive Crystalline Smart Materials for Water Harvesting and Electricity Transduction. <i>Journal of the American Chemical Society</i> , 2021 , 143, 7732-7739	16.4	11
181	Highly selective luminescent sensing of xylene isomers by a water stable Zn-organic framework. <i>Inorganic Chemistry Communication</i> , 2016 , 69, 1-3	3.1	11
180	A robust heterometallic ultramicroporous MOF with ultrahigh selectivity for propyne/propylene separation. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 2850-2856	13	11
179	Covalent Organic Frameworks with Chirality Enriched by Biomolecules for Efficient Chiral Separation. <i>Angewandte Chemie</i> , 2018 , 130, 16996-17001	3.6	11
178	Highly Selective Enamination of α -ketoesters Catalyzed by Interlocked [Cu ^I] and [Cu ^{II}] Nanocages. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 13302-13307	16.4	10
177	Nine cyanide-bridged bimetallic magnetic chains derived from octacyanomolybdate(V) and lanthanide(III) building blocks. <i>CrystEngComm</i> , 2013 , 15, 9906	3.3	10
176	Synthesis and chirality control of bulk crystals and nanocrystals: from a right-handed nonpolar chain to a left-handed polar chain. <i>Inorganic Chemistry</i> , 2013 , 52, 3738-43	5.1	10
175	Cadmium(II), manganese(II) and zinc(II) compounds. <i>Journal of Coordination Chemistry</i> , 2008 , 61, 1606-1614	1.6	10
174	First β -oxalato-bridged cis and trans configurations nickel macrocyclic complex: Synthesis, structure and magnetic properties. <i>Inorganic Chemistry Communication</i> , 2007 , 10, 1099-1101	3.1	10
173	Molecular-based magnet with two magnetic transition temperature: A Prussian-blue analogue Mn ₃ [Cr(CN) ₆] ₂ ·2H ₂ O. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 309, 7-10	2.8	10

172	Crystal structures and spectroscopic properties of copper(II) and zinc(II) complexes with the macrocycle 1,4,7-tris(2-pyridylmethyl)-1,4,7-triazacyclononane. <i>Journal of Chemical Crystallography</i> , 2004 , 34, 495-500	0.5	10
171	A novel coordination polymer with dicyanamide ligand: multi-dimensional architecture stabilized by hydrogen bonding. <i>Journal of Molecular Structure</i> , 2003 , 655, 179-184	3.4	10
170	Synthesis, Crystal Structure and Properties of [Mn(hdpa) ₂ (N(CN) ₂) ₂] and [Co(hdpa) ₂ (N(CN) ₂) ₂] (hdpa = 2, 2'-Dipyridylamine). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2003 , 629, 1063-1067	1.3	10
169	Molecular and Low-dimensional Coordination Compounds of Copper(II) and 3, 5-Dimethylpyrazole Synthesis, Crystal Structure, and Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2003 , 629, 697-702	1.3	10
168	Toward Green Production of Chewing Gum and Diet: Complete Hydrogenation of Xylose to Xylitol over Ruthenium Composite Catalysts under Mild Conditions. <i>Research</i> , 2019 , 2019, 5178573	7.8	10
167	Insights into the Capacity and Rate Performance of Transition-Metal Coordination Compounds for Reversible Lithium Storage. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 4142-4149	16.4	10
166	Post-synthetic modifications of metal-organic cages. <i>Nature Reviews Chemistry</i> ,	34.6	10
165	Remarkably Strong Chemisorption of Nitric Oxide on Insulating Oxide Films Promoted by Hybrid Structure. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 21482-21490	3.8	9
164	Molecular Sieving and Direct Visualization of CO in Binding Pockets of an Ultramicroporous Lanthanide Metal-Organic Framework Platform. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 23192-23197	9.5	9
163	Formation of One-Dimensional Coordination Chains for High-Performance Anode Materials of Lithium-Ion Batteries via a Bottom-Up Approach. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 25863-25869	9.5	9
162	Syntheses, structures and magnetic properties of a series of iron(II)-triazole crystalline coordination compounds: Solvent effect, different substituted groups and incomplete spin transition. <i>Inorganic Chemistry Communication</i> , 2013 , 31, 44-48	3.1	9
161	Metal-Organic Frameworks (MOFs) of a Cubic Metal Cluster with Multicentered Mn ^{II} /Mn ^I Bonds. <i>Angewandte Chemie</i> , 2015 , 127, 11847-11851	3.6	9
