

Masaaki Ohba

List of Publications by Year in descending order

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10,774
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28190

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236
docs citations

236
times ranked

6477
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and magnetism of multi-dimensional cyanide-bridged bimetallic assemblies. <i>Coordination Chemistry Reviews</i> , 2000, 198, 313-328.	9.5	666
2	Bidirectional Chemo-switching of Spin State in a Microporous Framework. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 4767-4771.	7.2	474
3	Promotion of Low-Humidity Proton Conduction by Controlling Hydrophilicity in Layered Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2012, 134, 5472-5475.	6.6	303
4	Oxalate-Bridged Bimetallic Complexes $\{NH(\text{pro})_3\}_3[M\text{Cr}(\text{ox})_3]_3$ (M = Tj, ET, Q, O, O, rg, BT, Overlock, 10 Tf, 50, 63). <i>Journal of the American Chemical Society</i> , 2009, 131, 13516-13522.	6.6	240
5	A Three-Dimensional Ferrimagnet with a High Magnetic Transition Temperature (TC) of 53 K Based on a Chiral Molecule. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 4242-4245.	7.2	226
6	A New Bimetallic Ferromagnet, $[Ni(\text{en})_2]_3[Fe(\text{CN})_6]_2 \cdot 2H_2O$, with a Rare Rope-Ladder Chain Structure. <i>Journal of the American Chemical Society</i> , 1994, 116, 11566-11567.	6.6	220
7	Temperature-controlled hydrothermal synthesis of a 2D ferromagnetic coordination bilayered polymer and a novel 3D network with inorganic $Co_3(OH)_2$ ferrimagnetic chains. <i>Chemical Communications</i> , 2004, , 418-419.	2.2	218
8	A Flexible Coordination Polymer Crystal Providing Reversible Structural and Magnetic Conversions. <i>Journal of the American Chemical Society</i> , 2007, 129, 13706-13712.	6.6	208
9	Proton-Conductive Metal-Organic Frameworks, $\{NR_3\}_3\{CH_2COOH\}_2[M^{a,b,c}(\text{ox})_3]$; Effect of Carboxyl Residue upon Proton Conduction. <i>Journal of the American Chemical Society</i> , 2013, 135, 2256-2262.	6.6	205
10	Structure and Magnetic Properties of a Chiral Two-Dimensional Ferrimagnet with TC of 38 K. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 4810-4813.	7.2	195
11	Bimetallic Magnetic Material $[Ni(\text{diamine})_2]_2[Fe(\text{CN})_6]X$ with Two-Dimensional Network Extended by Fe(III)-CN-Ni(II) Linkages. <i>Journal of the American Chemical Society</i> , 1997, 119, 1011-1019.	6.6	191
12	Precise Control and Consecutive Modulation of Spin Transition Temperature Using Chemical Migration in Porous Coordination Polymers. <i>Journal of the American Chemical Society</i> , 2011, 133, 8600-8605.	6.6	191
13	Size and Surface Effects of Prussian Blue Nanoparticles Protected by Organic Polymers. <i>Inorganic Chemistry</i> , 2004, 43, 7339-7345.	1.9	190
14	Reversible Water-Induced Magnetic and Structural Conversion of a Flexible Microporous Ni(II)Fe(III) Ferromagnet. <i>Journal of the American Chemical Society</i> , 2007, 129, 3496-3497.	6.6	186
15	A Bistable Porous Coordination Polymer with a Bond-switching Mechanism Showing Reversible Structural and Functional Transformations. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8843-8847.	7.2	182
16	Oxidative Addition of Halogens on Open Metal Sites in a Microporous Spin-crossover Coordination Polymer. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 8944-8947.	7.2	164
