

Masaaki Ohba

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236
ext. papers

9,947
ext. citations

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avg, IF

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L-index

#	Paper	IF	Citations
225	Synthesis and magnetism of multi-dimensional cyanide-bridged bimetallic assemblies. <i>Coordination Chemistry Reviews</i> , 2000 , 198, 313-328	23.2	625
224	Bidirectional chemo-switching of spin state in a microporous framework. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 4767-71	16.4	430
223	Promotion of low-humidity proton conduction by controlling hydrophilicity in layered metal-organic frameworks. <i>Journal of the American Chemical Society</i> , 2012 , 134, 5472-5	16.4	259
222	Oxalate-bridged bimetallic complexes {NH(prol)3}[MCr(ox)3] (M = Mn(II), Fe(II), Co(II); NH(prol)3(+) = tri(3-hydroxypropyl)ammonium) exhibiting coexistent ferromagnetism and proton conduction. <i>Journal of the American Chemical Society</i> , 2009 , 131, 13516-22	16.4	215
221	A Three-Dimensional Ferrimagnet with a High Magnetic Transition Temperature (T) of 53 K Based on a Chiral Molecule. <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 4242-4245	16.4	214
220	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 , 418-9	5.8	213
219	A flexible coordination polymer crystal providing reversible structural and magnetic conversions. <i>Journal of the American Chemical Society</i> , 2007 , 129, 13706-12	16.4	199
218	A New Bimetallic Ferromagnet, [Ni(en) ₂] ₃ [Fe(CN) ₆] ₂ ·2H ₂ O, with a Rare Rope-Ladder Chain Structure. <i>Journal of the American Chemical Society</i> , 1994 , 116, 11566-11567	16.4	187
217	Structure and magnetic properties of a chiral two-dimensional ferrimagnet with TC of 38 K. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 4810-3	16.4	184
216	Proton-conductive magnetic metal-organic frameworks, {NR ₃ (CH ₂ COOH)}[M(a)(II)M(b)(III)(ox) ₃]: effect of carboxyl residue upon proton conduction. <i>Journal of the American Chemical Society</i> , 2013 , 135, 2256-62	16.4	181
215	Size and surface effects of prussian blue nanoparticles protected by organic polymers. <i>Inorganic Chemistry</i> , 2004 , 43, 7339-45	5.1	178
214	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, 3496-7	16.4	176
213	A bistable porous coordination polymer with a bond-switching mechanism showing reversible structural and functional transformations. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 8843-7	16.4	172
212	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, 8600-5	16.4	167
211	Bimetallic Magnetic Material [Ni(diamine) ₂] ₂ [Fe(CN) ₆] ₂ 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	16.4	163
210	Oxidative addition of halogens on open metal sites in a microporous spin-crossover coordination polymer. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 8944-7	16.4	151
209	Chiral cyanide-bridged Mn(II)Mn(III) ferrimagnets, [Mn(II)(HL)(H ₂ O)][Mn(III)(CN) ₆] ₂ ·2H ₂ O (L = S- or R-1,2-diaminopropane): syntheses, structures, and magnetic behaviors. <i>Journal of the American Chemical Society</i> , 2007 , 129, 248-9	16.4	142

