

# Motohiro Nakano

## List of Publications by Citations

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#	Paper	IF	Citations
214	Cobalt single-molecule magnet. <i>Journal of Applied Physics</i> , <b>2002</b> , 91, 7382	2.5	238
213	Single-molecule magnets: a new class of tetranuclear manganese magnets. <i>Inorganic Chemistry</i> , <b>2000</b> , 39, 3615-23	5.1	219
212	Wheel-shaped Er(III) Zn(II) <sub>3</sub> single-molecule magnet: a macrocyclic approach to designing magnetic anisotropy. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 4016-9	16.4	190
211	Mixed-valence tetranuclear manganese single-molecule magnets. <i>Inorganic Chemistry</i> , <b>2001</b> , 40, 4604-16	5.1	183
210	Giant heterometallic Cu(17)Mn(28) cluster with T(d) symmetry and high-spin ground state. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 1014-5	16.4	172
209	Single-molecule magnets of ferrous cubes: structurally controlled magnetic anisotropy. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 8805-12	16.4	170
208	Exchange bias in Ni <sub>4</sub> single-molecule magnets. <i>Polyhedron</i> , <b>2003</b> , 22, 1727-1733	2.7	164
207	Structural design of easy-axis magnetic anisotropy and determination of anisotropic parameters of Ln(III)-Cu(II) single-molecule magnets. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 196-205	4.8	156
206	Multi-path magnetic relaxation of mono-dysprosium(III) single-molecule magnet with extremely high barrier. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 7428-32	4.8	154
205	Calorimetric investigation of phase transitions occurring in molecule-based magnets. <i>Chemical Reviews</i> , <b>2006</b> , 106, 976-1031	68.1	147
204	A single-chain magnet formed by a twisted arrangement of ions with easy-plane magnetic anisotropy. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 10150-1	16.4	141
203	A new class of single-molecule magnets: mixed-valent [Mn <sub>4</sub> (O <sub>2</sub> CMe) <sub>2</sub> (Hpdm) <sub>6</sub> ][ClO <sub>4</sub> ] <sub>2</sub> with an S = 8 ground state. <i>Chemical Communications</i> , <b>1999</b> , 783-784	5.8	131
202	High-spin molecules with magnetic anisotropy toward single-molecule magnets. <i>Chemistry - A European Journal</i> , <b>2005</b> , 11, 5178-85	4.8	128
201	Magnetic relaxation of single-molecule magnets in an external magnetic field: an ising dimer of a terbium(III)-phthalocyaninate triple-decker complex. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 117-22	4.8	122
200	Magnetic anisotropies in paramagnetic polynuclear metal complexes. <i>Chemical Society Reviews</i> , <b>2011</b> , 40, 3239-48	58.5	120
199	Coordination-tuned single-molecule-magnet behavior of Tb(III)-Cu(II) dinuclear systems. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 8604-6	5.1	119
198	A heterometal single-molecule magnet of [Mn(III)Ni(II)Cl <sub>2</sub> (salpa) <sub>2</sub> ]. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 4568-9	16.4	114

197	High-spin wheel of a heptanuclear mixed-valent Fe(II,III) complex. <i>Angewandte Chemie - International Edition</i> , <b>2003</b> , 42, 223-5	16.4	94
196	Antiferromagnetic FeIII <sub>6</sub> ring and single-molecule magnet MnII <sub>3</sub> MnIII <sub>4</sub> wheel. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 1208-10	5.1	92
