

Hui-Zhong Kou

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#	Paper	IF	Citations
138	Surfactant-assisted synthesis of alpha-Fe ₂ O ₃ nanotubes and nanorods with shape-dependent magnetic properties. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 15218-23	3.4	233
137	A 2D cyano- and oxamidato-bridged heterotrimetallic Cr ^{III} -Cu ^I -Gd ^{III} complex. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 3288-91	16.4	166
136	Dehydrogenative coupling of phenanthroline under hydrothermal conditions: crystal structure of a novel layered vanadate complex constructed of 4,8,10-net sheets: [(2,2Rbiphen)Co]V ₃ O ₈ .5. <i>Chemical Communications</i> , 2001 , 1670-1	5.8	159
135	[Mn ^{III} (salen)] ₆ [Fe ^{III} (bpmb)(CN) ₂] ₆ ·7H ₂ O: a cyanide-bridged nanosized molecular wheel. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 7742-5	16.4	154
134	Unexpected assembly of a unique cyano-bridged three-dimensional Cu ₃ Cr ₂ ferromagnet. <i>Journal of the American Chemical Society</i> , 2001 , 123, 11809-10	16.4	113
133	Heterotrimetallic 4f-3d coordination polymers: synthesis, crystal structure, and magnetic properties. <i>Inorganic Chemistry</i> , 2003 , 42, 7658-65	5.1	93
132	Substituent effect on formation of heterometallic molecular wheels: synthesis, crystal structure, and magnetic properties. <i>Inorganic Chemistry</i> , 2007 , 46, 6029-37	5.1	88
131	[Fe(bpb)(CN) ₂]- as a versatile building block for the design of novel low-dimensional heterobimetallic systems: synthesis, crystal structures, and magnetic properties of cyano-bridged Fe(III)-Ni(II) complexes [(bpb)(2-) = 1,2-bis(pyridine-2-carboxamido)benzenate]. <i>Inorganic Chemistry</i> , 2005 , 44, 2050-9	5.1	83
130	Cyanide-bridged Mn(III)-Fe(III) bimetallic complexes based on the pentacyano(1-methylimidazole)ferrate(III) building block: structure and magnetic characterizations. <i>Inorganic Chemistry</i> , 2007 , 46, 22-33	5.1	81
129	Assembly of azido- or cyano-bridged binuclear complexes containing the bulky [Mn(phen) ₂] ²⁺ building block: syntheses, crystal structures, and magnetic properties. <i>Inorganic Chemistry</i> , 2005 , 44, 4728-36	5.1	80
128	Spin transitions in Fe(II) metallogrids modulated by substituents, counteranions, and solvents. <i>Journal of the American Chemical Society</i> , 2013 , 135, 5942-5	16.4	79
127	Characterization of a soluble molecular magnet: unusual magnetic behavior of cyano-bridged Gd(III)-Cr(III) complexes with one-dimensional and nanoscaled square structures. <i>Inorganic Chemistry</i> , 2002 , 41, 4756-62	5.1	76
126	Synthesis, crystal structure, and magnetic properties of oxime-bridged polynuclear Ni(II) and Cu(II) complexes. <i>Inorganic Chemistry</i> , 2005 , 44, 709-15	5.1	75
125	Metamagnetism of the First Cyano-Bridged Two-Dimensional Brick-Wall-like 4fBd Array. <i>Chemistry of Materials</i> , 2001 , 13, 1431-1433	9.6	69
124	Mu _{1,1} -azide-bridged ferromagnetic Mn ^{III} dimer with slow relaxation of magnetization. <i>Inorganic Chemistry</i> , 2006 , 45, 4883-5	5.1	68