160	A new Fe(6) ferric cluster: synthesis, crystal structure and magnetic properties. <i>Dalton Transactions</i> , 2008 , 6948-52	4.3	9
159	Synthesis, crystal structure and spectroscopic properties of two new complexes containing azido or dicyanamido bridges. <i>Structural Chemistry</i> , 2006 , 17, 43-47	1.8	9
158	A Novel, three-dimensional, Tetrachlorophthalato-bridged Samarium(III) complex [Sm(tcph) ₂ (H ₂ O) ₆]Hpip·H ₂ O. <i>Journal of Coordination Chemistry</i> , 2004 , 57, 275-280	1.6	9
157	Structure and Magnetic Properties of a Novel Two-Dimensional Complex from 1, 3, 5-Benzenetricarboxylate and Neodymium(III) [Nd(1, 3, 5-benzenetricarboxylate)(H ₂ O) ₄]·nH ₂ O. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2004 , 630, 613-616	1.3	9
156	The First Tetranuclear Complex with a (CrO ₄ -O,O,O) Bridge: Crystal Structure and Ferromagnetic Behavior of [Cu(bpy) ₂] ₃ (CrO ₄)(ClO ₄) ₄ ·4H ₂ O. <i>European Journal of Inorganic Chemistry</i> , 2002 , 2002, 1937-1940	2.3	9
155	A Novel 4, 4'-Azopyridine-Bridged Manganese Polymer: Quasi Two-dimensional Structure and Magnetic Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2003 , 629, 2000-2003	1.3	9

154	A novel 4,4'-azopyridine-bridged binuclear zinc complex. <i>Journal of Coordination Chemistry</i> , 2003 , 56, 1447-1453	1.6	9
153	Manganese(II)-phenanthroline-azide compounds: Versatile Precursors as Ligands in Designing Heteropolymetallic Systems. <i>Journal of Coordination Chemistry</i> , 2002 , 55, 1263-1270	1.6	9
152	Efficient propyne/propadiene separation by microporous crystalline physisorbents. <i>Nature Communications</i> , 2021 , 12, 5768	17.4	9
151	Transition Lanthanide Heterometal Organic Frameworks: Synthesis, Structures, and Properties. <i>Structure and Bonding</i> , 2014 , 231-263	0.9	8
150	Assembly of two ferrous coordination polymers with triazole derivative: Syntheses, structures and magnetic properties. <i>Inorganic Chemistry Communication</i> , 2010 , 13, 699-702	3.1	8
149	Hydrothermal synthesis, crystal structure and fluorescence quenching of hexanuclear Ni ^{II} Ln ^{III} complexes (Ln = La, Nd) containing macrocyclic oxamide ligands. <i>Journal of Molecular Structure</i> , 2007 , 842, 55-59	3.4	8
148	Self-assembly from silver(I) salts and 3,5-dimethyl-4-amino-1,2,4-triazole: syntheses and crystal structures. <i>Structural Chemistry</i> , 2007 , 18, 677-682	1.8	8
147	Structure and magnetic properties of a dtm-bridged two-dimensional supramolecular complex {[Fe(dtm) ₂ (H ₂ O) ₂](ClO ₄) ₂ · 2H ₂ O)} _n (dtm = 4,4'-ditriazolemethane). <i>Transition Metal Chemistry</i> , 2006 , 31, 801-804	2.1	8
146	Synthesis, crystal structures and blue fluorescent properties of two four-coordinate Zinc(II) complexes. <i>Journal of Coordination Chemistry</i> , 2004 , 57, 9-16	1.6	8
145	Synthesis, Crystal Structure, and Properties of a Binuclear Copper(II) Complex Containing an Oxalate Bridge. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2004 , 630, 327-330	1.3	8
144	Synthesis, structure and spectroscopic properties of novel half-sandwich nickel(II) complexes with less hindered hydrotris(pyrazolyl)borate ligand. <i>Polyhedron</i> , 2004 , 23, 211-218	2.7	8
143	Theoretical studies of the electronic properties of confined aromatic molecules in support of electronic confinement effect. <i>PhysChemComm</i> , 2003 , 6, 62		8
142	Synthesis, crystal structure of diferrous complex and its reactivity with dioxygen. <i>Science in China Series B: Chemistry</i> , 2000 , 43, 405-411		8
141	[CuL(H ₂ O) ₂][[CuL][Fe(CN) ₆]] ₂ · 2H ₂ O (L=3,10-Bis(2-hydroxyethyl)-1,3,5,8,10,12-hexaazacyclotetradecane): A Novel Three-Dimensional Coordination Polymer via H-Bonded Linkages of One-Dimensional Zigzag Chain. <i>Journal of Inorganic Chemistry</i> , 2002 , 41, 145-150		8
140	Two-dimensional bimetallic coordination polymers as bifunctional evolved electrocatalysts for enhanced oxygen evolution reaction and urea oxidation reaction. <i>Journal of Energy Chemistry</i> , 2021 , 12, 1-10	12	8
139	A Europium-Organic Framework Sensing Material for 2-Aminoacetophenone, a Bacterial Biomarker in Water. <i>Inorganic Chemistry</i> , 2021 , 60, 9192-9198	5.1	8