208	Anthracene array-type porous coordination polymer with host-guest charge transfer interactions in excited states. <i>Chemical Communications</i> , 2007 , 3142-4	5.8	140
207	Stepwise synthesis and magnetic control of trimetallic magnets [Co ₂ Ln(L) ₂ (H ₂ O) ₄][Cr(CN) ₆].nH ₂ O (Ln = La, Gd; H ₂ L = 2,6-Di(acetoacetyl)pyridine) with 3-D pillared-layer structure. <i>Journal of the American Chemical Society</i> , 2006 , 128, 16426-7	16.4	130
206	[Mn(en)] [Cr(CN)] ₂ ·4 H ₂ O: A Three-Dimensional Dimetallic Ferrimagnet (T = 69 K) with a Defective Cubane Unit. <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 1795-1798	16.4	128
205	Heterodinuclear copper(II)-lead(II) and copper(II)-M(II) (M = manganese, iron, cobalt, nickel, copper, zinc) complexes of macrocycles with dissimilar 4- and 5-coordination sites: synthesis, structures, and properties. <i>Inorganic Chemistry</i> , 1993 , 32, 2949-2957	5.1	125
204	Oxalate-bridged dinuclear chromium(III)-M(II) (M = copper, nickel, cobalt, iron, manganese) complexes: synthesis, structure, and magnetism. <i>Inorganic Chemistry</i> , 1993 , 32, 5385-5390	5.1	120
203	Fabrication of two-dimensional polymer arrays: template synthesis of polypyrrole between redox-active coordination nanoslits. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 9883-6	16.4	118
202	Dinuclear Nickel(II) Complexes of Phenol-Based End-Off-Compartmental Ligands and Their Urea Adducts Relevant to the Urease Active Site. <i>Inorganic Chemistry</i> , 1998 , 37, 989-996	5.1	113
201	Structure and Magnetic Properties of One-Dimensional PPh ₄ [Ni(pn) ₂][M(CN) ₆].nH ₂ O (M = Fe, Cr, Co) Bimetallic Assemblies. <i>Inorganic Chemistry</i> , 1998 , 37, 3349-3354	5.1	111
200	Bidirectional Chemo-Switching of Spin State in a Microporous Framework. <i>Angewandte Chemie</i> , 2009 , 121, 4861-4865	3.6	109
199	A switchable molecular rotator: neutron spectroscopy study on a polymeric spin-crossover compound. <i>Journal of the American Chemical Society</i> , 2012 , 134, 5083-9	16.4	103
198	Dinuclear Nickel(II) Complexes of an Unsymmetric End-Off-Compartmental Ligand: Conversion of Urea into Cyanate at a Dinuclear Nickel Core. <i>Inorganic Chemistry</i> , 1998 , 37, 6281-6287	5.1	101
197	Enhanced bistability by guest inclusion in Fe(II) spin crossover porous coordination polymers. <i>Chemical Communications</i> , 2012 , 48, 4686-8	5.8	95
196	Bimetallic Assemblies [Ni(L) ₂] ₃ [Fe(CN) ₆] ₂ (L = Ethylenediamine, Trimethylenediamine; X = PF ₆ ⁻ , ClO ₄ ⁻) with a Three-Dimensional Network Extended through Fe(II)–N–Ni(II) Linkages. <i>Inorganic Chemistry</i> , 1998 , 37, 842-848	5.1	94
195	Series of trinuclear Ni(II)–Ni(II)–Ni(II) complexes derived from 2,6-Di(acetoacetyl)pyridine: synthesis, structure, and magnetism. <i>Inorganic Chemistry</i> , 2007 , 46, 3492-501	5.1	93
194	Transformation from a 2D stacked layer to 3D interpenetrated framework by changing the spacer functionality: synthesis, structure, adsorption, and magnetic properties. <i>Inorganic Chemistry</i> , 2005 , 44, 9225-31	5.1	93
193	Migratory Transmetalation in Diphenoxo-Bridged Cu(II)–M(II) Complexes of a Dinucleating Macrocycle with N(amine)(2)O(2) and N(imine)(2)O(2) Metal-Binding Sites. <i>Inorganic Chemistry</i> , 1997 , 36, 2711-2717	5.1	90
192	A two-dimensional bimetallic assembly, [Ni(pn) ₂] ₂ [Fe(CN) ₆]ClO ₄ ·2H ₂ O, with a square structure. <i>Journal of the Chemical Society Chemical Communications</i> , 1995 , 1545-1546		85
191	A novel high-spin heterometallic Ni ₁₂ K ₄ cluster incorporating large Ni-azide circles and an in situ cyanomethylated di-2-pyridyl ketone. <i>Chemical Communications</i> , 2005 , 233-5	5.8	84