123	Synthesis, crystal structure, and magnetic properties of two cyano-bridged bimetallic 4f-3d arrays with one-dimensional chain and two-dimensional brick wall molecular structures. <i>Inorganic Chemistry</i> , 2001 , 40, 6295-300	5.1	68
122	A cyano-bridged molecular magnet with a novel two-dimensional brick wall structure. <i>Chemical Communications</i> , 2000 , 1309-1310	5.8	65

121	From one-dimensional chain to pentanuclear molecule. Magnetism of cyano-bridged Fe(III)-Ni(II) complexes. <i>Inorganic Chemistry</i> , 2002 , 41, 6887-91	5.1	63
120	mer-[Fe(pcq)(CN) ₃]-: a novel cyanide-containing building block and its application to assembling cyanide-bridged trinuclear Fe(II)Mn(II) complexes [pcq- = 8-(pyridine-2-carboxamido)quinoline anion]. <i>Inorganic Chemistry</i> , 2005 , 44, 9631-3	5.1	62
119	Pendant macrocyclic metallic building blocks for the design of cyano-bridged heterometallic complexes with 1D chain and 2D layer structures. <i>Inorganic Chemistry</i> , 2003 , 42, 5604-11	5.1	61
118	Rhodamine 6G-Labeled Pyridyl Aroylhydrazone Fe(II) Complex Exhibiting Synergetic Spin Crossover and Fluorescence. <i>Journal of the American Chemical Society</i> , 2018 , 140, 9426-9433	16.4	58
117	Crystal structure and magnetic properties of a new two-dimensional cyano-bridged bimetallic assembly [NiL ₃][Cr(CN) ₅ (NO)] ₂ ·10H ₂ O (L = 3,10-dimethyl-1,3,5,8,10,12-hexaazacyclotetradecane). <i>Chemical Communications</i> , 2000 , 713-714	5.8	58
116	Heterometallic trinuclear Cu(II)M(II) (M = Fe or Cr) complexes with novel bridges and unusual magnetic properties. <i>New Journal of Chemistry</i> , 2006 , 30, 1327	3.6	51
115	Synthesis, crystal structure and metamagnetic properties of a two-dimensional honeycomb network based on ferricyanide and (3,10-dimethyl-1,3,5,8,10,12-hexaazacyclotetradecane)nickel(II) building blocks. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999 , 2477-2480		47
114	Reactions between macrocyclic nickel(II) complexes and ferricyanide. Metamagnetic properties of a two-dimensional honeycomb assembly [NiL ₃][Fe(CN) ₆] ₂ ·BH ₂ O (L = 3,10-dihydroxyethyl-1,3,6,8,10,12-hexaazacyclotetradecane). <i>Dalton Transactions RSC</i> , 2000 , 2996-3000		44
113	Pseudohalide-bridged five-coordinate Ni(II) or Co(II) complexes with bulky bidentate ligands: Magneto-structural relationship. <i>Inorganica Chimica Acta</i> , 2008 , 361, 2396-2406	2.7	42
112	(Schiff-base)Cu(II) Complexes with Phenolate-Oxygen/Chloro or -Oxygen/Azido Mixed Bridges. Syntheses, Crystal Structures and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2004 , 2004, 4608-4615	2.3	42
111	Two-Dimensional Coordination Polymers Exhibiting Antiferromagnetic Gd(III)Cu(II) Coupling. <i>Crystal Growth and Design</i> , 2005 , 5, 77-79	3.5	40
110	Magnetic characteristics of new cyano-bridged two-dimensional honeycomb-like bimetallic assemblies containing Ni(II)-N≡C-Cr(III) or Ni(II)-N≡C-Cr(I) linkages. <i>Inorganic Chemistry</i> , 2001 , 40, 6287-94	5.1	40
109	Slow magnetization relaxation in Ni(II)Dy(III)Fe(III) molecular cycles. <i>Inorganic Chemistry</i> , 2015 , 54, 1206-8.1	5.1	39