138	Pressure Sensor with a Color Change at Room Temperature Based on Spin-Crossover Behavior. <i>Inorganic Chemistry</i> , 2018 , 57, 12475-12479	5.1	8
137	Single-molecule magnet behavior in a mononuclear dysprosium(III) complex with 1-methylimidazole. <i>RSC Advances</i> , 2017 , 7, 2766-2772	3.7	7

- 136 Enhancing the energy barrier of dysprosium(III) single-molecule magnets by tuning the magnetic interactions through different N-oxide bridging ligands. *CrystEngComm*, **2019**, 21, 6219-6225 3.3 7
- 135 Highly Efficient Conversion of Propargylic Amines and CO₂ Catalyzed by Noble-Metal-Free [Zn116] Nanocages. *Angewandte Chemie*, **2020**, 132, 8664-8671 3.6 7
- 134 Protein-Structure-Directed Metal-Organic Zeolite-like Networks as Biomacromolecule Carriers. *Angewandte Chemie*, **2020**, 132, 6322-6326 3.6 7
- 133 A series of coordination polymers based on a 5-(3-amine-1H-pyrazol-4-yl)-1H-tetrazole ligand: synthesis, structure and properties. *CrystEngComm*, **2013**, 15, 10094 3.3 7
- 132 The self-assembly of a heteronuclear complex monitored with ESI-MS and fluorescence spectrophotometry. *CrystEngComm*, **2009**, 11, 1811 3.3 7
- 131 Synthesis, structure and spectroscopy of a copper complex of the chiral pendant-arm macrocycle N,N',N''-tris[2S-2-hydroxypropyl]-1,4,7-triazacyclononane. *Journal of Coordination Chemistry*, **2004**, 57, 41-47 1.6 7
- 130 The synthesis and crystal structure of [M{H₂B(tz*)₂}₂(H₂O)] (M=Cu, Zn and tz*=3,5-dimethyl-1,2,4-triazole). *Inorganic Chemistry Communication*, **2003**, 6, 408-411 3.1 7
- 129 Cyano-bridged Heterotrinnuclear Molybdenum(IV)-Nickel(II) Complexes: Synthesis, Crystal Structure and Magnetic Properties. *Journal of Coordination Chemistry*, **2003**, 56, 337-341 1.6 7
- 128 Novel wavy chain structure. *Journal of Coordination Chemistry*, **2005**, 58, 467-472 1.6 7
- 127 Surface Modification of Nano-Cu₂O for Controlling CO₂ Electrochemical Reduction to Ethylene and Syngas.. *Angewandte Chemie - International Edition*, **2022**, 16.4 7
- 126 COF-inspired fabrication of two-dimensional polyoxometalate based open frameworks for biomimetic catalysis. *Nanoscale*, **2020**, 12, 21218-21224 7.7 7
- 125 Conversion of CO to Heterocyclohexenol Carboxylic Acids through a Metal-Organic Framework Sponge. *ACS Applied Materials & Interfaces*, **2021**, 13, 7389-7395 9.5 7
- 124 Grotthuss Proton-Conductive Covalent Organic Frameworks for Efficient Proton Pseudocapacitors. *Angewandte Chemie*, **2021**, 133, 22009-22016 3.6 7
- 123 Melt polymerization synthesis of a class of robust self-shaped olefin-linked COF foams as high-efficiency separators. *Science China Chemistry*, **2021**, 64, 1200-1206 7.9 7
- 122 Two novel 3d-4f heterometallic coordination polymers with infinite [Ln₄(OH)₄]_n(8n⁺) chains involving in situ decarboxylation. *Dalton Transactions*, **2015**, 44, 7144-7 4.3 6
- 121 Hydrogen Production: Metal-Organic Framework-Derived ZnO/ZnS Heteronanostructures for Efficient Visible-Light-Driven Photocatalytic Hydrogen Production (Adv. Sci. 4/2018). *Advanced Science*, **2018**, 5, 1870025 13.6 6
- 120 Synthesis, crystal structures and fluorescence properties of four mixed-ligands Zn(II) and Cd(II) coordination compounds. *Science in China Series B: Chemistry*, **2009**, 52, 1479-1484 6
- 119 Synthesis, Structure and Magnetic Properties of Two New Homotrinnuclear Bis(oxamato) Copper (II) Complexes. *Chinese Journal of Chemistry*, **2010**, 20, 1249-1255 4.9 6

118	Syntheses and magnetic properties of O-phenylenebis(oxamato)-bridged CoII/CuII complexes. <i>Transition Metal Chemistry</i> , 1997 , 22, 330-332	2.1	6
117	Synthesis, magnetic property and DNA cleavage behavior of a new dialkoxo-bridged diiron(III) complex. <i>Applied Organometallic Chemistry</i> , 2007 , 21, 129-134	3.1	6
116	Two novel 2-D homometallic cyano-bridged complexes: Synthesis, structures and fluorescent properties. <i>Inorganic Chemistry Communication</i> , 2007 , 10, 1226-1228	3.1	6
115	Nickel(II) and copper(II) complexes with triethylenetetraaminehexaacetic acid: From binuclear complex to 1D coordination polymer. <i>Inorganic Chemistry Communication</i> , 2006 , 9, 192-195	3.1	6
