

Naohide Matsumoto

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Circular and Chainlike Copper(II)–Lanthanide(III) Complexes Generated by Assembly Reactions of Racemic and Chiral Copper(II) Cross-Linking Ligand Complexes with Ln ^{III} (NO ₃) ₃ ·6H ₂ O (Ln ^{III} = Gd ^{III}), Tj ETQq1 1 0.784314	4.0	21
2	Abrupt Spin Transition and Chiral Hydrogen-Bonded One-Dimensional Structure of Iron(III) Complex [FeIII(Him) ₂ (hapen)]SbF ₆ (Him = imidazole, H ₂ hapen =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 697 Td (N,N'-bis(2-hydroxyacetophenyl)ethane-1,2-diamine), CrystEngComm, 2012, 12, 6377.	2.6	9
3	Scan Rate Dependent Spin Crossover Iron(II) Complex with Two Different Relaxations and Thermal Hysteresis $[Fe^{II}(HL-Pr)_3]Cl \cdot PF_6$ (HL-Pr = 2-Methylimidazol-4-yl-methylideneamino-propyl). Inorganic Syntheses, Structures, and Magnetic Properties of Acetato- and Diphenolato-Bridged 3d–4f Binuclear Complexes $[M(3-MeOsalt)(MeOH)_x(ac)_2Ln(hfac)_2] (M = Zn^{II},)$ Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 452	4.0	26
4	Stepwise Spin Transition and Hysteresis of a Tetrameric Iron(II) Complex, $[Fe^{II}(Tris(2-methylimidazol-4-ylmethylidene)hexylamine)]_4[FeCl_6]PF_6$, Assembled by Imidazole–Chloride Hydrogen Bonds. European Journal of Inorganic Chemistry, 2013, 2013, 927-933.	4.0	106
5	Conglomerate crystallization, chiral recognition and spin-crossover in a host–guest complex consisting of FeIII complexes (host) and [Cr(ox) ₃] ³⁻ (guest). CrystEngComm, 2012, 14, 6377.	2.0	20
6	Enantioselective assembling into tetra- and octanuclear structures by deprotonation of copper(II) complexes of N-[(5-methylimidazol-4-yl)methylidene]-dl-phenylalanine and its l-form ligand. Polyhedron, 2012, 33, 209-217.	2.2	9
7	A linear CuII–GdIII–CuII complex derived from the assembly reaction of [NaCuIIH ₃ Ldpn(meso)] and [GdIII(thd) ₃ (H ₂ O) ₂] (H ₃ L=meso-1,2-diphenyl-1-(2-oxybenzamido)-2-(2-oxy-3-ethoxybenzylideneamino)ethane and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 452	2.2	5
8	Homochiral column structure of rac- and λ -[MIII(tn) ₃]P ₃ O ₉ (M = Co, Cr; tn = 1,3-diaminopropane; P ₃ O ₉ =) Tj ETQq1 1 0.784314	2.8	4
9	Inter- and Intrachain Spin-Transition Processes in One-Dimensional Polynuclear Iron(III) Complexes of N,N' -Ethylenebis(acetylacetonylideneimine) Bridged by 1,3-Bis(4-pyridyl)propane and 1,4-Bis(imidazolyl)butane. European Journal of Inorganic Chemistry, 2009, 2009, 721-726.	2.0	18
10	One-Step and Two-Step Spin-Crossover Iron(II) Complexes of ((2-Methylimidazol-4-yl)methylidene)histamine. Inorganic Chemistry, 2009, 48, 7211-7229.	4.0	75
11	Chiral Ferromagnetic Chain of Copper(II)–Gadolinium(III) Complex. Chemistry Letters, 2009, 38, 762-763.	1.3	8
12	Cobalt(III) Complexes of a Tripodal Ligand Containing Three Imidazole Groups: Properties and Structures of Racemic and Optically Active Species. European Journal of Inorganic Chemistry, 2008, 2008, 1258-1267.	2.0	14
13	Thermal Properties of Monomeric, Dimeric, Trimeric, and Tetrameric Model Compounds for Biodegradable Poly(decamethylene sebacate). Polymer Journal, 2006, 38, 85-87.	2.7	1
14	A Ruthenium(II) Complex with a Tripodal Ligand Containing Three Imidazole Groups. European Journal of Inorganic Chemistry, 2006, 2006, 3236-3243.	2.0	11
15	Metallomesogens with Spin-Transition Phenomena. AIP Conference Proceedings, 2005, , .	0.4	0
16	A Tetranuclear 3d–4f Single Molecule Magnet: $[CuII_3LnIII(hfac)_2]_2$. Journal of the American Chemical Society, 2004, 126, 420-421.	13.7	773
17	Nature of Copper(II)–Lanthanide(III) Magnetic Interactions and Generation of a Large Magnetic Moment with Magnetic Anisotropy of 3d–4f Cyclic Cylindrical Tetranuclear Complexes $[CuII_3LnIII(hfac)_2]_2$, (H ₃ L= 1-(2-Hydroxybenzamido)-2-(2-hydroxy-3-methoxybenzylideneamino)ethane and Hhfac =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	4.0	171