108	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
107	Hydrothermal syntheses and crystal structures of two-dimensional (2D) layered vanadium oxide complexes: M(bipy)(H ₂ O)V ₂ O ₆ (M = Ni, Co, bipy = bipyridine) and [Ni(bipy) ₂ V ₆ O ₁₇]. <i>Dalton Transactions RSC</i> , 2002 , 598		39
106	Supramolecular lanthanide metallogrids exhibiting field-induced single-ion magnetic behavior. <i>Dalton Transactions</i> , 2013 , 42, 4369-72	4.3	38
105	Crystal structures and magnetic properties of new cyano-bridged two-dimensional grid-like bimetallic assemblies [Ni(tn) ₂][Cr(CN) ₅ (NO)]OH·H ₂ O and [Ni(tn) ₂][Co(CN) ₆]NO ₃ ·2H ₂ O (tn=1,3-propanediamine). <i>Inorganic Chemistry</i> , 2001 , 40, 4839-44	5.1	38
104	Heterodinuclear M(II)-Ln(III) single molecule magnets constructed from exchange-coupled single ion magnets. <i>Dalton Transactions</i> , 2014 , 43, 11309-16	4.3	37

103	Cyanide-bridged 1D Mn(III)Fe(III) bimetallic complexes: synthesis, crystal structure and magnetic properties. <i>New Journal of Chemistry</i> , 2009 , 33, 2296	3.6	37
102	Nonadecanuclear . <i>Inorganic Chemistry Communication</i> , 2008 , 11, 675-677	3.1	37
101	Supramolecular metallomacrocycles based on trans-dicyanoferrite(III) building blocks: synthesis, crystal structure and magnetic properties. <i>Dalton Transactions</i> , 2009 , 2788-94	4.3	35
100	Synthesis, Crystal Structures and Magnetism of a Series of Heptanuclear Rare-Earth-Centered Trigonal Prism Clusters. <i>European Journal of Inorganic Chemistry</i> , 2003 , 2003, 731-736	2.3	34
99	A New One-Dimensional Bimetallic Complex: Cu(en)2Fe(CN)5(NO). Synthesis, Crystal Structure and Magnetic Behaviour. <i>Australian Journal of Chemistry</i> , 1998 , 51, 661	1.2	34
98	Pyrazine-2-amidoxime Ni(II) complexes: from ferromagnetic cluster to antiferromagnetic layer. <i>Inorganic Chemistry</i> , 2011 , 50, 1079-83	5.1	33
97	Ligand-directed assembly of cyanide-bridged bimetallic MnIIFeIII coordination polymers based on the pentacyanoferrite(III) building blocks. <i>CrystEngComm</i> , 2009 , 11, 632-637	3.3	32
96	A cyano-bridged single-chain magnet featuring alternate high- and low-spin manganese(III) porphyrins. <i>Chemical Communications</i> , 2014 , 50, 2120-2	5.8	31
95	Synthesis and Magnetic Study of μ_2 -1-Azido-Bridged Dinuclear Manganese(II) Complexes Based on Tripyridyl Ligands. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 5670-5676	2.3	31
94	Self-Assembly of Multidecker NiII Clusters from Preformed Ni4 Decks. <i>Crystal Growth and Design</i> , 2009 , 9, 4607-4609	3.5	29
93	Unexpected assembly of a cyanide-bridged one-dimensional nickel(II) complex with alternating [Ni(TIM)]2+ and [Ni(CN)4]2- ions (TIM=2,3,9,10-tetramethyl-1,4,8,11-tetraazacyclotetradeca-1,3,8,10-tetraene). <i>Inorganic Chemistry Communication</i> , 2000 , 3, 151-154	3.1	29
92	Toward higher nuclearity: tetranuclear cobalt(II) metallogrid exhibiting spin crossover. <i>Inorganic Chemistry</i> , 2014 , 53, 2613-8	5.1	28
91	Cyano-Bridged Dimetallic Complexes Derived from Manganese(III) Schiff Bases and Pentacyanonitrosylchromate(I): Synthesis, Crystal Structure and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 1240-1250	2.3	27