- 190 Pressure response of three-dimensional cyanide-bridged bimetallic magnets. *Journal of the American Chemical Society*, **2008**, 130, 4475-84 16.4 83
- 189 A series of trinuclear Cu(II)Ln(III)Cu(II) complexes derived from 2,6-Di(acetoacetyl)pyridine: synthesis, structure, and magnetism. *Inorganic Chemistry*, **2004**, 43, 4435-46 5.1 81
- 188 Dicopper(II,II) and dicopper(I,II) complexes of a series of dinucleating macrocycles. *Journal of the Chemical Society Dalton Transactions*, **1993**, 253-258 79
- 187 Polynuclear Core-Based Nickel 1,4-Cyclohexanedicarboxylate Coordination Polymers as Temperature-Dependent Hydrothermal Reaction Products. *Crystal Growth and Design*, **2006**, 6, 664-668 3.5 72
- 186 Magnetic characteristics of bimetallic assemblies, $[\text{Ni}(\text{en})_2]_3[\text{M}(\text{CN})_6]_2 \cdot 2\text{H}_2\text{O}$ (en = H₂NCH₂CH₂NH₂; M = Fe, Mn, Cr or Co), with a one-dimensional rope-ladder chain structure. *Journal of the Chemical Society Dalton Transactions*, **1997**, 1733-1738 71
- 185 Dithiooxalato(dto)-Bridged Bimetallic Assemblies $\{\text{NPr}_4[\text{M}(\text{dto})_3]\}_x$ (M = Fe, Co, Ni, Zn; NPr₄= Tetrapropylammonium Ion): New Complex-Based Ferromagnets. *Bulletin of the Chemical Society of Japan*, **1994**, 67, 2139-2144 5.1 68
- 184 Synthesis, Structure, and Magnetism of a Novel Alkoxide Bridged Nonacopper(II) (Cu₉O(12)). *Angewandte Chemie - International Edition*, **2000**, 39, 3114-3117 16.4 67
- 183 Sequestering aromatic molecules with a spin-crossover Fe(II) microporous coordination polymer. *Chemistry - A European Journal*, **2012**, 18, 8013-8 4.8 66
- 182 Absorption of CO₂ and CS₂ into the Hofmann-type porous coordination polymer: electrostatic versus dispersion interactions. *Journal of the American Chemical Society*, **2013**, 135, 4840-9 16.4 63
- 181 Synthesis, structure, and magnetic properties of discrete d⁸ heterodinuclear complexes designed from tetrahedrally distorted $[\text{Cu}(\text{salabza})]$ (H₂salabza = N,N'-bis(salicylidene)-2-aminobenzylamine) and $[\text{Ln}(\text{hfac})_3]$ (Hhfac = 1,1,1,5,5,5-hexafluoroacetylacetone, Ln = Gd or Lu). *Dalton Transactions RSC*, **2000**, 259-263 63
- 180 1-D cobalt(II) spin transition compound with strong interchain interaction: $[\text{Co}(\text{pyterpy})\text{Cl}(2)] \cdot \text{X}$. *Inorganic Chemistry*, **2004**, 43, 4124-6 5.1 62
- 179 Reversible chemisorption of sulfur dioxide in a spin crossover porous coordination polymer. *Inorganic Chemistry*, **2013**, 52, 12777-83 5.1 61
- 178 Diversity in the reactions of unsymmetric dinucleating Schiff base ligands with Cu(I) and Ni(II). *Dalton Transactions RSC*, **2000**, 1849-1856 61
- 177 Supramolecular control of spin-crossover phenomena in lipophilic Fe(II)-1,2,4-triazole complexes. *Journal of Polymer Science Part A*, **2006**, 44, 5192-5202 2.5 57
- 176 Diversity in magnetic properties of 3D isomorphous networks of Co(II) and Mn(II) constructed by naphthalene-1,4-dicarboxylate. *Chemical Communications*, **2005**, 4613-5 5.8 54
- 175 Structures and Magnetism of Cyanide-Bridged Bimetallic Compounds: Design of Complex-Based Magnetic Materials. *Bulletin of the Chemical Society of Japan*, **2002**, 75, 1191-1203 5.1 52
- 174 Di(phenoxo)-bridged Dinuclear Mn₂(II,II) and Mn₂(II,III) Complexes of Macrocyclic Ligands: Structure, Properties, and Catalase-Like Function. *Bulletin of the Chemical Society of Japan*, **1995**, 68, 1105-1114 5.1 52
- 173 Unique spin transition and wide thermal hysteresis loop for a cobalt(II) compound with long alkyl chain. *Dalton Transactions*, **2011**, 40, 2167-9 4.3 48