114	Synthesis, structures and properties of two novel copper(II) complexes with hydrogen bonding supramolecular networks. <i>Transition Metal Chemistry</i> , 2004 , 29, 200-204	2.1	6
113	Synthesis, Structure and Properties of an Oxalato-Bridged Dinuclear Nickel(II) Complex. <i>Journal of Coordination Chemistry</i> , 2003 , 56, 961-966	1.6	6
112	Synthesis and Magnetic Properties of the First (End-To-End-Azido)Gadolinium(III) Compound: Gd ₂ (phen) ₄ (N ₃) ₆ (H ₂ O). <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 1998 , 28, 405-414		6
111	Rational Construction of Borromean Linked Crystalline Organic Polymers. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 2974-2979	16.4	6
110	A {Tb ₂ Fe ₃ } Pyramid Single-Molecule Magnet with Ferromagnetic Tb-Fe Interaction. <i>Chinese Journal of Chemistry</i> , 2019 , 37, 373-377	4.9	5
109	Syntheses, structures and magnetic properties of a stable nitronyl nitroxide radical and two Tb(III)-radical complexes. <i>Inorganic Chemistry Communication</i> , 2015 , 57, 1-3	3.1	5
108	Theoretical Exploration and Electronic Applications of Conductive Two-Dimensional Metal-Organic Frameworks. <i>Topics in Current Chemistry</i> , 2020 , 378, 25	7.2	5
107	Construction of lanthanide multi-functional metal-organic frameworks via mixed ligand approach: Syntheses, structures, magnetic and luminescent properties. <i>Inorganic Chemistry Communication</i> , 2013 , 37, 30-33	3.1	5
106	Hydrothermal synthesis of an ortho-metallated Co(III) complex anchored by a carboxylate group with a selective oxidation catalytic property. <i>Dalton Transactions</i> , 2013 , 42, 4313-8	4.3	5
105	Solvent induced conformational transformation of helical chains in new copper(II) coordination polymers. <i>Inorganic Chemistry Communication</i> , 2012 , 24, 7-10	3.1	5
104	Ferro-/antiferromagnetic interactions in two one-dimensional Cu(II) complexes: Syntheses, crystal structures and magnetic studies. <i>Inorganic Chemistry Communication</i> , 2012 , 23, 85-89	3.1	5
103	1-D zigzag copper(II) complex with pyrazine-2,3,5,6-tetracarboxylate and oxalate. <i>Journal of Coordination Chemistry</i> , 2009 , 62, 3306-3313	1.6	5
102	Hydrothermal synthesis and magnetism of a chromium(III) squarate complex. <i>Transition Metal Chemistry</i> , 1997 , 22, 418-419	2.1	5
101	Syntheses and structures of d ₉ and d ₁₀ metal complexes with 2,3,5-pyridinetricarboxylic acid. <i>Journal of Molecular Structure</i> , 2007 , 829, 1-7	3.4	5

- 100 A novel three-dimensional malonate-bridged complex $\{[\text{Cu}_4(4,4\text{-bpy})_8(\text{mal})_2(\text{H}_2\text{O})_4](\text{ClO}_4)_2(\text{H}_2\text{O})_4(\text{CH}_3\text{OH})_2\}_n$. *Structural Chemistry*, **2007**, 18, 5-8 1.8 5
- 99 Synthesis, Crystal Structure, and Characterization of Two Oxamido-bridged NiII/CuIINiII Heteronuclear Complexes. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2006**, 632, 2500-2504 1.3 5
- 98 Synthesis and Crystal Structure of a Series of Transition Metal Complexes with Sulfur-Containing Ligands. *Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry*, **2006**, 36, 549-554 5
- 97 Heterometallic two-dimensional polymer containing cyanide-bridged praseodymium(III) and transition metals. *Transition Metal Chemistry*, **2004**, 29, 12-15 2.1 5
- 96 Synthesis and characterization of a novel Mn complex with 4-(pyridyl-2)-1,2,4-triazole. *Journal of Coordination Chemistry*, **2004**, 57, 771-776 1.6 5
- 95 The first example of half-sandwich cobalt(III) complex with hydrotris(pyrazolyl)borate ligand. *Inorganic Chemistry Communication*, **2002**, 5, 512-515 3.1 5
- 94 Two new copper(II) complexes containing the benzene-1,3,5-tricarboxylic acid anion and 1,4,7-triazacyclononane. *Transition Metal Chemistry*, **2003**, 28, 16-20 2.1 5
- 93 Kinetics and mechanism of the bicarbonate dehydration of the half-sandwich zinc(II) complexes $[\text{TpPh}]_2\text{ZnX}$ ($[\text{TpPh}] = \text{hydrotris}(3\text{-phenylpyrazolyl})\text{borate}$; $\text{X} = \text{OH}^-, \text{N}_3^-, \text{NCS}^-$). *Journal of Molecular Catalysis A*, **2003**, 198, 99-106 5
