

# Motohiro Nakano

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

214  
papers

6,947  
citations

45  
h-index

74  
g-index

231  
ext. papers

7,246  
ext. citations

5.7  
avg, IF

5.51  
L-index

#	Paper	IF	Citations
214	Enhancement of the Magnetoelectric Effect Using the Dynamic Jahn-Teller Effect in a Transition-Metal Complex.. <i>Physical Review Letters</i> , <b>2022</b> , 128, 117601	7.4	1
213	Water-oriented magnetic anisotropy transition. <i>Nature Communications</i> , <b>2021</b> , 12, 2738	17.4	4
212	Dipole fluctuation and structural phase transition in hydrogen-bonding molecular assemblies of mononuclear Cu complexes with polar fluorobenzoate ligands. <i>Dalton Transactions</i> , <b>2021</b> , 50, 13680-13683	4.3	1
211	Dynamics and magnetic properties of NO molecules encapsulated in open-cage fullerene derivatives evidenced by low temperature heat capacity. <i>Physical Chemistry Chemical Physics</i> , <b>2021</b> , 23, 10251-10256	3.6	2
210	Low-Temperature Heat Capacity Anomalies in Ordered and Disordered Phases of Normal and Deuterated Thiophene. <i>Journal of Physical Chemistry Letters</i> , <b>2021</b> , 12, 2112-2117	6.4	1
209	Quenching and Restoration of Orbital Angular Momentum through a Dynamic Bond in a Cobalt(II) Complex. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 11434-11441	16.4	12
208	Coexistence of Spin-Lattice Relaxation and Phonon-Bottleneck Processes in Gd -Phthalocyaninato Triple-Decker Complexes under Highly Diluted Conditions. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 8076-8082	4.8	6
207	Simultaneous Spin-Crossover Transition and Conductivity Switching in a Dinuclear Iron(II) Coordination Compound Based on 7,7,8,8-Tetracyano-p-quinodimethane. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 1278-1285	4.8	5
206	Simultaneous Spin-Crossover Transition and Conductivity Switching in a Dinuclear Iron(II) Coordination Compound Based on 7,7,8,8-Tetracyano-p-quinodimethane. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 1165	4.8	2
205	Solid-State Spin Equilibrium of Ni(cyclam) Complex: Magnetostructural Correlations in Two Polymorphs. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 5418-5423	5.1	4
204	Magnetocapacitance effect and magnetostriction by the field-induced spin-crossover in [MnIII(taa)]. <i>AIP Advances</i> , <b>2019</b> , 9, 085219	1.5	8
203	The thermodynamic properties and molecular dynamics of [Li@C](PF) associated with structural phase transitions. <i>Physical Chemistry Chemical Physics</i> , <b>2019</b> , 21, 16147-16153	3.6	7
202	Rotational Motion and Nuclear Spin Interconversion of HO Encapsulated in C Appearing in the Low-Temperature Heat Capacity. <i>Journal of Physical Chemistry Letters</i> , <b>2019</b> , 10, 1306-1311	6.4	14
201	Counter-Anion-Regulated Mixed-Valency of Cobalt(II/III) Centers in a Metallosupramolecular Framework. <i>Chemistry - an Asian Journal</i> , <b>2019</b> , 14, 4013-4016	4.5	4
200	Versatile coordination architectures of products generated by the in situ reaction of a doubly bis(2-pyridyl)pyrazolate bridged dinuclear copper(II) complex with tetracyanoethylene. <i>CrystEngComm</i> , <b>2019</b> , 21, 1886-1894	3.3	2
199	Temperature dependence of spherical electron transfer in a nanosized [Fe] complex. <i>Nature Communications</i> , <b>2019</b> , 10, 5510	17.4	5
198	Paramagnetism enhancement by in situ electrochemical hole doping into a Prussian Blue thin film. <i>Materials Chemistry Frontiers</i> , <b>2018</b> , 2, 1004-1008	7.8	