195	A ferromagnetically coupled Fe <sub>42</sub> cyanide-bridged nanocage. <i>Nature Communications</i> , <b>2015</b> , 6, 5955	17.4	90
194	Crystal design of monometallic single-molecule magnets consisting of cobalt-aminoxyl heterospins. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 3079-94	16.4	88
193	Update 1 of: calorimetric investigation of phase transitions occurring in molecule-based magnets. <i>Chemical Reviews</i> , <b>2013</b> , 113, PR41-122	68.1	85
192	One-dimensional chain of tetranuclear manganese single-molecule magnets. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 3377-9	5.1	84
191	2-D self-assembly of the bis(phthalocyaninato)terbium(III) single-molecule magnet studied by scanning tunnelling microscopy. <i>Chemical Communications</i> , <b>2006</b> , 2866-8	5.8	81
190	Magnetization tunneling in high-symmetry single-molecule magnets: Limitations of the giant spin approximation. <i>Physical Review B</i> , <b>2006</b> , 74,	3.3	80
189	A wheel-shaped single-molecule magnet of [MnII <sub>3</sub> MnIII <sub>4</sub> ]: quantum tunneling of magnetization under static and pulse magnetic fields. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 8445-53	4.8	67
188	Effects of paramagnetic ferrocenium cations on the magnetic properties of the anionic single-molecule magnet [Mn(12)O(12)(O(2)CC(6)F(5))(16)(H(2)O)(4)]-. <i>Inorganic Chemistry</i> , <b>2001</b> , 40, 6469-80	5.1	64
187	Templating odd numbered magnetic rings: oxovanadium heptagons sandwiched by beta-cyclodextrins. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 15100-1	16.4	62
186	A dinuclear MnIII-CuII single-molecule magnet. <i>Chemistry - A European Journal</i> , <b>2005</b> , 11, 843-8	4.8	62
185	Spin canting and metamagnetism in 2D and 3D cobalt(II) coordination networks with alternating double end-on and double end-to-end azido bridges. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 7324-33	5.1	60
184	Mapping the sequential self-assembly of heterometallic clusters: from a helix to a grid. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 4844-8	16.4	60
183	Synthesis and Characterization of Dibenzo[a,f]pentalene: Harmonization of the Antiaromatic and Singlet Biradical Character. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 15284-15287	16.4	57
182	Synthesis and spectroscopic and electrical properties of [W(C <sub>3</sub> S <sub>5</sub> ) <sub>3</sub> ] <sup>2-</sup> and [Mo(C <sub>3</sub> S <sub>5</sub> ) <sub>3</sub> ] <sup>2-</sup> anion complexes and their oxidized species and x-ray crystal structures of [NBun <sub>4</sub> ] <sub>2</sub> [W(C <sub>3</sub> S <sub>5</sub> ) <sub>3</sub> ], [NBun <sub>4</sub> ] <sub>2</sub> [Mo(C <sub>3</sub> S <sub>5</sub> ) <sub>3</sub> ], and [Fe(C <sub>5</sub> Me <sub>5</sub> ) <sub>2</sub> ][W(C <sub>3</sub> S <sub>5</sub> ) <sub>3</sub> ]. <i>Inorganic Chemistry</i> , <b>1993</b> , 32, 5990-5996	5.1	56
181	Linear trinuclear Zn(II)-Ce(III)-Zn(II) complex which behaves as a single-molecule magnet. <i>Dalton Transactions</i> , <b>2013</b> , 42, 2683-6	4.3	55
180	A manganese single-chain magnet exhibits a large magnetic coercivity. <i>Chemical Communications</i> , <b>2010</b> , 46, 5716-8	5.8	54

- 179 A luminescent single-molecule magnet: observation of magnetic anisotropy using emission as a probe. *Dalton Transactions*, **2013**, 42, 1987-90 4.3 53
- 178 Heterometallic cubane single-molecule magnets. *Inorganic Chemistry*, **2007**, 46, 8126-8 5.1 53