172	Structure and magnetism of a trinuclear Cu(II) ₃ complex derived from one-pot reaction with 2,6-di(acetoacetyl)pyridine. <i>Inorganic Chemistry Communication</i> , 2003 , 6, 15-18	3.1	48
171	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	4.3	47
170	Porous protein crystals as reaction vessels for controlling magnetic properties of nanoparticles. <i>Small</i> , 2012 , 8, 1314-9	11	47
169	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, 12864-73	4.8	46
168	Coordination-position isomeric M(II)Cu(II) and Cu(II)M(II) (M = Co, Ni, Zn) complexes derived from macrocyclic compartmental ligands. <i>Inorganic Chemistry</i> , 2002 , 41, 582-9	5.1	45
167	A Cu(II)-mediated C-H oxygenation of sterically hindered tripyridine ligands to form triangular Cu(II) ₃ complexes. <i>Inorganic Chemistry</i> , 2000 , 39, 226-34	5.1	45
166	Guest-responsive porous magnetic frameworks using polycyanometallates. <i>CrystEngComm</i> , 2010 , 12, 159-165	3.3	44
165	Rational synthesis of a two-dimensional honeycomb structure based on a paramagnetic paddlewheel diruthenium complex. <i>Chemical Communications</i> , 2005 , 865-7	5.8	42
164	Syntheses, structures, and magnetic properties of tetranuclear and complexes with ONO tridentate ligands. <i>Polyhedron</i> , 2005 , 24, 2257-2262	2.7	42
163	Dinuclear Zinc Complexes of Phenol-Based End-off-Compartmental Ligands: Synthesis, Structures and Phosphatase-Like Activity. <i>Bulletin of the Chemical Society of Japan</i> , 2001 , 74, 85-95	5.1	40
162	Tetranuclear mixed-metal M(II) ₂ Cu(II) ₂ complexes derived from a phenol-based macrocyclic ligand having two N(amine) ₂ O ₂ and two N(imine) ₂ O ₂ metal-binding sites. <i>Inorganic Chemistry</i> , 2001 , 40, 3739-44	5.1	39
161	Synthesis, characterization, and activation of thermally stable μ -1,2-peroxodiiron(III) complex. <i>Inorganic Chemistry</i> , 2001 , 40, 4821-2	5.1	39
160	Interpenetrated three-dimensional Mn(II) ferrimagnets, [Mn(4dmap) ₄] ₃ [M(CN) ₆] ₂ ·10 H ₂ O (M=Cr, Mn): structures, magnetic properties, and pressure-responsive magnetic modulation. <i>Chemistry - A European Journal</i> , 2008 , 14, 3481-9	4.8	37
159	Proton Conduction Study on Water Confined in Channel or Layer Networks of La(III)M(III)(ox) ₃ ·10H ₂ O (M = Cr, Co, Ru, La). <i>Inorganic Chemistry</i> , 2015 , 54, 8529-35	5.1	36
158	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	2.7	36
157	Dinuclear complexes of Mn(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		35
156	A Bistable Porous Coordination Polymer with a Bond-Switching Mechanism Showing Reversible Structural and Functional Transformations. <i>Angewandte Chemie</i> , 2008 , 120, 8975-8979	3.6	35
155	Dinuclear and tetranuclear copper(II) complexes with bridging (N,N') diazine ligands: variable magnetic exchange topologies. <i>Dalton Transactions RSC</i> , 2000 , 69-77		35