- 92 A Macrocyclic Chromium(III) complex with mixed Hydroxo and Carbonato bridges: Crystal structure and Magnetic properties of $[(\text{tacn})\text{Cr}(\text{OH})_2(\text{CO}_3)\text{Cr}(\text{tacn})](\text{ClO}_4)_2 \cdot 2\text{H}_2\text{O}$ ($\text{tacn} = 1,4,7\text{-Triazacyclononane}$). *Journal of Coordination Chemistry*, **2004**, 57, 231-237 1.6 5
- 91 Grid-like Cobalt(II) Layered Complex with an Unprecedented Double 1,2-Bis(1,2,4-triazole-1-yl)methane Bridges. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2005**, 631, 3104-3107 1.3 5
- 90 A systematic investigation of structural transformation in a copper pyrazolato system: a case study. *Dalton Transactions*, **2020**, 49, 1116-1123 4.3 5
- 89 An efficient Ag/MIL-100(Fe) catalyst for photothermal conversion of CO₂ at ambient temperature. *Chinese Chemical Letters*, **2021**, 32, 3505-3505 8.1 5
- 88 Rational Fabrication of Crystalline Smart Materials for Rapid Detection and Efficient Removal of Ozone. *Angewandte Chemie*, **2021**, 133, 6120-6125 3.6 5
- 87 Simultaneous quantitative recognition of all purines including N⁶-methyladenine via the host-guest interactions on a Mn-MOF. *Matter*, **2021**, 4, 1001-1016 12.7 5
- 86 Highly Selective Enamination of α -ketoesters Catalyzed by Interlocked [Cu₈] and [Cu₁₈] Nanocages. *Angewandte Chemie*, **2019**, 131, 13436-13441 3.6 4
- 85 Tuning the magnetization dynamics of Tb-based single-chain magnets through substitution on the nitronyl nitroxide radical. *Dalton Transactions*, **2019**, 48, 8989-8994 4.3 4
- 84 Cytotoxic and antibacterial activities of the analogues of pogostone. *Fitoterapia*, **2015**, 106, 41-5 3.2 4
- 83 An Ultrastable Matryoshka [Hf₁₃] Nanocluster as a Luminescent Sensor for Concentrated Alkali and Acid. *Angewandte Chemie*, **2019**, 131, 16763-16769 3.6 4

82	Ferro/antiferromagnetic interactions transmitted by double bridged carboxylate groups in 2D mixed-ligand transition metal coordination polymers. <i>Inorganica Chimica Acta</i> , 2012 , 387, 212-218	2.7	4
81	Crystal structure and magnetism of two new 3d ^{df} complexes contain Mn(III) and Ln(III) (Ln=Dy, Tb) ions. <i>Inorganic Chemistry Communication</i> , 2013 , 32, 32-36	3.1	4
80	Amino acid template-synthesis and characterization of three-dimensional metal phosphate/phosphite networks. <i>Inorganic Chemistry Communication</i> , 2009 , 12, 660-663	3.1	4
79	Molecular and Crystal Magnetic Engineering of Polymetallic Coupling System: From Magnetic Molecules to Molecular Magnets. <i>Chinese Journal of Chemistry</i> , 2010 , 19, 208-221	4.9	4
78	The first oxalato-bridged dinuclear CoII \square IVO complexes: synthesis and magnetism. <i>Transition Metal Chemistry</i> , 1997 , 22, 126-128	2.1	4
77	Dinuclear iron (III) complex with a bridging diphenylphosphate and two terminal diphenylphosphate ligands. <i>Science in China Series B: Chemistry</i> , 1998 , 41, 168-173		4
76	Synthesis, structure, spectroscopic and magnetic properties of a novel two-dimensional copper(II) complex Na ₂ [Cu(pba)] \square 6H ₂ O [pba = 1,3-propylenebis(oxamato)]. <i>Transition Metal Chemistry</i> , 2003 , 28, 326-330	2.1	4
75	A new ferromagnetic hetero-metallic assembly, [Cu(en)] ₃ -[Fe(CN) ₆] ₂ \square H ₂ O. <i>Transition Metal Chemistry</i> , 1996 , 21, 349-350	2.1	4
74	Syntheses and Magnetism of Squarate Complexes. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 1996 , 26, 105-114		4
73	Dual-Selective Catalysis in Dephosphorylation Tuned by Hf-Containing Metal-Organic Frameworks Mimicking Phosphatase. <i>ACS Central Science</i> , 2021 , 7, 831-840	16.8	4
72	Enhancing the energy barrier and hysteresis temperature in two benchtop-stable Ho(III) single-ion magnets. <i>Chemical Communications</i> , 2021 , 57, 3607-3610	5.8	4
71	Application of Gd(III) complexes for magnetic resonance imaging and the improvement of relaxivities via nanocrystallization. <i>Inorganic Chemistry Communication</i> , 2018 , 98, 111-114	3.1	4
70	Two new mononuclear tri-spin lanthanide \square itronyl nitroxide radical complexes: Syntheses, structure and magnetic properties. <i>Inorganic Chemistry Communication</i> , 2015 , 57, 51-53	3.1	3