17	$[Mn(\text{en})]_3[Cr(\text{CN})_6]_2 \cdot 4H_2O$: A Three-Dimensional Dimetallic Ferrimagnet (Tc=69 K) with a Defective Cubane Unit. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 1795-1798.	7.2	156
18	Anthracene array-type porous coordination polymer with host-guest charge transfer interactions in excited states. <i>Chemical Communications</i> , 2007, , 3142.	2.2	150

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19	Heterodinuclear copper(II)-lead(II) and copper(II)-M(II) (M = manganese, iron, cobalt, nickel, copper,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 707 T	1.9	146
20	Chiral Cyanide-Bridged MnII/MnIII Ferrimagnets, [MnII(HL)(H2O)][MnIII(CN)6]·2H2O (L = S-) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 T	6.6	145
21	Stepwise Synthesis and Magnetic Control of Trimetallic Magnets [Co2Ln(L)2(H2O)4][Cr(CN)6]·nH2O (Ln = La, Gd; H2L = 2,6-Di(acetoacetyl)pyridine) with 3-D Pillared-Layer Structure. Journal of the American Chemical Society, 2006, 128, 16426-16427.	6.6	136
22	Oxalate-bridged dinuclear chromium(III)-M(II) (M = copper, nickel, cobalt, iron, manganese) complexes: synthesis, structure, and magnetism. Inorganic Chemistry, 1993, 32, 5385-5390.	1.9	131
23	Dinuclear Nickel(II) Complexes of Phenol-Based "End-Off" Compartmental Ligands and Their Urea Adducts Relevant to the Urease Active Site. Inorganic Chemistry, 1998, 37, 989-996.	1.9	131
24	Structure and Magnetic Properties of One-Dimensional PPh4[Ni(pn)2][M(CN)6]·H2O (M = Fe, Cr, Co) Bimetallic Assemblies. Inorganic Chemistry, 1998, 37, 3349-3354.	1.9	126
25	Fabrication of Two-Dimensional Polymer Arrays: Template Synthesis of Polypyrrole between Redox-Active Coordination Nanoslits. Angewandte Chemie - International Edition, 2008, 47, 9883-9886.	7.2	126
26	A Switchable Molecular Rotator: Neutron Spectroscopy Study on a Polymeric Spin-Crossover Compound. Journal of the American Chemical Society, 2012, 134, 5083-5089.	6.6	118
27	Host-Guest Interaction Modulation in Porous Coordination Polymers for Inverse Selective CO2/C2H2 Separation. Angewandte Chemie - International Edition, 2021, 60, 11688-11694.	7.2	115
28	Dinuclear Nickel(II) Complexes of an Unsymmetric "End-Off" Compartmental Ligand: Conversion of Urea into Cyanate at a Dinuclear Nickel Core. Inorganic Chemistry, 1998, 37, 6281-6287.	1.9	112
29	Enhanced bistability by guest inclusion in Fe(II) spin crossover porous coordination polymers. Chemical Communications, 2012, 48, 4686.	2.2	107
30	Bimetallic Assemblies [Ni(L)2]3[Fe(CN)6]X2 (L = Ethylenediamine, Trimethylenediamine; X = PF6-, ClO4-) with a Three-Dimensional Network Extended through FeII-CNIII Linkages. Inorganic Chemistry, 1998, 37, 842-848.	1.9	106
31	Migratory Transmetalation in Diphenoxo-Bridged CuII/MnII Complexes of a Dinucleating Macrocyclic with N(amine)2O2 and N(imine)2O2 Metal-Binding Sites. Inorganic Chemistry, 1997, 36, 2711-2717.	1.9	101
32	Series of Trinuclear NiII/LnIII/NiII Complexes Derived from 2,6-Di(acetoacetyl)pyridine: Synthesis, Structure, and Magnetism. Inorganic Chemistry, 2007, 46, 3492-3501.	1.9	99
33	Transformation from a 2D Stacked Layer to 3D Interpenetrated Framework by Changing the Spacer Functionality: Synthesis, Structure, Adsorption, and Magnetic Properties. Inorganic Chemistry, 2005, 44, 9225-9231.	1.9	95