154	Host-Guest Interaction Modulation in Porous Coordination Polymers for Inverse Selective CO /C H Separation. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 11688-11694	16.4	35
153	Oxidative Addition of Halogens on Open Metal Sites in a Microporous Spin-Crossover Coordination Polymer. <i>Angewandte Chemie</i> , 2009 , 121, 9106-9109	3.6	34
152	Dinuclear CuII/II 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	2.7	33
151	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		32
150	Macrocyclic effect upon site-selective CuII/II or IIICuII core formation with unsymmetric phenol-based macrocyclic ligands. <i>Dalton Transactions RSC</i> , 2000 , 3624-3631		32
149	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		32
148	Structure modulation of manganese coordination polymers consisting of 1,4-naphthalene dicarboxylate and 1,10-phenanthroline. <i>Dalton Transactions</i> , 2014 , 43, 8508-14	4.3	31
147	Modulation of the Interlayer Structures and Magnetic Behavior of 2D Spin-Crossover Coordination Polymers [FeII(L)2PtII(CN)4]. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 738-744	2.3	31
146	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 ^{3,2}		29
145	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	2.7	29
144	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		29
143	Heterodinuclear IIICuII complexes of a constrained macrocyclic compartmental ligand. EPR studies of spin-coupled MnIIICuII (ST=2) and NiIIICuII (ST=1/2). <i>Inorganica Chimica Acta</i> , 2002 , 337, 113-121	2.7	28
142	Three-Dimensional Bimetallic Ferrimagnets [Mn(L)]3[Cr(CN)6]2·nH2O (L=ethylenediamine, n=4; L=glycine amide, n=2.5) and Relevance to a Prussian Blue Analogue Mn3[Cr(CN)6]2·2H2O. <i>Journal of Solid State Chemistry</i> , 2001 , 159, 328-335	3.3	28
141	Site specificity of metal ions in heterodinuclear complexes derived from an "end-off" compartmental ligand. <i>Inorganic Chemistry</i> , 2002 , 41, 4461-7	5.1	28
140	Macrocyclic heterodinuclear NiMn and CuMn complexes: crystal structure and electrochemical behaviour. <i>Inorganica Chimica Acta</i> , 1996 , 246, 13-21	2.7	28
139	Two New Coordination Polymers Based on Hexanuclear Metal Cluster Cores. <i>Chemistry Letters</i> , 2006 , 35, 526-527	1.7	27
138	Acetato-di-phenolato-metal(II)cobalt(II) (Metal = Fe, Co, Ni, Cu, Zn) Complexes with Low-Spin Co(II): Synthesis, Structures, and Magnetism. <i>Bulletin of the Chemical Society of Japan</i> , 2004 , 77, 1343-1351 ^{5,1}		27
137	Trinuclear CuII/IIICuII complexes of an oxamide/dioxime ligand and extension to a bimetallic magnetic compound. <i>Dalton Transactions RSC</i> , 2001 , 64-70		27

136	Fabrication of Two-Dimensional Polymer Arrays: Template Synthesis of Polypyrrole between Redox-Active Coordination Nanoslits. <i>Angewandte Chemie</i> , 2008 , 120, 10031-10034	3.6	26
135	Dinuclear CuII/M(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		26
134	The dithiooxalate-bridged complex [Cr(C2O2S2)3(NiL)3][ClO4]3(L = racemic 5,5,7,12,12,14-hexamethyl-1,4,8,11-tetraazacyclotetradecane): synthesis, crystal structure and magnetism. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993 , 2991-2994		26
133	Coordination nano-space as stage of hydrogen ortho-para conversion. <i>Royal Society Open Science</i> , 2015 , 2, 150006	3.3	25
132	A Bimetallic Magnetic System Exhibiting Reversible Ferromagnetism/Metamagnetism Modulation. <i>Bulletin of the Chemical Society of Japan</i> , 2002 , 75, 1693-1698	5.1	25
131	Template Synthesis of Phenol-based Heterodinucleating Macrocycles with Dissimilar N(amine)2O2 and N(imine)2O2 Metal-binding Sites. <i>Chemistry Letters</i> , 1996 , 25, 601-602	1.7	25
130	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	2.7	25
129	Lipophilic ruthenium salen complexes: incorporation into liposome bilayers and photoinduced release of nitric oxide. <i>Dalton Transactions</i> , 2015 , 44, 14200-3	4.3	23
128	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	1.7	23
127	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	3.5	23
126	Theoretical study on high-spin to low-spin transition of {Fe(pyrazine)[Pt(CN)4]}: Guest-induced entropy decrease. <i>Chemical Physics Letters</i> , 2011 , 511, 399-404	2.5	22
125	A Heterodinuclear CuII/CuI Complex with Co(salen) in a Macrocyclic Framework. Oxygenation Studies in Comparison with Analogous CuII/CuI and CuIIPbII Complexes. <i>Inorganic Chemistry</i> , 2000 , 39, 4520-4526	5.1	22
124	FelIIPbII and FelIII complexes of macrocyclic compartmental ligands: different cyclization in stepwise template synthesis using FelI/PbII or FelIII/PbII pairs. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999 , 367-372		22
123	Correlation between Spin-Coupling Constants of Oxalate-bridged Binuclear Cu(II)Cr(III) Complexes and of Ferromagnetic Phase-Transition Temperature T _{cof} of {NBu ₄ [CuCr(ox) ₃]} _x . <i>Chemistry Letters</i> , 1991 , 20, 1157-1160	1.7	22
122	One-Dimensional 3d ⁸ d ⁹ f Trimetallic Assemblies Consisting of CuII2LnIII Trinuclear Complexes and Hexacyanomethylate. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 2784-2791	2.3	21
121	Dinuclear Copper(II) Complexes of a Macrocyclic Compartmental Ligand in Two Isomeric Forms. Exogenous Ion Effect upon Ligand Isomerism. <i>Bulletin of the Chemical Society of Japan</i> , 2006 , 79, 881-885	5.1	21
120	Structure and Magnetic Properties of a Chiral Two-Dimensional Ferrimagnet with TC of 38 K. <i>Angewandte Chemie</i> , 2003 , 115, 4958-4961	3.6	21
119	Heterodinuclear MII/NI(III)(M = Co, Ni, Cu, Zn) Complexes of a Macrocyclic Compartmental Ligand. Anomalous EPR of CuIINiIII Complex by Coordination of 1-Methylimidazole. <i>Bulletin of the Chemical Society of Japan</i> , 2002 , 75, 99-107	5.1	20