197	A Bis(oxido)nickel(III) Complex with a Triplet Ground State. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 7640-7643	16.4	11
196	A Bis(oxido)nickel(III) Complex with a Triplet Ground State. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 7766-7769	3.6	3
195	Unexpected Rise of Glass Transition Temperature of Ice Crystallized from Antifreeze Protein Solution. <i>Journal of Physical Chemistry Letters</i> , <b>2018</b> , 9, 4512-4515	6.4	1
194	Slow Magnetic Relaxation in a Mononuclear Ruthenium(III) Complex. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 10028-10033	4.8	23
193	Tuning of Open-shell Characters of a Terphenoquinone by Introducing a Benzodithiophene Unit. <i>Chemistry Letters</i> , <b>2017</b> , 46, 805-807	1.7	1
192	The synthesis of three new Cu <sub>2</sub> , Cu <sub>3</sub> and Cu <sub>4</sub> clusters via the use of a semi-flexible aminotriazine-based bis-methylpyridine ligand. <i>Dalton Transactions</i> , <b>2017</b> , 46, 1237-1248	4.3	7
191	Singlet fission in pancake-bonded systems. <i>Physical Chemistry Chemical Physics</i> , <b>2017</b> , 19, 5737-5745	3.6	20
190	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
189	Rational design of doubly-bridged chromophores for singlet fission and triplet-triplet annihilation. <i>RSC Advances</i> , <b>2017</b> , 7, 34830-34845	3.7	12
188	A crystalline germanium flexible thin-film transistor. <i>Applied Physics Letters</i> , <b>2017</b> , 111, 222105	3.4	14
187	Studies on the Magnetic Ground State of a Spin Möbius Strip. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 14205-12	4.8	6
186	Charge-Transfer Phase Transition of a Cyanide-Bridged Fe(II)/Fe(III) Coordination Polymer. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 6151-6154	3.6	13
185	Charge-Transfer Phase Transition of a Cyanide-Bridged Fe(II) /Fe(III) Coordination Polymer. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 6047-50	16.4	41
184	Pressure Modulation of Backbone Conformation and Intermolecular Distance of Conjugated Polymers Toward Understanding the Dynamism of Configuration of their Conjugated System. <i>Journal of Physical Chemistry B</i> , <b>2015</b> , 119, 7219-30	3.4	18
183	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
182	Structural switching from paramagnetic to single-molecule magnet behaviour of LnZn <sub>2</sub> trinuclear complexes. <i>Dalton Transactions</i> , <b>2015</b> , 44, 18038-48	4.3	17
181	Assembling an alkyl rotor to access abrupt and reversible crystalline deformation of a cobalt(II) complex. <i>Nature Communications</i> , <b>2015</b> , 6, 8810	17.4	51
180	Third derivative thermodynamic quantities of aqueous tetrahydrofuran at 25 °C. <i>Journal of Molecular Liquids</i> , <b>2015</b> , 202, 40-45	6	7

179	Proton Order-Disorder Phenomena in a Hydrogen-Bonded Rhodium- $\eta$ (5)-Semiquinone Complex: A Possible Dielectric Response Mechanism. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 9682-96	4.8	9
178	A ferromagnetically coupled Fe <sub>42</sub> cyanide-bridged nanocage. <i>Nature Communications</i> , <b>2015</b> , 6, 5955	17.4	90
177	A semi-flexible aminotriazine-based bis-methylpyridine ligand for the design of nickel(II) spin clusters. <i>Dalton Transactions</i> , <b>2014</b> , 43, 3044-7	4.3	5
176	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
175	Three-dimensional surface figure measurement of high-accuracy spherical mirror with nanoprofiler using normal vector tracing method. <i>Review of Scientific Instruments</i> , <b>2014</b> , 85, 045101	1.7	7
174	Magnetic relaxations in a Tb-based single molecule magnet studied by quasielastic neutron scattering. <i>Chemical Physics</i> , <b>2013</b> , 427, 147-152	2.3	5
173	Syntheses, structures, and magnetic properties of discrete cyano-bridged heterodinuclear complexes composed of Mn(III)(salen)-type complex and M(III)(CN) <sub>6</sub> anion (M(III)=Fe, Mn, and Cr). <i>Polyhedron</i> , <b>2013</b> , 64, 346-351	2.7	11
172	A luminescent single-molecule magnet: observation of magnetic anisotropy using emission as a probe. <i>Dalton Transactions</i> , <b>2013</b> , 42, 1987-90	4.3	53
171	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
170	High-Field Optical Spectroscopy of the Spin-Crossover Complex [Mn(III)(taa)]. <i>Journal of Low Temperature Physics</i> , <b>2013</b> , 170, 424-429	1.3	13
169	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
168	Copper complexes of the non-innocent Ediketimate ligand containing phenol groups. <i>Dalton Transactions</i> , <b>2013</b> , 42, 2438-44	4.3	22
167	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
166	SMM Behavior Observed in Ce(III)Zn(II) <sub>2</sub> Linear Trinuclear Complex. <i>Chemistry Letters</i> , <b>2013</b> , 42, 1276-1278	18	
165	Magnetic and spectroscopic characterizations of high-spin cobalt(II) complex with soft-scorpionate ligand. <i>Inorganic Chemistry Communication</i> , <b>2012</b> , 17, 177-179	3.1	10
164	Observation of two types of magnetization relaxation in a weakly correlated antiferromagnetic chain of Mn(III) <sub>2</sub> single-molecule magnets. <i>Dalton Transactions</i> , <b>2012</b> , 41, 13691-6	4.3	6
163	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). <i>Dalton Transactions</i> , <b>2012</b> , 41, 13640-8	4.3	52
162	Magnetic field-induced spin-crossover transition in [Mn(III)(taa)] studied by x-ray absorption spectroscopy. <i>Journal of Applied Physics</i> , <b>2012</b> , 111, 053921	2.5	9