34	Pressure Response of Three-Dimensional Cyanide-Bridged Bimetallic Magnets. Journal of the American Chemical Society, 2008, 130, 4475-4484.	6.6	88
35	A two-dimensional bimetallic assembly, [Ni(pn)2]2[Fe(CN)6]ClO4·2H2O, with a square structure. Journal of the Chemical Society Chemical Communications, 1995, , 1545-1546.	2.0	86
36	Synthesis, Structure, and Magnetism of a Novel Alkoxide Bridged Nonacopper(II) (Cu9O12) [3x3] Square Grid Generated by a Strict Self-Assembly Process. Angewandte Chemie - International Edition, 2000, 39, 3114-3117.	7.2	86

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37	A novel high-spin heterometallic Ni ₁₂ K ₄ cluster incorporating large Ni ^{II} azide circles and an in situ cyanomethylated di-2-pyridyl ketone. <i>Chemical Communications</i> , 2005, , 233-235.	2.2	86
38	A Series of Trinuclear Cu ^I Ln ^{III} Cu ^I Complexes Derived from 2,6-Di(acetoacetyl)pyridine: Synthesis, Structure, and Magnetism. <i>Inorganic Chemistry</i> , 2004, 43, 4435-4446.	1.9	85
39	Dicopper(II,II) and dicopper(I,II) complexes of a series of dinucleating macrocycles. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993, , 253-258.	1.1	81
40	Dithiooxalato(dto)-Bridged Bimetallic Assemblies {NPr ₄ [MCr(dto) ₃]} _x (M = Fe, Co, Ni, Zn; NPr ₄ =) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 0</i> Japan, 1994, 67, 2139-2144.	2.0	76
41	Polynuclear Core-Based Nickel 1,4-Cyclohexanedicarboxylate Coordination Polymers as Temperature-Dependent Hydrothermal Reaction Products. <i>Crystal Growth and Design</i> , 2006, 6, 664-668.	1.4	75
42	Sequestering Aromatic Molecules with a Spin-Crossover Fe ^{II} Microporous Coordination Polymer. <i>Chemistry - A European Journal</i> , 2012, 18, 8013-8018.	1.7	74
43	Magnetic characteristics of bimetallic assemblies, [Ni(en) ₂] ₃ [M(CN) ₆] ₂ ·2H ₂ O (en=...=...H ₂ NCH ₂ CH ₂ NH ₂ ;) <i>Tj ETQq1 1 0.7843 14</i> <i>Society Dalton Transactions</i> , 1997, , 1733-1738.	1.1	73
44	Absorption of CO ₂ and CS ₂ into the Hofmann-Type Porous Coordination Polymer: Electrostatic versus Dispersion Interactions. <i>Journal of the American Chemical Society</i> , 2013, 135, 4840-4849.	6.6	72
45	Reversible Chemisorption of Sulfur Dioxide in a Spin Crossover Porous Coordination Polymer. <i>Inorganic Chemistry</i> , 2013, 52, 12777-12783.	1.9	72
46	1-D Cobalt(II) Spin Transition Compound with Strong Interchain Interaction: [Co(pyterpy)Cl ₂] _n ·x. <i>Inorganic Chemistry</i> , 2004, 43, 4124-4126.	1.9	67
47	Synthesis, structure, and magnetic properties of discrete d ⁸ heterodinuclear complexes designed from tetrahedrally distorted [Cu(salabza)] (H ₂ salabza=...=...N,N'-bis(salicylidene)-2-aminobenzylamine) and [Ln(hfac) ₃] (Hhfac=...=...1,1,1,5,5,5-hexafluoroacetylacetone, Ln=...=...Gd or Lu). <i>Dalton Transactions RSC</i> , 2000, , 259-263.		65
48	Diversity in the reactions of unsymmetric dinucleating Schiff base ligands with Cu ^I and Ni ^{II} . <i>Dalton Transactions RSC</i> , 2000, , 1849-1856.	2.3	64
49	Supramolecular control of spin-crossover phenomena in lipophilic Fe(II)-1,2,4-triazole complexes. <i>Journal of Polymer Science Part A</i> , 2006, 44, 5192-5202.	2.5	63
50	Tuning the gate-opening pressure and particle size distribution of the switchable metal-organic framework DUT-8(Ni) by controlled nucleation in a micromixer. <i>Dalton Transactions</i> , 2017, 46, 14002-14011.	1.6	63