90	Synthesis, Crystal Structure, and Magnetic Properties of a Three-Dimensional Cyano-Bridged Bimetallic Coordination Polymer with an Aromatic Amine Capping Ligand: [Cu(2,2'Edpa)]3[Cr(CN)6]2·2H2O (2,2'Edpa = 2,2'Edipicolylamine). <i>Crystal Growth and Design</i> , 2006 , 6, 94-98	3.5	27
89	Ligand-Directed Assembly of Azide-Bridged Tetranuclear, One-Dimensional and Two-Dimensional Cu(II) Complexes: Synthesis, Crystal Structure and Magnetic Properties. <i>Crystal Growth and Design</i> , 2012 , 12, 3436-3443	3.5	26
88	Ferromagnetic coupling in oximate-bridged multi-decker Ni(II) clusters. <i>Dalton Transactions</i> , 2010 , 39, 9604-10	4.3	26
87	A trimetallic strategy towards ZnDyCr and ZnDyCo single-ion magnets. <i>Dalton Transactions</i> , 2015 , 44, 15413-6	4.3	25
86	Synthesis, Crystal Structures, and Magnetic Properties of Cyanide-Bridged Fe(III)Mn(III) Complexes Based on Manganese(III)-Porphyrin and Pyridinecarboxamide Dicyanideiron(III) Building Blocks. <i>Crystal Growth and Design</i> , 2009 , 9, 3989-3996	3.5	25

85	Rhodamine Salicylaldehyde Hydrazone Dy(III) Complexes: Fluorescence and Magnetism. <i>Inorganic Chemistry</i> , 2018 , 57, 4061-4069	5.1	24
84	Two Ferromagnetic One-Dimensional Nickel(II) Complexes Containing the Diamagnetic [Ni(CN) ₄] ²⁻ Group. <i>European Journal of Inorganic Chemistry</i> , 2002 , 2002, 699-702	2.3	24
83	Slow Magnetic Relaxation in a Mononuclear Ruthenium(III) Complex. <i>Chemistry - A European Journal</i> , 2017 , 23, 10028-10033	4.8	23
82	Multi-component synthesis of trimetallic tetranuclear clusters [Cu(L)(H ₂ O)] ₂ Ln(H ₂ O) ₂ Cr(C ₂ O ₄) ₃ ·12H ₂ O (H ₂ L = 1,4,8,11-tetraazacyclotradecane-2,3-dione, Ln(3+) = Gd, Tb and Dy). <i>Chemical Communications</i> , 2010 , 46, 6533-5	5.8	23
81	New oxalate-bridged Cr(III)-Mn(II) polymeric network incorporating a spin-crossover [Co(terpy) ₂] ²⁺ cation. <i>Inorganic Chemistry</i> , 2007 , 46, 9513-5	5.1	23
80	Surfactant-assisted solvothermal synthesis of Bi ₂ S ₃ nanorods. <i>Journal of Crystal Growth</i> , 2007 , 306, 159-165	2.3	23
79	Cyano-Bridged Dimetallic Polynuclear Cu ₆ Cr, Cu ₆ Cr ₆ , Cu ₂ W, and CuW Arrays: Synthesis, Crystal Structure, and Magnetism. <i>European Journal of Inorganic Chemistry</i> , 2004 , 2004, 401-408	2.3	23
78	Synthesis, crystal structure and magnetic properties of dinuclear Ni(II)Ln(III) complexes based on a flexible polydentate ligand. <i>Dalton Transactions</i> , 2013 , 42, 11227-33	4.3	22
77	Metallo-cyclic NiLnM single-molecule magnets. <i>Dalton Transactions</i> , 2017 , 46, 6544-6552	4.3	21
76	Ligand-directed assembly of trinuclear and one-dimensional heterotrimetallic Cu(II)Ln(III)Fe(III) complexes: unusual antiferromagnetic Cu(II)Fe(III) coupling via cyano bridges. <i>New Journal of Chemistry</i> , 2016 , 40, 8643-8649	3.6	21
75	Chiral six-coordinate Dy(III) and Tb(III) complexes of an achiral ligand: structure, fluorescence, and magnetism. <i>Dalton Transactions</i> , 2017 , 46, 13035-13042	4.3	21