161	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
160	Magnetic anisotropies in paramagnetic polynuclear metal complexes. <i>Chemical Society Reviews</i> , <b>2011</b> , 40, 3239-48	58.5	120
159	Structural diversity and magnetic properties in 1D and 2D azido-bridged cobalt(II) complexes with 1,2-bis(2-pyridyl)ethylene. <i>Dalton Transactions</i> , <b>2011</b> , 40, 1254-60	4.3	22
158	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
157	Cationic Mn <sup>4</sup> single-molecule magnet with a sterically isolated core. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 7367-9.1	9.1	21
156	Phase Transition Behavior of a Manganese(III) Spin-Crossover Complex Examined through Dielectric and Magnetic Responses. <i>Bulletin of Japan Society of Coordination Chemistry</i> , <b>2011</b> , 58, 6-19	0.3	
155	Magnetic properties of cobalt(II/III) complexes with sulfur-scorpionate ligands. <i>Polyhedron</i> , <b>2011</b> , 30, 3182-3185	2.7	6
154	Crystal packing effects within [Mn <sup>III</sup> 3O] <sup>7+</sup> single-molecule magnets: Controlling intermolecular antiferromagnetic interactions. <i>Polyhedron</i> , <b>2011</b> , 30, 3272-3278	2.7	8
153	Mapping the Sequential Self-Assembly of Heterometallic Clusters: From a Helix to a Grid. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 4946-4950	3.6	14
152	Wheel-Shaped Er <sup>III</sup> Zn <sup>II</sup> 3 Single-Molecule Magnet: A Macrocyclic Approach to Designing Magnetic Anisotropy. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 4102-4105	3.6	38
151	Redox-Controlled Magnetic {Mn <sup>13</sup> } Keggin Systems. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 5834-5838	3.6	13
150	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
149	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
148	Redox-controlled magnetic {Mn <sup>13</sup> } Keggin systems. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 5716-20	16.4	46
147	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
146	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
145	Synthesis and characterization of a series of bis(L-tartrate)-bridged dinuclear transition metal complexes with 2,2'-bipyridine. <i>Journal of Coordination Chemistry</i> , <b>2010</b> , 63, 967-976	1.6	8
144	A manganese single-chain magnet exhibits a large magnetic coercivity. <i>Chemical Communications</i> , <b>2010</b> , 46, 5716-8	5.8	54

143	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
142	Slow magnetic relaxation in an octanuclear manganese chain. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 7617-9	5.1	25
141	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
140	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
139	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
138	High frequency ESR measurements on the spin crossover complex [MnIII(taa)]. <i>Journal of Physics: Conference Series</i> , <b>2010</b> , 200, 022025	0.3	4
137	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. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 6666-77	4.8	39
136	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
135	Rod-shaped [Mn <sub>6</sub> ] complexes as single-molecule magnets. <i>Inorganica Chimica Acta</i> , <b>2010</b> , 364, 46-54	2.7	4
134	Particle-size dependence of magnetization relaxation in Mn <sub>12</sub> crystals. <i>Physical Review B</i> , <b>2009</b> , 79,	3.3	39
133	Synthesis, structures and magnetic properties of two hexanuclear complexes. <i>Polyhedron</i> , <b>2009</b> , 28, 1842-1851	19	
132	Magnetostructural examination of Mn(III) complexes [Mn(cyclam)X <sub>2</sub> ] <sup>+</sup> with strong axial ligands. <i>Polyhedron</i> , <b>2009</b> , 28, 2087-2091	2.7	5
131	Cobalt antiferromagnetic ring and grid single-molecule magnet. <i>Chemistry - an Asian Journal</i> , <b>2009</b> , 4, 1660-3	4.5	41
130	Nanomodulation of molecular nanomagnets. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 3480-92	5.1	49
129	Syntheses, structures, and magnetic properties of tetramanganese(III) and hexamanganese(III) complexes containing derivative of biguanidate ligand: ferromagnetic interaction via imino nitrogen. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 11388-93	5.1	11
128	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
127	Formation of monometallic single-molecule magnets with an Stotal value of 3/2 in diluted frozen solution. <i>Dalton Transactions</i> , <b>2008</b> , 1418-20	4.3	30
126	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