51	Di(phenoxo)-bridged Dinuclear Mn ² (II,II) and Mn ² (II,III) Complexes of Macrocyclic Ligands: Structure, Properties, and Catalase-Like Function. <i>Bulletin of the Chemical Society of Japan</i> , 1995, 68, 1105-1114.	2.0	59
52	Unique spin transition and wide thermal hysteresis loop for a cobalt(II) compound with long alkyl chain. <i>Dalton Transactions</i> , 2011, 40, 2167-2169.	1.6	57
53	Diversity in magnetic properties of 3D isomorphous networks of Co(II) and Mn(II) constructed by naphthalene-1,4-dicarboxylate. <i>Chemical Communications</i> , 2005, , 4613.	2.2	56
54	Guest Modulation of Spin-Crossover Transition Temperature in a Porous Iron(II) Metal-Organic Framework: Experimental and Periodic DFT Studies. <i>Chemistry - A European Journal</i> , 2014, 20, 12864-12873.	1.7	55

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55	Structures and Magnetism of Cyanide-Bridged Bimetallic Compounds: Design of Complex-Based Magnetic Materials. <i>Bulletin of the Chemical Society of Japan</i> , 2002, 75, 1191-1203.	2.0	53
56	Structure and magnetism of a trinuclear $\text{Cu}^{\text{II}}\text{Gd}^{\text{III}}\text{Cu}^{\text{II}}$ complex derived from one-pot reaction with 2,6-di(acetoacetyl)pyridine. <i>Inorganic Chemistry Communication</i> , 2003, 6, 15-18.	1.8	51
57	Porous Protein Crystals as Reaction Vessels for Controlling Magnetic Properties of Nanoparticles. <i>Small</i> , 2012, 8, 1314-1319.	5.2	50
58	A Cu(II)-Mediated C^{H} Oxygenation of Sterically Hindered Tripyridine Ligands To Form Triangular $\text{Cu}(\text{II})_3$ Complexes. <i>Inorganic Chemistry</i> , 2000, 39, 226-234.	1.9	49
59	Coordination-Position Isomeric $\text{M}^{\text{II}}\text{Cu}^{\text{II}}$ and $\text{Cu}^{\text{II}}\text{M}^{\text{II}}$ (M = Co, Ni, Zn) Complexes Derived from Macrocyclic Compartmental Ligands. <i>Inorganic Chemistry</i> , 2002, 41, 582-589.	1.9	48
60	Syntheses, structures, and magnetic properties of tetranuclear and complexes with ONO tridentate ligands. <i>Polyhedron</i> , 2005, 24, 2257-2262.	1.0	48
61	Guest-responsive porous magnetic frameworks using polycyanometallates. <i>CrystEngComm</i> , 2010, 12, 159-165.	1.3	48
62	Proton Conduction Study on Water Confined in Channel or Layer Networks of $\text{La}^{\text{III}}\text{M}^{\text{III}}(\text{ox})_3 \cdot 10\text{H}_2\text{O}$ (M = Cr, Co, Ru, La). <i>Inorganic Chemistry</i> , 2015, 54, 8529-8535.	1.9	44
63	Synthesis, Characterization, and Activation of Thermally Stable $\text{H}^{1/4}$ -1,2-Peroxodiiron(III) Complex. <i>Inorganic Chemistry</i> , 2001, 40, 4821-4822.	1.9	43
64	Rational synthesis of a two-dimensional honeycomb structure based on a paramagnetic paddlewheel diruthenium complex. <i>Chemical Communications</i> , 2005, , 865.	2.2	43
65	Dinuclear Zinc Complexes of Phenol-Based C_{60} -Compartmental Ligands: Synthesis, Structures and Phosphatase-Like Activity. <i>Bulletin of the Chemical Society of Japan</i> , 2001, 74, 85-95.	2.0	42
66	Tetranuclear Mixed-Metal $\text{M}^{\text{II}}_2\text{Cu}^{\text{II}}_2$ Complexes Derived from a Phenol-Based Macrocyclic Ligand Having Two N(amine) $_2\text{O}_2$ and Two N(imine) $_2\text{O}_2$ Metal-Binding Sites. <i>Inorganic Chemistry</i> , 2001, 40, 3739-3744.	1.9	41