- 177 Correlation between slow magnetic relaxation and the coordination structures of a family of linear trinuclear Zn(II)-Ln(III)-Zn(II) complexes (Ln = Tb, Dy, Ho, Er, Tm and Yb). *Dalton Transactions*, **2012**, 41, 13640-8 4.3 52
- 176 Assembling an alkyl rotor to access abrupt and reversible crystalline deformation of a cobalt(II) complex. *Nature Communications*, **2015**, 6, 8810 17.4 51
- 175 Observation of nanostructure by scanning near-field optical microscope with small sphere probe. *Science and Technology of Advanced Materials*, **2007**, 8, 181-185 7.1 51
- 174 Lattice-engineered micromodulation of intramolecular electron-transfer rates in trinuclear mixed-valence iron acetate complexes. *Journal of the American Chemical Society*, **1989**, 111, 173-186 16.4 50
- 173 Nanomodulation of molecular nanomagnets. *Inorganic Chemistry*, **2009**, 48, 3480-92 5.1 49
- 172 Multi-layered flyer accelerated by laser induced shock waves. *Physics of Plasmas*, **2000**, 7, 676-680 2.1 47
- 171 Redox-controlled magnetic {Mn<sub>13</sub>} Keggin systems. *Angewandte Chemie - International Edition*, **2011**, 50, 5716-20 16.4 46
- 170 A [MnIII<sub>3O</sub>]<sup>7+</sup> single-molecule magnet: the anisotropy barrier enhanced by structural distortion. *Inorganic Chemistry*, **2008**, 47, 10184-6 5.1 46
- 169 Structures and properties of assembled oxidized metal complexes with C<sub>8</sub>H<sub>4</sub>S<sub>8</sub> and related sulfur-rich dithiolate ligands. *Coordination Chemistry Reviews*, **2002**, 226, 143-151 23.2 45
- 168 Field-induced spin-crossover transition of [MnIII(taa)] studied under pulsed magnetic fields. *Physical Review B*, **2005**, 72, 3.3 44
- 167 Dielectric behavior of manganese(III) spin-crossover complex [Mn(taa)]. *Physical Review B*, **2002**, 66, 3.3 44
- 166 Magnetic behavior of tetrakis[4-(N-tert-butyl-N-oxylamino)pyridine]bis(isocyanato-N)cobalt(II) in frozen solution. *Chemical Communications*, **2004**, 1750-1 5.8 42
- 165 Cobalt antiferromagnetic ring and grid single-molecule magnet. *Chemistry - an Asian Journal*, **2009**, 4, 1660-3 4.5 41
- 164 Charge-Transfer Phase Transition of a Cyanide-Bridged Fe(II) /Fe(III) Coordination Polymer. *Angewandte Chemie - International Edition*, **2016**, 55, 6047-50 16.4 41
- 163 Particle-size dependence of magnetization relaxation in Mn<sub>12</sub> crystals. *Physical Review B*, **2009**, 79, 3.3 39
- 162 Coexistence of two thermally induced intramolecular electron transfer processes in a series of metal complexes [M(Cat-N-BQ)(Cat-N-SQ)]/[M(Cat-N-BQ)<sub>2</sub>] (M = Co, Fe, and Ni) bearing non-innocent catechol-based ligands: a combined experimental and theoretical study. *Chemistry - A European Journal*, **2010**, 16, 6666-77 4.8 39

161	Construction of a novel topological frustrated system: a frustrated metal cluster in a helical space. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 11139-44	4.8	39
160	Reduction of organic dyes in matrix-assisted laser desorption/ionization and desorption/ionization on porous silicon. <i>Rapid Communications in Mass Spectrometry</i> , <b>2004</b> , 18, 2811-7	2.2	39
159	Wheel-Shaped ErIII ZrIII Single-Molecule Magnet: A Macrocyclic Approach to Designing Magnetic Anisotropy. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 4102-4105	3.6	38