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19	Spontaneous Resolution Induced by Self-Organization of Chiral Self-Complementary Cobalt(III) Complexes with Achiral Tripod-Type Ligands Containing Three Imidazole Groups. <i>Journal of the American Chemical Society</i> , 2002, 124, 629-640.	13.7	179
20	Correlation among Crystal Shape, Absolute Configuration, and Circular Dichroism Spectrum of Enantiomorphs of Tris[2-((2-phenylimidazol-4-yl)methylidene)amino)ethyl]-aminometal(II) Nitrate·Methanol (1/1). <i>Inorganic Chemistry</i> , 2001, 40, 2534-2540.	4.0	34
21	A cyclic tetranuclear Cu ₂ Gd ₂ complex with an S = 8 ground state derived from ferromagnetic spin-coupling between copper(II) and gadolinium(III) ions arrayed alternately. <i>Chemical Communications</i> , 2000, , 2113-2114.	4.1	64
22	Spin-Equilibrium Behavior of Iron(III) Complexes with Various Monodentate Ligands and Bis(2-(2-phenylimidazol-4-yl)methylideneamino)propyl) Methylamine. <i>Molecular Crystals and Liquid Crystals</i> , 2000, 343, 181-186.	0.3	1
23	Calorimetry of Low-Dimensional Magnets. <i>Molecular Crystals and Liquid Crystals</i> , 2000, 342, 185-192.	0.3	6
24	Chiral 1D and 2D Assembly Structures of Self-Complementary Copper(II) Complexes with Imidazole-Containing Ligands. <i>Molecular Crystals and Liquid Crystals</i> , 2000, 342, 177-184.	0.3	3
25	Ferrimagnetic Property of Two-Dimensional Layered Compound K[Mn(3-MeOsalen)] ₂ [Cr(CN) ₆]·H ₂ O. <i>Molecular Crystals and Liquid Crystals</i> , 1999, 335, 303-311.	0.3	10
26	[{Mn(salen)CN} _n]: The First One-Dimensional Chain with Alternating High-Spin and Low-Spin Mn(III) Centers Exhibits Metamagnetism. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 171-173.	13.8	90
27	pH-Dependent Monomer ↔ Oligomer Interconversion of Copper(II) Complexes with N-(2-R-imidazol-4-ylmethylidene)-2-aminoethylpyridine (R = Methyl, Phenyl). <i>Inorganic Chemistry</i> , 1999, 38, 1165-1173.	4.0	138
28	Complexes Derived from the Reaction of Manganese(III) Schiff Base Complexes and Hexacyanoferrate(III): Syntheses, Multidimensional Network Structures, and Magnetic Properties. <i>Journal of the American Chemical Society</i> , 1996, 118, 981-994.	13.7	414
29	Anomalous Magnetic Properties of [K{Mn(3-MeO-salen)} ₂ {Mn(CN) ₆ }]·A Metamagnet Exhibiting a		