

Naohide Matsumoto

List of Publications by Year in descending order

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32
papers

3,253
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430874

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#	ARTICLE	IF	CITATIONS
1	Design of metal-complex magnets. Syntheses and magnetic properties of mixed-metal assemblies $\{NBu_4[MCr(ox)_3]\}_x$ (NBu_4^+ = tetra(n-butyl)ammonium ion; ox^{2-} = oxalate ion; $M = Mn^{2+}, Fe^{2+}, Co^{2+}$.) <i>J. Am. Chem. Soc.</i> 1997, 119, 10784-10788.	13.7	148
2	A Tetranuclear $3d^4f$ Single Molecule Magnet: $[CuIII(L)TbIII(hfac)_2]_2$. <i>Journal of the American Chemical Society</i> , 2004, 126, 420-421.	13.7	773
3	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
4	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
5	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 $[CuII(L)LnIII(hfac)_2]_2$, ($H_3L = 1-(2-Hydroxybenzamido)-2-(2-hydroxy-3-methoxybenzylideneamino)ethane$ and $Hfac =$) <i>J. Am. Chem. Soc.</i> 2007, 129, 10784-10788.	4.0	171
6	pH-Dependent Monomer \leftrightarrow 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
7	Magnetic Properties of a One-Dimensional Ferromagnet Containing a $Mn(III)-NCa-Fe(III)$ Linkage: Synthesis and Crystal Structure of a Chainlike $[Mn(acacen)Fe(CN)_6]_n$ Polyanion. <i>Inorganic Chemistry</i> , 1996, 35, 6004-6008.	4.0	117
8	Syntheses, Structures, and Magnetic Properties of Acetato- and Diphenolato-Bridged $3d^6-4f$ Binuclear Complexes $[M(3-MeOsaltn)(MeOH)_x(ac)_2Ln(hfac)_2]_2$ ($M = Zn^{II}$), <i>J. Am. Chem. Soc.</i> 2000, 122, 10784-10788.	4.0	106
9	Anomalous Magnetic Properties of $[K\{Mn(3-MeO-salen)\}_2\{Mn(CN)_6\}]$. A Metamagnet Exhibiting a		

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19	Cobalt(III) Complexes of a Tripodal Ligand Containing Three Imidazole Groups: Properties and Structures of Racemic and Optically Active Species. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 1258-1267.	2.0	14
20	A Ruthenium(II) Complex with a Tripodal Ligand Containing Three Imidazole Groups. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 3236-3243.	2.0	11
21	Ferrimagnetic Property of Two-Dimensional Layered Compound $K[Mn(3-MeOsalen)]_2[Cr(CN)_6] \cdot 2H_2O$. <i>Molecular Crystals and Liquid Crystals</i> , 1999, 335, 303-311.	0.3	10
22	Conglomerate crystallization, chiral recognition and spin-crossover in a host-guest complex consisting of Fe(III) complexes (host) and $[Cr(ox)_3]^{3-}$ (guest). <i>CrystEngComm</i> , 2012, 14, 6377.	2.6	9
23	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. <i>Polyhedron</i> , 2012, 33, 209-217.	2.2	9
24	Chiral Ferromagnetic Chain of Copper(II)-Gadolinium(III) Complex. <i>Chemistry Letters</i> , 2009, 38, 762-763.	1.3	8
25	Calorimetry of Low-Dimensional Magnets. <i>Molecular Crystals and Liquid Crystals</i> , 2000, 342, 185-192.	0.3	6
26	A linear $CuII-GdIII-CuII-GdIII$ complex derived from the assembly reaction of $[NaCuIIH_3Ldpn(meso)]$ and $[GdIII(thd)_3(H_2O)_2]$ ($H_3L=meso-1,2$ -diphenyl-1-(2-oxybenzamido)-2-(2-oxy-3-ethoxybenzylideneamino)ethane and) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 452</i>	2.2	5
27	Homochiral column structure of rac- and λ - $[MIII(tn)_3]P_3O_9$ ($M = Co, Cr$; $tn = 1,3$ -diaminopropane; $P_3O_9 =$) <i>Tj ETQq1 1 0.784314 rgBT</i>	1.8	4
28	Abrupt Spin Transition and Chiral Hydrogen-Bonded One-Dimensional Structure of Iron(III) Complex $[FeIII(Him)_2(hapen)]SbF_6$ ($Him = imidazole$, $H_2hapen =$) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 377 Td (N,N-ϵ^2-bis(2-hydroxyacetophenyl</i>	2.2	5
29	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
30	Spin-Equilibrium Behavior of Iron(III) Complexes with Various Monodentate Ligands and Bis(<i>N,N</i> - ϵ^2 -3-Methoxysalicylideneaminopropyl) Methylamine. <i>Molecular Crystals and Liquid Crystals</i> , 2000, 343, 181-186.	0.3	1
31	Thermal Properties of Monomeric, Dimeric, Trimeric, and Tetrameric Model Compounds for Biodegradable Poly(decamethylene sebacate). <i>Polymer Journal</i> , 2006, 38, 85-87.	2.7	1
32	Metallomesogens with Spin-Transition Phenomena. <i>AIP Conference Proceedings</i> , 2005, , .	0.4	0