158	Single-molecule-magnet behavior and spin changes affected by crystal packing effects. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 8610-2	5.1	38
157	Extended bisdithiolene metal complexes: preparation and electrical conductivities of [M(C <sub>8</sub> H <sub>4</sub> S <sub>8</sub> ) <sub>2</sub> ] anion complexes (M = Ni(II), Pt(II), Au(III)). <i>Inorganica Chimica Acta</i> , <b>1997</b> , 254, 189-193	2.7	36
156	Heterometallic integer-spin analogues of S = 9/2 Mn <sub>4</sub> cubane single-molecule magnets. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 3188-204	5.1	34
155	A very low-temperature calorimeter with a (3He+4He) dilution refrigerator The heat capacity of trans-bis(ethylenediamine)-bis(isothiocyanato)nickel(II). <i>Journal of Chemical Thermodynamics</i> , <b>1987</b> , 19, 1275-1292	2.9	34
154	Isolation, structure and spectroscopic properties of [Re <sub>2</sub> (C <sub>3</sub> S <sub>5</sub> ) <sub>5</sub> ] <sub>2</sub> complexes and electrical conductivities of their oxidized species. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1996</b> , 1539		32
153	Syntheses, structures, and magnetic properties of manganese-lanthanide hexanuclear complexes. <i>Inorganica Chimica Acta</i> , <b>2008</b> , 361, 4113-4117	2.7	31
152	Observation of Magnetic Transition in Quantum Nanomagnet Mn <sub>4</sub> Br. <i>Journal of the Physical Society of Japan</i> , <b>2002</b> , 71, 414-417	1.5	31
151	Formation of monometallic single-molecule magnets with an S total value of 3/2 in diluted frozen solution. <i>Dalton Transactions</i> , <b>2008</b> , 1418-20	4.3	30
150	X-ray crystal structure and electrical conductivity of [Pt(2,2'-bipyridine)(C <sub>8</sub> H <sub>4</sub> S <sub>8</sub> )] [BF <sub>4</sub> ] [C <sub>8</sub> H <sub>4</sub> S <sub>8</sub> 2B <sub>2</sub> -{(4,5-ethylenedithio)-1,3-dithiole-2-ylidene)-1,3-dithiole-4,5-dithionate(2-)}]. <i>Inorganica Chimica Acta</i> , <b>2002</b> , 336, 120-124	2.7	30
149	Single-chain magnets constructed by using the strict orthogonality of easy-planes: use of structural flexibility to control the magnetic properties. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 8358-70	5.1	29
148	High-Spin Wheel of a Heptanuclear Mixed-Valent FeII,III Complex. <i>Angewandte Chemie</i> , <b>2003</b> , 115, 233-235	5.6	29
147	Oxidation properties of Co(η <sup>5</sup> -C <sub>5</sub> H <sub>5</sub> )(C <sub>8</sub> H <sub>4</sub> S <sub>8</sub> ) and Co(L)(C <sub>3</sub> S <sub>5</sub> ) (L=η <sup>5</sup> -C <sub>5</sub> H <sub>5</sub> and η <sup>5</sup> -C <sub>5</sub> Me <sub>5</sub> ) and crystal structure of Co(η <sup>5</sup> -C <sub>5</sub> Me <sub>5</sub> )(C <sub>3</sub> S <sub>5</sub> )Br. <i>Journal of Organometallic Chemistry</i> , <b>1999</b> , 574, 77-85	2.3	29
146	Contrasting magnetism of [Mn(III)(4)] and [Mn(II)(2)Mn(III)(2)] squares. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 368-70	5.1	28
145	Synthesis and characterization of imidazolate-bridged polynuclear copper complexes. <i>Inorganica Chimica Acta</i> , <b>2007</b> , 360, 3304-3313	2.7	28
144	Preparation and spectroscopic properties of bis(2,2'-bipyridine)-ruthenium(II) complexes and related complexes with sulfur-rich dithiolato ligands and electrical conductivities of their oxidized species. <i>Inorganica Chimica Acta</i> , <b>2000</b> , 299, 112-117	2.7	28