67	Dinuclear complexes of M^{II} , Co^{II} and Zn^{II} triply bridged by carboxylate groups: structures, properties and catalase-like function. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 4595-4602.	1.1	40
68	Dinuclear and tetranuclear copper(II) complexes with bridging (N=N) diazine ligands: variable magnetic exchange topologies. <i>Dalton Transactions RSC</i> , 2000, , 69-77.	2.3	40
69	Interpenetrated Three-Dimensional $\text{Mn}^{\text{II}}\text{M}^{\text{III}}$ Ferrimagnets, $[\text{Mn}(\text{4dmap})_4]_3[\text{M}(\text{CN})_6]_2 \cdot 10\text{H}_2\text{O}$ (M = Cr, Tj). <i>European Journal of Inorganic Chemistry</i> , 2008, 14, 3481-3489.	1.7	40
70	Modulation of the Interlayer Structures and Magnetic Behavior of 2D Spin-Crossover Coordination Polymers $[\text{Fe}^{\text{II}}(\text{L})_2\text{Pt}^{\text{II}}(\text{CN})_4]$. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 738-744.	1.0	40
71	Hydrothermal synthesis, crystal structure and characterization of a new hexanuclear cobalt(II) complex comprised of octahedral and tetrahedral cobalt ions. <i>Polyhedron</i> , 2003, 22, 1917-1920.	1.0	39
72	Macrocyclic heterodinuclear NiMn and CuMn complexes: crystal structure and electrochemical behaviour. <i>Inorganica Chimica Acta</i> , 1996, 246, 13-21.	1.2	37

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73	Dinuclear CuII/III complexes of a phenol-based macrocycle with N(amine)2O2 and N(imine)2O2 metal-binding sites: the effect of chloride ligation upon the site selectivity of metal ions. <i>Inorganica Chimica Acta</i> , 1998, 283, 72-79.	1.2	37
74	Effect of ring size in macrocyclic dinuclear manganese(II) complexes upon their structure, properties and reactivity towards H2O2. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 1527-1532.	1.1	35
75	Macrocyclic effect upon site-selective CuII/III or III/CuI core formation with unsymmetric phenol-based macrocyclic ligands. <i>Dalton Transactions RSC</i> , 2000, , 3624-3631.	2.3	35
76	Imidazolate-bridged copper(II) complexes with infinite zigzag-chain and tetranuclear structures formed by deprotonation and self-assembly. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993, , 2157-2162.	1.1	34
77	Modulation of Spin-Crossover Behavior in an Elongated and Flexible Hofmann-Type Porous Coordination Polymer. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2013, 23, 104-110.	1.9	33
78	Site Specificity of Metal Ions in Heterodinuclear Complexes Derived from an End-Off-Compartmental Ligand. <i>Inorganic Chemistry</i> , 2002, 41, 4461-4467.	1.9	32
79	Two New Coordination Polymers Based on Hexanuclear Metal Cluster Cores. <i>Chemistry Letters</i> , 2006, 35, 526-527.	0.7	32
80	Structure modulation of manganese coordination polymers consisting of 1,4-naphthalene dicarboxylate and 1,10-phenanthroline. <i>Dalton Transactions</i> , 2014, 43, 8508.	1.6	32
81	Heterodinuclear MII/CuII complexes of a constrained macrocyclic compartmental ligand. EPR studies of spin-coupled MnII/CuII (ST=2) and NiII/CuII (ST=1/2). <i>Inorganica Chimica Acta</i> , 2002, 337, 113-121.	1.2	31
82	The structures and magnetism of trinuclear Ni(II), Co(II) and Mn(II) complexes derived from unsymmetrical compartmental ligands. <i>Inorganica Chimica Acta</i> , 2004, 357, 3648-3656.	1.2	31