74	Syntheses, structure, and magnetic properties of hexanuclear Mn(III) ₂ M(III) ₄ (M = Y, Gd, Tb, Dy) complexes. <i>Dalton Transactions</i> , 2012 , 41, 10589-95	4.3	20
73	Synthesis, crystal structure and magnetic properties of a one-dimensional copper(II) polymer bridged by different double end-on azide bridges. <i>Journal of Molecular Structure</i> , 2011 , 1006, 629-634	3.4	20
72	One-Dimensional Mn(III) Coordination Polymer Exhibiting Ferromagnetic Coupling. <i>Crystal Growth and Design</i> , 2008 , 8, 3908-3910	3.5	20
71	Cyano-bridged 2D Cu(II)-Cr(III) coordination polymers: structural evidence for formation of a polymeric macrocyclic metallic compound. <i>Inorganic Chemistry</i> , 2004 , 43, 3271-6	5.1	20
70	Porous Coordination Polymers Based on {Mn ₆ } Single-Molecule Magnets. <i>Inorganic Chemistry</i> , 2016 , 55, 5880-5	5.1	19
69	Syntheses, crystal structures and magnetism of azide-bridged five-coordinate binuclear nickel(II) and cobalt(II) complexes. <i>Transition Metal Chemistry</i> , 2015 , 40, 807-811	2.1	18
68	Solid state reconstructive phase transition from porous supramolecular network to porous coordination polymer. <i>Chemical Communications</i> , 2016 , 52, 2952-5	5.8	17

- 67 Synthesis, crystal structure and magnetic properties of a cyanide-bridged heterobimetallic trinuclear complex based on K[Cr(salen)(CN)₂] building block. *Inorganic Chemistry Communication*, **2008**, 11, 94-96 3.1 17
- 66 Synthesis, structures and magnetic properties of pentanuclear and trinuclear heterometallic complexes with bended and linear cyano-bridges (tren = tris(2-aminoethyl)amine). *Inorganica Chimica Acta*, **2006**, 359, 2015-2022 2.7 17
- 65 Assembly of oximate-bridged Mn₆ cluster to a one-dimensional chain. *Inorganic Chemistry Communication*, **2011**, 14, 1475-1478 3.1 16
- 64 Structures and magnetic properties of one-dimensional polymers constructed with copper(II) salts and pyridinecarboxamide-type ligands. *Inorganica Chimica Acta*, **2006**, 359, 541-547 2.7 16
- 63 Solvothermal synthesis of anhydrous [Mn(CH₃COO)₂]: A weak ferromagnet with an ordering temperature of 40 K and spin-glass behavior. *Inorganic Chemistry Communication*, **2005**, 8, 846-849 3.1 16
- 62 Cu(II) complexes of N-rich aroylhydrazone: magnetism and catalytic activity towards microwave-assisted oxidation of xylenes. *Dalton Transactions*, **2019**, 48, 12839-12849 4.3 15
- 61 Origin of Ferromagnetic Coupling in a Dicyanamide-bridged One-dimensional Cu(II) Complex. *Chemistry Letters*, **2003**, 32, 902-903 1.7 15
- 60 Iron(III) complexes of 2-methyl-6-(pyrimidin-2-yl-hydrazonomethyl)-phenol as spin-crossover molecular materials. *Dalton Transactions*, **2017**, 46, 16562-16569 4.3 13
- 59 In Situ Formation of Semichelating Ligands: A Strategy for Tuning the Magnetic Coupling in Azide-Bridged Copper(II) Complexes. *ChemPlusChem*, **2014**, 79, 310-317 2.8 13
- 58 Mesoporous [Fe₂O₃] nanospheres: structural evolution and investigation of magnetic properties. *Chemistry - A European Journal*, **2011**, 17, 4323-9 4.8 13