143	Hyperfine structure of magnetic excitations in a Tb-based single-molecule magnet studied by high-resolution neutron spectroscopy. <i>Physical Review B</i> , <b>2013</b> , 88,	3.3	27
142	Synthesis and Electrical Conductivities of Some Metal Complexes with the Extended Dithiolato Ligand Having a C8S8 Skeleton. <i>Molecular Crystals and Liquid Crystals</i> , <b>1996</b> , 284, 301-305		27
141	Dynamic Jahn-Teller Character of Manganese(III) Spin-Crossover Complex [Mn(taa)] (H3taa=tris(1-(2-azoyl)-2-azabutene-4-yl)amine). <i>Advances in Quantum Chemistry</i> , <b>2003</b> , 617-630	1.4	26
140	Properties of Pt(II) complexes containing both a pyridyl N-donor chelate ligand having a long alkyl chain and a sulfur-rich dithiolate ligand and their molecular interactions in the solid state. <i>Inorganica Chimica Acta</i> , <b>1999</b> , 284, 55-60	2.7	26
139	Ferromagnetic interaction and slow magnetic relaxation in a Co <sub>3</sub> cluster-based three-dimensional framework. <i>Dalton Transactions</i> , <b>2014</b> , 43, 47-50	4.3	25
138	Slow magnetic relaxation in an octanuclear manganese chain. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 7617-9	5.1	25
137	Ferromagnetic ordering and simultaneous fast magnetization tunneling in a Ni <sub>4</sub> single-molecule magnet. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 5780-2	5.1	25
136	New Mn <sub>12</sub> clusters with tunable oxidation states via the use of N,N,N',N''-tetrakis(2-hydroxyethyl)ethylenediamine. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 8111-3	5.1	25
135	Slow Magnetization Reversal in [Ni <sub>4</sub> (OMe) <sub>4</sub> (sal) <sub>4</sub> (MeOH) <sub>4</sub> ]. <i>Molecular Crystals and Liquid Crystals</i> , <b>2002</b> , 376, 405-410	0.5	25
134	Water-induced reversible structural phase transformation with chromotropism in metal supramolecular frameworks containing aminopyrazine and sulfate anions. <i>Dalton Transactions</i> , <b>2010</b> , 39, 8161-7	4.3	24
133	A new class of hydroxo-bridged heptacopper(II) clusters with an acentrosymmetric corner-sharing double-cubane framework supported by D-penicillaminedisulfides. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 9512-5	4.8	24
132	Preparation and oxidation of polarized Au(III) complexes having both the C-deprotonated-2-phenylpyridine (ppy) and a sulfur-rich dithiolate ligand and X-ray crystal structure of [Au(μ <sup>2</sup> -C,N-ppy)(μ <sup>2</sup> -S,S-C <sub>8</sub> H <sub>4</sub> S <sub>8</sub> )] <sub>2</sub> ·5DMF. <i>Journal of Organometallic Chemistry</i> , <b>2003</b> , 668, 141-148	2.3	24
131	Slow Magnetic Relaxation in a Mononuclear Ruthenium(III) Complex. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 10028-10033	4.8	23
130	Slow magnetic relaxation of light lanthanide-based linear LnZn <sub>2</sub> trinuclear complexes. <i>Dalton Transactions</i> , <b>2015</b> , 44, 18276-83	4.3	23
129	Preparation and properties of C <sub>8</sub> H <sub>4</sub> S <sub>8</sub> -platinum(II) complexes and electrical conductivities of their oxidized species and X-ray crystal structure of C <sub>8</sub> H <sub>4</sub> S <sub>8</sub> (CH <sub>2</sub> CH <sub>2</sub> CN) <sub>2</sub> as a pro-ligand compound. <i>Inorganica Chimica Acta</i> , <b>1998</b> , 279, 165-171	2.7	23