69	Mixed Rare-Earth Complexes of Eu(III) and Y(III) with Pyridine-2,4,6-tricarboxylic Acid and Their Photoluminescent Properties. <i>Chinese Journal of Chemistry</i> , 2012 , 30, 2097-2102	4.9	3
68	Ferromagnetic interactions in EO-azido-bridged binuclear transition metal(II) systems: Syntheses, crystal structures and magnetostructural correlations. <i>Science China Chemistry</i> , 2012 , 55, 942-950	7.9	3
67	Synthesis, structures and magnetic properties of 1D to 3D coordinated polymers based on series of flexible sulfide ligands. <i>Inorganica Chimica Acta</i> , 2011 , 378, 56-65	2.7	3
66	First oxalate-bridged pentanuclear [Cu(L)] ₃ [Mn(ox) ₃] ₂ complexes: synthesis and magnetism. <i>Transition Metal Chemistry</i> , 1997 , 22, 302-303	2.1	3
65	Synthesis and magnetism of a binuclear copper(II) \square hanganese(II) complex with N,N-bis(N-hydroxyethylaminoethyl)oxamido as a bridging ligand. <i>Transition Metal Chemistry</i> , 1997 , 22, 209-210	2.1	3

64	The First New Hydrogen-Bonded Heterohexanuclear Complex [(salen)Cu]4[(salen)Fe(H2O)2]2(ClO4)2: Molecular and Crystal Structure and Magnetic Properties. <i>Journal of Cluster Science</i> , 1998 , 9, 465-471	3	3
63	Crystal structure and ferromagnetic properties of the oxamidato-bridged Cu(II)VO(IV) complex containing macrocyclic ligands. <i>Structural Chemistry</i> , 2007 , 18, 599-603	1.8	3
62	Two novel dinuclear iron(III) complexes containing Ebox-di-Ecarboxylato motif. <i>Transition Metal Chemistry</i> , 2007 , 32, 847-850	2.1	3
61	Synthesis, crystal structure, spectroscopic and magnetic properties of [Cu(dien)2][Ni(CN)4]. <i>Journal of Coordination Chemistry</i> , 2004 , 57, 865-870	1.6	3
60	Experimental and theoretical studies of the optical and electronic properties of a zinc complex encapsulated in the nanocavities. <i>Journal of Chemical Physics</i> , 2003 , 119, 13061-13067	3.9	3
59	Synthesis and Characterization of A Nickel(II) Complex With Bis(Benzimidazol-2-Ylmethyl) (2-Hydroxyethyl)Amine. <i>Journal of Coordination Chemistry</i> , 2002 , 55, 537-543	1.6	3
58	Synthesis and Properties of a Series of Novel Mononuclear Complexes with Binucleating Ligand 2, 6-Diformyl-Methylphenol Di (Benzoylhydrazone). <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 1993 , 23, 501-508		3
57	Bimetallic cobalt-nickel coordination polymer electrocatalysts for enhancing oxygen evolution reaction. <i>Chinese Chemical Letters</i> , 2021 ,	8.1	3
56	Structural Design of Mn-MetalOrganic Frameworks toward Highly Efficient Solvent-Free Cycloaddition of CO2. <i>Crystal Growth and Design</i> , 2021 , 21, 3728-3735	3.5	3
55	Coercive Fields Above 6 T in Two Cobalt(II)Radical Chain Compounds. <i>Angewandte Chemie</i> , 2020 , 132, 10697-10705	3.6	3
54	Two C2v symmetry dysprosium(III) single-molecule magnets with effective energy barriers over 600 K. <i>Inorganic Chemistry Frontiers</i> , 2021 , 8, 2349-2355	6.8	3
53	Quasi-homogeneous catalytic conversion of CO2 into quinazolinones inside a metalOrganic framework microreactor. <i>Green Chemistry</i> , 2021 , 23, 5456-5460	10	3
52	Temperature mediated structural transformation of new hybrid inorganicOrganic Ni(II) complexes. <i>Inorganic Chemistry Communication</i> , 2014 , 39, 5-9	3.1	2
51	Synthesis, characterization and magnetic behavior of four new Co(II) coordination polymers structurally modulated by substituents. <i>Inorganic Chemistry Communication</i> , 2014 , 46, 140-144	3.1	2
50	Construction of Co(II) coordination polymers with flexible carboxylate ligands: structural and magnetic studies. <i>Inorganic Chemistry Communication</i> , 2013 , 36, 122-125	3.1	2
49	Structural design and magnetic properties study on two nitronyl nitroxide radicalsMnII complexes with hetero chain or mononuclear tri-spin structures. <i>Polyhedron</i> , 2015 , 89, 96-100	2.7	2
48	Two Mn(II)Au(I) supramolecular assemblies bonded by coordination, aurophilicity and hydrogen-bonding, Interactions and their magnetic properties. <i>Inorganic Chemistry Communication</i> , 2007 , 10, 779-783	3.1	2
47	Nuclease activity of copper(II) complex containing 1,10-phenanthroline-5,6-dione and L-phenylalanine ligands. <i>Frontiers of Chemistry in China: Selected Publications From Chinese Universities</i> , 2008 , 3, 138-142		2