- 57 Solely [Ni], 1-azido-bridged heterometallic compound. *Inorganic Chemistry Communication*, **2009**, 12, 926-928 3.1 13
- 56 Spin canting and metamagnetism in the two azido-bridged 1D complexes [Ni(3,5-dmpy)₂(N₃)₂]_n and [Co_{1.5}(3,5-dmpy)₃(N₃)₃]_n. *CrystEngComm*, **2012**, 14, 5035 3.3 12
- 55 Assembly of an interpenetrating three-dimensional mixed-valence Cu^I/Cu^{II} coordination polymer. *Journal of Organometallic Chemistry*, **2004**, 689, 369-373 2.3 12
- 54 One-pot template synthesis and crystal structure of two new polyaza copper(II) complexes. *Inorganic Chemistry Communication*, **2003**, 6, 38-42 3.1 12
- 53 [Mn^{III}(salen)]₆[Fe^{III}(bpmb)(CN)₂]₆·7 H₂O: A Cyanide-Bridged Nanosized Molecular Wheel. *Angewandte Chemie*, **2005**, 117, 7920-7923 3.6 12
- 52 Substituent effects on the fluorescent spin-crossover Fe(II) complexes of rhodamine 6G hydrazones. *Inorganic Chemistry Frontiers*, **2019**, 6, 1170-1176 6.8 11
- 51 Macroscopic Polarization Change via Electron Transfer in a Valence Tautomeric Cobalt Complex. *Nature Communications*, **2020**, 11, 1992 17.4 11
- 50 High-spin tetranuclear iron(III) grids: Synthesis, crystal structure and magnetic properties. *Polyhedron*, **2013**, 52, 970-975 2.7 11

49	Synthesis, structure and magnetic properties of trinuclear transition metal complexes based on pyridine-2-amidoxime. <i>Inorganica Chimica Acta</i> , 2012 , 387, 401-406	2.7	11
48	A 2D Cyano- and Oxamidato-Bridged Heterotrimetallic CrIII-CuII-GdIII Complex. <i>Angewandte Chemie</i> , 2003 , 115, 3410-3413	3.6	11
47	Spontaneous Resolution of Chiral Co(III)Dy(III) Single-Molecule Magnet Based on an Achiral Flexible Ligand. <i>Crystal Growth and Design</i> , 2018 , 18, 7611-7617	3.5	11
46	Tunable gas adsorption properties of porous coordination polymers by modification of macrocyclic metallic tectons. <i>CrystEngComm</i> , 2016 , 18, 4084-4093	3.3	10
45	Ferromagnetic versus antiferromagnetic exchange in oximate-bridged nickel(II) complexes. <i>New Journal of Chemistry</i> , 2014 , 38, 5037-5042	3.6	10
44	Assembly of dinuclear copper(II) secondary building units into polymeric complexes: crystal structures and magnetic properties. <i>CrystEngComm</i> , 2014 , 16, 8027	3.3	10
43	Preparation and Thermochromic Properties of Copper(II)-N,N-Diethylethylenediamine Complexes. <i>Journal of Chemical Education</i> , 2011 , 88, 311-312	2.4	10
42	Two new CrIII(bpb)(H ₂ O)X complexes derived from [Cr(bpb)(N ₃) ₂][Br [Cr(bpb)(CN) ₂][[bpb2] 1,2-bis(pyridine-2-carboxamido)benzenate, X = hydroxo or azide). <i>Journal of Chemical Crystallography</i> , 2006 , 36, 465-472	0.5	10
41	Mixed-valence trinuclear manganese(II/III) complexes of flexible tetradentate N ₂ O ₂ ligands: Ferromagnetic versus antiferromagnetic coupling. <i>Polyhedron</i> , 2012 , 38, 213-217	2.7	9
40	Syntheses, structure, and magnetic properties of heteronuclear Cu(II) ₄ Fe(III) ₄ cluster and Cu(II) ₈ bimetallic cycles. <i>Dalton Transactions</i> , 2013 , 42, 1102-8	4.3	8
39	Assembly of a two-dimensional oxalate-bridged heterometallic Co(II) ₃ Cr(III) ₂ coordination polymer. <i>Dalton Transactions</i> , 2008 , 3652-4	4.3	8