128	Magnetic Properties of 1:4 Complexes of Co(II) <sub>2</sub> (X = NCO <sup>-</sup> , NCS <sup>-</sup> , and Br <sup>-</sup> ) with 4-(N-tert-Butylaminoxyl)pyridine. Antiferromagnets in Crystalline States and Single-Molecule Magnets in Frozen Solutions. <i>Bulletin of the Chemical Society of Japan</i> , <b>2006</b> , 79, 1372-1382	5.1	23
127	Heat capacity and phase transition of the mixed-valence compound, hexakis(acetato)oxotris(pyridine)triiron chloroform solvate. <i>Inorganic Chemistry</i> , <b>1989</b> , 28, 1067-1073	5.1	23
126	Copper complexes of the non-innocent Ediketimate ligand containing phenol groups. <i>Dalton Transactions</i> , <b>2013</b> , 42, 2438-44	4.3	22



- 125 Structural diversity and magnetic properties in 1D and 2D azido-bridged cobalt(II) complexes with 1,2-bis(2-pyridyl)ethylene. *Dalton Transactions*, **2011**, 40, 1254-60 4.3 22
- 124 Preparation and properties of cyclopentadienyl- and pentamethylcyclopentadienyl-titanium(IV) complexes with the C<sub>8</sub>H<sub>4</sub>S<sub>8</sub> ligand, electrical conductivities of their oxidized species, and X-ray crystal structure of Ti(C<sub>5</sub>Me<sub>5</sub>)<sub>2</sub>(C<sub>8</sub>H<sub>4</sub>S<sub>8</sub>). *Inorganic Chemistry*, **2000**, 39, 4815-20 5.1 22
- 123 Magnetic-field-dependent heat capacity of the single-molecule magnet [Mn(12)O(12)(O(2)CEt)(16)(H(2)O)(3)]. *Inorganic Chemistry*, **2001**, 40, 6632-6 5.1 22
- 122 Subtle effects of solvate molecules on the rate of intramolecular electron transfer of mixed-valence complexes in the solid state. *Inorganic Chemistry*, **1992**, 31, 2265-2271 5.1 22
- 121 Heat capacity study of the abrupt valence-detrapping phase transition of mixed-valence hexakis(acetato)oxotris(pyridine)trimanganese.pyridine. *Inorganic Chemistry*, **1989**, 28, 4608-4614 5.1 22
- 120 Cationic Mn<sub>4</sub> single-molecule magnet with a sterically isolated core. *Inorganic Chemistry*, **2011**, 50, 7367-9.1 21
- 119 Preparation of Pt(II) and Pd(II) complexes coordinated with both a diimine ligand and a sulfur-rich dithiolate ligand and electrical conductivities of their oxidized species and X-ray crystal structure of Pd(N-butyl-pyridine-2-carbaldimine)(C<sub>3</sub>S<sub>5</sub>). *Inorganica Chimica Acta*, **2000**, 311, 6-14 2.7 21
- 118 Properties of Pt(II) complexes with a sulfur-rich dithiolate ligand having alkyl chains and of their oxidized species. The X-ray crystal structure of [NBun<sub>4</sub>]<sub>2</sub>[Pt{C<sub>6</sub>S<sub>8</sub>(C<sub>10</sub>H<sub>21</sub>)<sub>2</sub>}. *Journal of Materials Chemistry*, **1999**, 9, 2413-2417 21
- 117 Singlet fission in pancake-bonded systems. *Physical Chemistry Chemical Physics*, **2017**, 19, 5737-5745 3.6 20
- 116 A new hexaferrocene complex with a [M<sub>3</sub>(μ<sub>3</sub>-O)]<sup>7+</sup> core. *Inorganic Chemistry*, **2006**, 45, 10443-5 5.1 20
- 115 Synthesis, structures and magnetic properties of two hexanuclear complexes. *Polyhedron*, **2009**, 28, 1842-1851 19
- 114 Ferromagnetic and Antiferromagnetic Behavior of 4-Methacryloyloxy- and 4-Acryloyloxy-2,2,6,6-Tetramethylpiperidyl-1-Oxyl. *Molecular Crystals and Liquid Crystals*, **1993**, 232, 53-60 19
- 113 Highly cooperative valence detrapping of mixed-valence manganese complex [Mn<sub>3</sub>O(O<sub>2</sub>CCCH<sub>3</sub>)<sub>6</sub>(py)<sub>3</sub>](py) in the solid state. *Journal of the American Chemical Society*, **1989**, 111, 7778-7784 16.4 19