83	Metal Organo-Polymeric Framework via [2 + 2] Cycloaddition Reaction: Influence of Hydrogen Bonding on Depolymerization. <i>Crystal Growth and Design</i> , 2019, 19, 1996-2000.	1.4	31
84	Coordination nano-space as stage of hydrogen ortho→para conversion. <i>Royal Society Open Science</i> , 2015, 2, 150006.	1.1	30
85	Lipophilic ruthenium salen complexes: incorporation into liposome bilayers and photoinduced release of nitric oxide. <i>Dalton Transactions</i> , 2015, 44, 14200-14203.	1.6	30
86	Dinuclear nickel(II) complexes of a series of dinucleating macrocycles with similar or dissimilar coordination sites: synthesis, structure and physicochemical property. <i>Inorganica Chimica Acta</i> , 1993, 212, 183-190.	1.2	29
87	The dithiooxalate-bridged complex [Cr(C2O2S2)3(NiL)3][ClO4]3(L = racemic). <i>Journal of the Chemical Society Dalton Transactions</i> , 1993, , 2991-2994.	1.1	29
88	Extended one- and two-dimensional copper(II) complexes with bridging (N→N) diazine ligands: structural and magnetic studies. <i>Dalton Transactions RSC</i> , 2000, , 1751-1757.	2.3	29
89	Novel Cerium(III)→(R)-BNP Complex as a Storable Chiral Lewis Acid Catalyst for the Enantioselective Hetero-Diels→Alder Reaction. <i>Chemistry Letters</i> , 2003, 32, 608-609.	0.7	29
90	Dinuclear CuII/III (M = Co, Ni, Cu or Zn) and CuII/CuI complexes of a phenol-based dinucleating macrocycle with dissimilar N2O2 and N2O2S sites. <i>Journal of the Chemical Society Dalton Transactions</i> , 1995, , 2599-2604.	1.1	28

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91	Three-Dimensional Bimetallic Ferrimagnets [Mn(L)] ₃ [Cr(CN) ₆] ₂ ·nH ₂ O (L=ethylenediamine, n=4;) Tj ETQq1 1 0.784314 rgBT /Overlook Solid State Chemistry, 2001, 159, 328-335.	1.4	28
92	¼-Acetato-di¼-phenolato-metal(II)cobalt(II) (Metal = Fe, Co, Ni, Cu, Zn) Complexes with Low-Spin Co(II): Synthesis, Structures, and Magnetism. Bulletin of the Chemical Society of Japan, 2004, 77, 1343-1351.	2.0	28
93	A Heterodinuclear CoII CuI Complex with Co(salen) in a Macrocyclic Framework. Oxygenation Studies in Comparison with Analogous CuII CuI and CoII PbII Complexes. Inorganic Chemistry, 2000, 39, 4520-4526.	1.9	27
94	Trinuclear CuII MnII CuII complexes of an oxamide/dioxime ligand and extension to a bimetallic magnetic compound. Dalton Transactions RSC, 2001, , 64-70.	2.3	27
95	Template Synthesis of Phenol-based Heterodinucleating Macrocycles with Dissimilar N(amine) ₂ O ₂ and N(imine) ₂ O ₂ Metal-binding Sites. Chemistry Letters, 1996, 25, 601-602.	0.7	26
96	Synthesis and Redox Behavior of Dicobalt Complexes Having Flexible and Rigid Linkers. Bulletin of the Chemical Society of Japan, 2005, 78, 1040-1046.	2.0	26
97	A Bimetallic Magnetic System Exhibiting Reversible Ferromagnetism/Metamagnetism Modulation. Bulletin of the Chemical Society of Japan, 2002, 75, 1693-1698.	2.0	25
98	The Electronic State of Hydrogen in the ½-Phase of the Hydrogen-Storage Material PdH(D): Does a Chemical Bond Between Palladium and Hydrogen Exist?. Angewandte Chemie - International Edition, 2018, 57, 9823-9827.	7.2	25
99	Correlation between Spin-Coupling Constants of Oxalate-bridged Binuclear Cu(II)-Cr(III) Complexes and of Ferromagnetic Phase-Transition Temperature T _{cof} [NBu ₄ [CuCr(ox) ₃] _x . Chemistry Letters, 1991, 20, 1157-1160.	0.7	24
100	Synthesis and Magnetism Of New Bimetallic Assemblies, [Ni(diamine) ₂] ₂ [Fe(CN) ₆] _x , Extended by Fe ^{III} -CN-Ni ^{II} Linkages. Molecular Crystals and Liquid Crystals, 1996, 286, 101-108.	0.3	24