38	Structural Modulation of Fluorescent Rhodamine-Based Dysprosium(III) Single-Molecule Magnets. <i>Inorganic Chemistry</i> , 2020 , 59, 2308-2315	5.1	7
37	Synthesis, structure, and magnetic properties of heterotrimetallic tetranuclear complexes. <i>Transition Metal Chemistry</i> , 2014 , 39, 713-718	2.1	7
36	Syntheses, crystal structures and magnetic properties of three cyanide-bridged iron(III) manganese(II) binuclear complexes based on dicyanideferrite(III) building blocks. <i>Transition Metal Chemistry</i> , 2012 , 37, 469-474	2.1	7
35	Mechanochromic and Single-Molecule Magnetic Properties of a Rhodamine 6G Dy(III) Complex. <i>ACS Applied Electronic Materials</i> , 2021 , 3, 1368-1374	4	7
34	Synthesis, crystal structures, and properties of two manganese(II)-nitroprusside complexes. <i>Journal of Chemical Crystallography</i> , 2006 , 36, 47-54	0.5	6
33	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
32	Synthesis, crystal structures, and magnetic properties of methoxido-bridged dinuclear MnIII complexes derived from tri-dentate chelating ligands. <i>Journal of Coordination Chemistry</i> , 2016 , 69, 1218-1225	1.6	6

31	Mixed-Valent {Mn ₁₄ } Single-Molecule Magnet Based on Pyridine-2-amidoxime. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 5314-5317	2.3	5
30	Synthesis, crystal structure, and magnetism of a two-dimensional copper(II) complex with single end-to-end and double end-on azide bridges. <i>Journal of Coordination Chemistry</i> , 2012 , 65, 2972-2980	1.6	5
29	Synthesis, characterization and crystal structure of the first trinuclear MFe ₂ (M = Cu and Ni) complexes based on nitroprusside. <i>Chinese Journal of Chemistry</i> , 2010 , 21, 1159-1164	4.9	5
28	Synthesis, crystal structures and properties of two copper(II) 2-aminomethylbenzimidazole complexes. <i>Transition Metal Chemistry</i> , 2003 , 28, 464-467	2.1	5
27	Synthesis, structures, and magnetic properties of carboxylate-bridged trinuclear complexes based on low-spin manganese(III)/iron(III) building blocks. <i>Transition Metal Chemistry</i> , 2013 , 38, 683-688	2.1	4
26	Toward a robust porous coordination polymer: the inhibition of mutual movement between interpenetrating sub-networks by introduction of multiple C-H... interactions. <i>RSC Advances</i> , 2015 , 5, 89052-89055	3.7	4
25	Hydrothermal synthesis of a 2-(2-pyridyl)imidazole derivative and its copper(II) and zinc(II) complexes. <i>Transition Metal Chemistry</i> , 2008 , 33, 861-866	2.1	4
24	Benzene-1,3,5-tricarboxylate-bridged Double-layered Nickel(II) Complex with Ferromagnetically Coupled Ni ₃ Units. <i>Chinese Journal of Chemistry</i> , 2008 , 26, 1527-1531	4.9	4
23	A new ferromagnetic hetero-metallic assembly, [Cu(en)] ₃ -[Fe(CN) ₆] ₂ ·2H ₂ O. <i>Transition Metal Chemistry</i> , 1996 , 21, 349-350	2.1	4
22	Manganese(III) complexes derived from 1-(2-hydroxybenzamido)-2-((2-hydroxy-3-methoxybenzylidene)amino)ethane: Synthesis, structure and magnetic properties. <i>Inorganica Chimica Acta</i> , 2016 , 449, 69-74	2.7	4