46	Synthesis and structure of ytterbium (III) complex containing tetrachlorophthalate dianions. <i>Journal of Chemical Crystallography</i> , 2006 , 36, 581-585	0.5	2
45	Synthesis, crystal structure and magnetism of a three-dimensional manganese(II) complex with carbamoyldicyanomethanide anion (cda) as a bridging ligand. <i>Transition Metal Chemistry</i> , 2004 , 29, 586-589 ^{2,1}		2
44	Experimental and theoretical studies of the dehydration kinetics of two inhibitor-containing half-sandwich cobalt(II) complexes. <i>Journal of Molecular Catalysis A</i> , 2004 , 208, 83-90		2
43	Synthesis and crystal structure of a terephthalato-bridged copper(II) complex [Cu ₂ (tpt)(bpy) ₂ (H ₂ O) ₄] [Cu ₂ (tpt) ₃ (bpy) ₂ (H ₂ O) ₂]. <i>Journal of Chemical Crystallography</i> , 2003 , 33, 257-262 ^{0.5}		2
42	Syntheses and crystal structures of two 2D coordination polymers of cobalt(II) and nickel(II) with the Malonate Dianion Ligand. <i>Journal of Coordination Chemistry</i> , 2004 , 57, 1577-1585	1.6	2
41	Structure and magnetic properties of a dinuclear complex [Cu ₂ (TPA) ₂ (o-phth)](ClO ₄) ₂ . <i>Journal of Chemical Crystallography</i> , 2005 , 35, 555-559	0.5	2
40	Reactions of chromium(III) complexes with ferricyanide. Magnetism of K ₂ [Cr(salen)(H ₂ O)][Fe(CN) ₆][H ₂ O] and the crystal structure of [trans-Cr(tn) ₂ Cl ₂] ₃ [Fe(CN) ₆] ₆ [6H ₂ O] [salen ²⁻ = N,N'-ethylenebis(salicylideneaminato) dianion, tn = 1,3-diaminopropane]. <i>Transition Metal Chemistry</i> , 2001 , 26, 457-460	2.1	2
39	Oxalate-bridged mixed-valence trinuclear manganese(II)-manganese(III)-manganese(II) complexes: synthesis and magnetism. <i>Transition Metal Chemistry</i> , 1996 , 21, 270-272	2.1	2
38	Utilization of CO ₂ for the Production of Cyclic Triketone Type Insecticides. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 17908-17913	8.3	2
37	Controlled Thermal Conversion Strategy to Provide Metal-Organic Framework-Supported Composite Catalysts. <i>Inorganic Chemistry</i> , 2021 , 60, 6514-6520	5.1	2
36	A 1D Mn-based coordination polymer with significant magnetocaloric effect. <i>Polyhedron</i> , 2021 , 202, 115173	17.3	2
35	Metal-Organic Frameworks: Antibodies@MOFs: An In Vitro Protective Coating for Preparation and Storage of Biopharmaceuticals (Adv. Mater. 2/2019). <i>Advanced Materials</i> , 2019 , 31, 1970012	24	2
34	Syntheses, crystal structures and magnetic properties of three lanthanide-nitronyl nitroxide complexes. <i>Journal of Rare Earths</i> , 2017 , 35, 24-27	3.7	1
33	3D nickel(II) and cobalt(II) complexes based on 1,4-bis(1,2,4-triazol-1-yl)butane (btb) and PF ₆ ⁻ synthons. <i>Inorganica Chimica Acta</i> , 2016 , 441, 131-136	2.7	1
32	A New Quinoxalinylnyl-Substituted Nitronyl Nitroxide Radical and its Five-Spin CuII and Four-Spin MnII Complexes: Syntheses, Crystal Structures, and Magnetic Properties. <i>Australian Journal of Chemistry</i> , 2012 , 65, 672	1.2	1
31	Synthesis and magnetism of binuclear cobalt(II) complexes with the tetraacetylene dianion as a bridging ligand. <i>Transition Metal Chemistry</i> , 1998 , 23, 629-630	2.1	1
30	A new assembly containing [Fe(dien) ₂] ²⁺ and [Ni(CN) ₄] ²⁻ ions. <i>Journal of Chemical Crystallography</i> , 2006 , 36, 13-16	0.5	1
29	The First Hexa-coordinated Tetranuclear Nickel Complex {[Ni(en) ₂] ₄ [H ₄ L]}(ClO ₄) ₄ ·7H ₂ O with Tetrakis-bidentate Oxamate Bridge. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2004 , 630, 1655-1658 ^{1,3}	1.3	1

28	Crystallographic report: Bis[N,N-dimethyl-N'-(pyrid-2-ylmethyl)-ethylenediamine]zinc(II) diperchlorate. <i>Applied Organometallic Chemistry</i> , 2004 , 18, 416-417	3.1	1
27	Dehydration kinetic studies of HCO ₃ ⁻ catalyzed by three half-sandwich nickel(II) complexes in the presence of inhibitors NO ₂ ⁻ , N ₃ ⁻ and NCS ⁻ . <i>Inorganic Chemistry Communication</i> , 2004 , 7, 165-168	3.1	1
26	Synthesis and magnetic properties of one-dimensional Mn(II) complexes linked by dithiooxalato. <i>Science Bulletin</i> , 2003 , 48, 859-861	10.6	1
25	Synthesis and Magnetic Properties of Novel Heterotetranuclear Complexes [Cu ₂ Ln ₂] Containing N,N'-bis(2-Aminopropyl)Oxamide (Ln = Gd, Ho). <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 1995 , 25, 1249-1260		1