- 112 Pressure Modulation of Backbone Conformation and Intermolecular Distance of Conjugated Polymers Toward Understanding the Dynamism of Configuration of their Conjugated System. *Journal of Physical Chemistry B*, **2015**, 119, 7219-30 3.4 18
- 111 SMM Behavior Observed in Ce(III)Zn(II)<sub>2</sub> Linear Trinuclear Complex. *Chemistry Letters*, **2013**, 42, 1276-1278 18
- 110 Thermodynamic Activity in Liquid Ga–Sn Alloys Studied by EMF Method. *Materials Transactions, JIM*, **1996**, 37, 988-990 18
- 109 Structural switching from paramagnetic to single-molecule magnet behaviour of LnZn<sub>2</sub> trinuclear complexes. *Dalton Transactions*, **2015**, 44, 18038-48 4.3 17
- 108 Preparation and properties of dinuclear bis[dicarbonyl(cyclopentadienyl)]diron(II) complexes with S<sub>2</sub>S coupled, dimerized sulfur-rich dithiolate ligands. *Journal of Organometallic Chemistry*, **2002**, 645, 94-100 2.3 17

107	Modified Chesnut Model for Spin-Crossover Semiconductors [Fe(acpa) <sub>2</sub> ](TCNQ) n. <i>Molecular Crystals and Liquid Crystals</i> , <b>2002</b> , 379, 365-370	0.5	17
106	Paramagnetic Organocobalt(III) Dithiolate Complex: Crystal Structure and Magnetic Property of [Co(⌢-C5Me5)(C3S5)Br]. <i>Chemistry Letters</i> , <b>1998</b> , 27, 729-730	1.7	17
105	Preparation, spectroscopy and oxidation of [Re(C3S5) <sub>3</sub> ] and [ReO(C3S5) <sub>2</sub> ] complexes and crystal structure of [PPh <sub>4</sub> ][ReO(C3S5) <sub>2</sub> ]. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1993</b> , 2995		17
104	Crystal structures of [Rh(⌢-C5H5)(C3S5)] and [Rh(⌢-C5Me5)(C3S5)] <sub>2</sub> and properties of their oxidized species. <i>Journal of Organometallic Chemistry</i> , <b>2004</b> , 689, 405-410	2.3	16
103	X-ray Crystal Structure and Electrical Conductivity of [Au(ppy)(C8H4S8)] <sub>2</sub> [PF <sub>6</sub> ] [ppy] C-deprotonated 2-phenylpyridine(C <sub>8</sub> H <sub>4</sub> S <sub>8</sub> ) <sub>2</sub> 2-((4,5-ethylenedithio)-1,3-dithiol-2-ylidene)-1,3-dithiole-4,5-dithionate(2)]. <i>European Journal of Inorganic Chemistry</i> , <b>2003</b> , 2003, 4093-4098	2.3	16
102	Controlled crystallization of Mn <sub>12</sub> single-molecule magnets by compressed CO <sub>2</sub> and its influence on the magnetization relaxation. <i>Journal of Materials Chemistry</i> , <b>2006</b> , 16, 2612-2617		15
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99	A crystalline germanium flexible thin-film transistor. <i>Applied Physics Letters</i> , <b>2017</b> , 111, 222105	3.4	14
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97	Crystal structure of [NBun <sub>4</sub> ] <sub>2</sub> [Nb(C3S5) <sub>2</sub> (S <sub>2</sub> ) <sub>2</sub> Nb(C3S5) <sub>2</sub> (C3S5) <sub>2</sub> 4,5-disulfanyl-1,3-dithiole-2-thionate) and dissociation behavior in solution. <i>Inorganica Chimica Acta</i> , <b>1997</b> , 262, 103-107	2.7	14
96	ESR study of spin-crossover complex [MnIII(taa)] using pulsed high magnetic field. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2004</b> , 272-276, 1102-1103	2.8	14
95	Preparation and Oxidation of Pt(II) Complexes Containing Both C-Deprotonated 2-Phenylpyridine (ppy) and a Sulfur-Rich Dithiolate Ligand and X-ray Crystal Structure of [NBun <sub>4</sub> ][Pt(ppy)(C8H4S8)]. <i>Bulletin of the Chemical Society of Japan</i> , <b>2004</b> , 77, 1877-1883	5.1	14
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