101	Template Synthesis of Macrocyclic Dinuclear CuI Complexes and Conversion into Mononuclear Complexes by Site-Selective Copper Elimination. Bulletin of the Chemical Society of Japan, 2001, 74, 495-503.	2.0	24
102	Theoretical study on high-spin to low-spin transition of {Fe(pyrazine)[Pt(CN) ₄]}: Guest-induced entropy decrease. Chemical Physics Letters, 2011, 511, 399-404.	1.2	24
103	Heterodinuclear MII NiII (M = Co, Ni, Cu, Zn) Complexes of a Macrocyclic Compartmental Ligand. Anomalous EPR of CuI NiII Complex by Coordination of 1-Methylimidazole. Bulletin of the Chemical Society of Japan, 2002, 75, 99-107.	2.0	23
104	FeII PbII and FeIII complexes of macrocyclic compartmental ligands: different cyclization in stepwise template synthesis using FeII/PbII or FeIII/PbII pairs. Journal of the Chemical Society Dalton Transactions, 1999, , 367-372.	1.1	22
105	One-Dimensional 3d-3d-4f Trimetallic Assemblies Consisting of Cu ^{II} ₂ Ln ^{III} Trinuclear Complexes and Hexacyanomethylate. European Journal of Inorganic Chemistry, 2012, 2012, 2784-2791.	1.0	22
106	Luminescent ionic liquid formed from a melted rhenium(IV) cluster. Chemical Communications, 2020, 56, 7957-7960.	2.2	22
107	Synthesis, structures and magnetic properties of trinuclear M(II)A(II)M(II) complexes (M=Cu, Ni, Co;) Tj ETQq1 1 0.784314 rgBT /Overlook 1.0 21	1.0	21
108	Dinuclear Copper(II) Complexes of a Macrocyclic Compartmental Ligand in Two Isomeric Forms. Exogenous Ion Effect upon Ligand Isomerism. Bulletin of the Chemical Society of Japan, 2006, 79, 881-885.	2.0	21

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109	Structure and magnetic properties of new dinuclear copper(II) complexes bridges by chloranilate or bromanilate dianions. <i>Polyhedron</i> , 1994, 13, 933-938.	1.0	19
110	$\frac{1}{4}$ -Hydroxo- $\frac{1}{4}$ -phenolato Dinuclear Zinc(II) and Nickel(II) Complexes Derived from Dinucleating Compartmental Ligands of β -Type: Synthesis, Structures, and Properties. <i>Bulletin of the Chemical Society of Japan</i> , 2005, 78, 851-858.	2.0	19
111	Regulation of a cerium(IV)-driven O ₂ evolution reaction using composites of liposome and lipophilic ruthenium complexes. <i>Dalton Transactions</i> , 2015, 44, 15126-15129.	1.6	19
112	A Novel Discrete d-f Heterobinuclear Complex Designed from Tetrahedrally Distorted [Cu(salabza)](H ₂ salabza: N,N'-Bis(salicylidene)-2-aminobenzylamine) and [Gd(hfac) ₃]. <i>Chemistry Letters</i> , 1998, 27, 911-912.	0.7	18
113	A Three-Dimensional Ferromagnet, [Ni(dipn)] ₃ [Cr(CN) ₆] ₂ ·3H ₂ O (dipn = dipropylene triamine), Based on a Cubic Cr ₈ Ni ₁₂ Unit. <i>Inorganic Chemistry</i> , 2006, 45, 7191-7196.	1.9	18
114	Synthesis and Electrochemical Properties of Tetranuclear Di- $\frac{1}{4}$ -oxo-bis[di- $\frac{1}{4}$ -phenolatodiiron(III)] Complexes. <i>Bulletin of the Chemical Society of Japan</i> , 2007, 80, 1534-1541.	2.0	18
115	Direct Synthesis of Prussian Blue Nanoparticles in Liposomes Incorporating Natural Ion Channels for Cs ⁺ Adsorption and Particle Size Control. <i>Langmuir</i> , 2018, 34, 1666-1672.	1.6	18
116	Responsive Four-Coordinate Iron(II) Nodes in FePd(CN) ₄ . <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19254-19259.	7.2	18
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