24	Paramagnetic and diamagnetic binuclear copper(II) complexes with different bidentate exogenous bridges: synthesis, spectroscopy and magnetic properties. <i>Transition Metal Chemistry</i> , 1996 , 21, 515	2.1	1
23	Surface Modification of Nano-Cu ₂ O for Controlling CO ₂ Electrochemical Reduction to Ethylene and Syngas. <i>Angewandte Chemie</i> ,	3.6	1
22	A Multicenter Metal-Organic Framework for Quantitative Detection of Multi-Component Organic Mixtures. <i>CCS Chemistry</i> , 1-19	7.2	1
21	A {Ni ₁₂ }-Wheel-Based Metal-Organic Framework for Coordinative Binding of Sulphur Dioxide and Nitrogen Dioxide. <i>Angewandte Chemie - International Edition</i> , 2021 , e202115585	16.4	1
20	Fast Detection of Entacapone by a Lanthanide-Organic Framework with Rhombic Channels. <i>Chemistry - A European Journal</i> , 2021 , 27, 17459-17464	4.8	1
19	Observation of oxygen evolution over a {Ni ₁₂ }-cluster-based metal-organic framework. <i>Science China Chemistry</i> ,	7.9	1
18	Metal-Organic Framework Disintegrants: Enzyme Preparation Platforms with Boosted Activity. <i>Angewandte Chemie</i> , 2020 , 132, 16907	3.6	0
17	Stepwise Fabrication of Proton-conducting Covalent Organic Frameworks for Hydrogen Fuel Cell Applications. <i>Chemical Research in Chinese Universities</i> , 1	2.2	0
16	Engineering COFs as smart triggers for rapid capture and controlled release of singlet oxygen. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 27434-27441	13	0
15	Photo-induced variation of magnetism in coordination polymers with ligand-based electron transfer. <i>Dalton Transactions</i> , 2021 , 50, 13124-13137	4.3	0
14	Bilanthanide Metal-Organic Frameworks for Instant Detection of 17β-Estradiol, a Vital Physiological Index. <i>Small Structures</i> , 2100113	8.7	0
13	New Ni(II)Cu(II)Ni(II) trinuclear complexes with an S=3/2 high-spin ground. <i>Chinese Journal of Chemistry</i> , 2010 , 14, 326-330	4.9	
12	First Oxalate-Bridged Heterobinuclear Co(II)-Mn(III) Complexes: Synthesis and Magnetism. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 1997 , 27, 751-758		
11	Synthesis and Magnetism of 1,2-Chloroterephthalato-manganese(II) Binuclear Complexes. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 1997 , 27, 311-318		

- 10 Synthesis and properties of one-dimensional Ni(II) and Ni(II)Cu(II) complexes linked by hydrogen bond. *Science in China Series B: Chemistry*, **2002**, 45, 640-646
- 9 Synthesis and Crystal Structures of Two Dinuclear Iron(III) Complexes with Tripodal Ligands. *Chinese Journal of Chemistry*, **2005**, 23, 525-529 4.9
- 8 Synthesis and Magnetism of Binuclear Gd(III), Dy(III) and Nd(III) Complexes with Bromanilate Dianion as Bridging Ligand. *Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry*, **1998**, 28, 303-309
- 7 O-phenylenebis(oxamato) bridged trinuclear copper(II) complexes: synthesis and magnetic properties. *Transition Metal Chemistry*, **1996**, 21, 127-129 2.1
- 6 The first examples of oxalate-bridged mixed-valence pentanuclear $[\text{Mn}(\text{L})_2]_3[\text{Mn}(\text{ox})_3]_2$ complexes: synthesis and magnetism. *Transition Metal Chemistry*, **1996**, 21, 95 2.1
- 5 Syntheses and Magnetism of 4-Nitrophthalato Manganese(II) Binuclear Complexes. *Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry*, **1996**, 26, 1179-1188
- 4 Construction of Cu Defects on CuCl Nanoparticles in Metal-Organic Frameworks toward Composite Catalysts with Superior Activity. *Inorganic Chemistry*, **2021**, 60, 11626-11632 5.1
- 3 Insights into the Capacity and Rate Performance of Transition-Metal Coordination Compounds for Reversible Lithium Storage. *Angewandte Chemie*, **2021**, 133, 4188-4195 3.6
- 2 Innenrücktitelbild: Silica-Protection-Assisted Encapsulation of Cu₂O Nanocubes into a Metal-Organic Framework (ZIF-8) To Provide a Composite Catalyst (Angew. Chem. 23/2018). *Angewandte Chemie*, **2018**, 130, 7063-7063 3.6
- 1 Covalent organic frameworks as crystalline sponges for enzyme extraction and production from natural biosystems. *Chemical Engineering Journal*, **2022**, 444, 136624 14.7