- 118 Hydroxo-phenolato Dinuclear Zinc(II) and Nickel(II) Complexes Derived from Dinucleating Compartmental Ligands of End-off Type: Synthesis, Structures, and Properties. *Bulletin of the Chemical Society of Japan*, **2005**, 78, 851-858 5.1 19
- 117 Synthesis and Redox Behavior of Dicobalt Complexes Having Flexible and Rigid Linkers. *Bulletin of the Chemical Society of Japan*, **2005**, 78, 1040-1046 5.1 19
- 116 Synthesis, structures and magnetic properties of trinuclear M(II)A(II)M(II) complexes (M=Cu, Ni, Co; A=Pb, Ba) derived from 2,6-bis(acetoacetyl)pyridine. *Polyhedron*, **2005**, 24, 2732-2736 2.7 19
- 115 Template Synthesis of Macrocyclic Dinuclear CuII Complexes and Conversion into Mononuclear Complexes by Site-Selective Copper Elimination. *Bulletin of the Chemical Society of Japan*, **2001**, 74, 495-503 5.1 19
- 114 [Mn(en)]₃[Cr(CN)₆]₂·4 H₂O: ein Dimetall-Ferrimagnet (T_c = 69 K) aus dreidimensional verknüpfte, unvollständige Kubaneinheiten. *Angewandte Chemie*, **1999**, 111, 1911-1914 3.6 19
- 113 Synthesis and Electrochemical Properties of Tetranuclear Di-oxo-bis[di-phenolatodiiiron(III)] Complexes. *Bulletin of the Chemical Society of Japan*, **2007**, 80, 1534-1541 5.1 18
- 112 A three-dimensional ferromagnet, [Ni(dipn)]₃[Cr(CN)₆]₂·3H₂O (dipn = dipropylene triamine), based on a cubic Cr₈Ni₁₂ unit. *Inorganic Chemistry*, **2006**, 45, 7191-6 5.1 18
- 111 Synthesis and Magnetism Of New Bimetallic Assemblies, [Ni(diamine)₂]₂[Fe(CN)₆]X, Extended by FeIII-CN-NiII Linkages. *Molecular Crystals and Liquid Crystals*, **1996**, 286, 101-108 18
- 110 Structure and magnetic properties of new dinuclear copper(II) complexes bridges by chloranilate or bromanilate dianions. *Polyhedron*, **1994**, 13, 933-938 2.7 18
- 109 A Novel Discrete d-f Heterobinuclear Complex Designed from Tetrahedrally Distorted [Cu(salabza)](H₂salabza: N,N'-Bis(salicylidene)-2-aminobenzylamine) and [Gd(hfac)₃]. *Chemistry Letters*, **1998**, 27, 911-912 1.7 17
- 108 Regulation of a cerium(IV)-driven O₂ evolution reaction using composites of liposome and lipophilic ruthenium complexes. *Dalton Transactions*, **2015**, 44, 15126-9 4.3 15
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