21	Sulfadiazine/dimethylsulfadiazine transition metal complexes: Synthesis, crystal structures and magnetic properties. <i>Polyhedron</i> , 2015 , 99, 252-259	2.7	3
20	Silver complexation by metallacryptates. <i>Dalton Transactions</i> , 2016 , 45, 284-95	4.3	3
19	Synthesis, crystal structure and magnetic properties of cyanide-bridged one-dimensional Ni(II)Fe(III) complexes based on pentacyanoferrite. <i>Polyhedron</i> , 2014 , 81, 450-456	2.7	3
18	Cyanide-bridged one-dimensional bimetallic complexes based on a tridentate copper(II) building block: synthesis, crystal structures and magnetic properties. <i>Transition Metal Chemistry</i> , 2014 , 39, 387-392 ¹	2.1	3
17	A new type of copper coordination polymer based on β -aminobutyric acid: Syntheses, structures and magnetic properties. <i>Inorganic Chemistry Communication</i> , 2017 , 84, 99-102	3.1	3
16	Controlled Synthesis of Two Copper Oxalate Hydrate Complexes: Kinetic versus Thermodynamic Factors. A Laboratory Experiment for Undergraduates. <i>Journal of Chemical Education</i> , 2009 , 86, 598	2.4	3
15	A cyano-bridged dinuclear 4f-3d array. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2002 , 58, m325-6		3
14	Crystal structure and spectroscopy of a new dmg ₂ -bridged dinuclear cobalt(III) compound. <i>Journal of Chemical Crystallography</i> , 2003 , 33, 169-173	0.5	2

13	Reactions of chromium(III) complexes with ferricyanide. Magnetism of $K_2[Cr(salen)(H_2O)][Fe(CN)_6] \cdot H_2O$ and the crystal structure of $[trans-Cr(tn)_2Cl_2]_3[Fe(CN)_6] \cdot 6H_2O$ [salen ²⁻ : N,N'-ethylenebis(salicylideneaminato) dianion, tn = 1,3-diaminopropane]. <i>Transition Metal Chemistry</i> , 2001 , 26, 457-460	2.1	2
12	Pyrimidine-based iron(III) complexes of 2-(pyrimidin-2-ylhydrazonomethyl)-phenol: Synthesis, crystal structure and magnetic properties. <i>Inorganica Chimica Acta</i> , 2018 , 479, 254-260	2.7	1
11	A cyano-bridged binuclear Cu ^{II} complex based on nitroprusside. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003 , 59, m252-m254		1
10	Magneto-optical Properties of Lanthanide(III) Metal-Organic Frameworks Based on an Iridium(III) Metalloligand. <i>Inorganic Chemistry</i> , 2022 , 61, 3097-3102	5.1	1
9	Synthesis, Crystal Structure, and Magnetic Properties of a Mn(III)-radical Complex. <i>Bulletin of the Korean Chemical Society</i> , 2013 , 34, 2195-2198	1.2	1
8	Two new cobalt(II) rhodamine 6G hydrazone complexes: structure, fluorescence and magnetism. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2018 , 74, 1622-1628	0.8	1
7	Novel iron(III) complexes based on 2-hydrazinylpyrimidine derivative: Synthesis, characterization and preliminary evaluation of antitumor activity. <i>Journal of Molecular Structure</i> , 2021 , 1238, 130417	3.4	1
6	A sandwich strand supramolecular complex: aquachloro(nitrilotriacetato- λ^2 -N,O)copper(II) 18-crown-6-ether trihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, m804-m806		0
5	Assembly of Hydrazine-Bridged Cyclic Fe ^{III} ₄ Ln ^{III} ₄ Octanuclear Complexes. <i>Crystal Growth and Design</i> , 2022 , 22, 1263-1269	3.5	0
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