125	A [MnIII <sub>3</sub> O] <sup>7+</sup> single-molecule magnet: the anisotropy barrier enhanced by structural distortion. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 10184-6	5.1	46
124	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
123	Coordination-tuned single-molecule-magnet behavior of TbIII-CuII dinuclear systems. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 8604-6	5.1	119
122	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
121	Numerical reconstruction of wavefront in phase-shifting point diffraction interferometer by digital holography. <i>Surface and Interface Analysis</i> , <b>2008</b> , 40, 1028-1032	1.5	4
120	Observation of localized optical near-field generated by submicron two-hole structure for novel SNOM probe. <i>Surface and Interface Analysis</i> , <b>2008</b> , 40, 1054-1058	1.5	2
119	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
118	Spin Canting in a Cobalt(II) Radical Complex with an Acentric Counter Anion. <i>European Journal of Inorganic Chemistry</i> , <b>2008</b> , 2008, 4851-4855	2.3	10
117	Syntheses, structures, and magnetic properties of manganese-lanthanide hexanuclear complexes. <i>Inorganica Chimica Acta</i> , <b>2008</b> , 361, 4113-4117	2.7	31
116	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
115	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
114	Observation of nanostructure by scanning near-field optical microscope with small sphere probe. <i>Science and Technology of Advanced Materials</i> , <b>2007</b> , 8, 181-185	7.1	51
113	Synthesis and characterization of imidazolate-bridged polynuclear copper complexes. <i>Inorganica Chimica Acta</i> , <b>2007</b> , 360, 3304-3313	2.7	28
112	Antiferromagnetic tetranuclear manganese complex: Wheel or dicubane?. <i>Polyhedron</i> , <b>2007</b> , 26, 2200-2206	2.7	11
111	Heterometallic cubane single-molecule magnets. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 8126-8	5.1	53
110	Measurement Accuracy in Phase-Shifting Point Diffraction Interferometer with Two Optical Fibers. <i>Optical Review</i> , <b>2007</b> , 14, 401-405	0.9	7
109	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
108	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

107	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
106	A new hexaferrocene complex with a [M <sub>3</sub> (μ <sub>3</sub> -O)] <sup>7+</sup> core. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 10443-5	5.1	20
105	Calorimetric investigation of phase transitions occurring in molecule-based magnets. <i>Chemical Reviews</i> , <b>2006</b> , 106, 976-1031	68.1	147
104	Magnetic Properties of 1:4 Complexes of CoII <sub>2</sub> (X = NCO, NCS, and Br) 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
103	N-band Hubbard models. III. Boson-Fermion and interaction-Boson models for high-T <sub>c</sub> superconductivity. <i>International Journal of Quantum Chemistry</i> , <b>2006</b> , 106, 1052-1075	2.1	4
102	Monte Carlo wavefunction approach to the dissipative quantum-phase dynamics of two-component Bose-Einstein condensates. <i>European Physical Journal D</i> , <b>2006</b> , 38, 523-532	1.3	1
101	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
100	A heterometal single-molecule magnet of [MnIII <sub>2</sub> NiII <sub>2</sub> 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
99	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
98	One-dimensional chain of tetranuclear manganese single-molecule magnets. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 3377-9	5.1	84
97	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
96	Oxidation of [Ir(Π-C <sub>5</sub> Me <sub>5</sub> )(C <sub>8</sub> H <sub>4</sub> S <sub>8</sub> )] and crystal structures of [Ir(Π-C <sub>5</sub> Me <sub>5</sub> )(C <sub>8</sub> H <sub>4</sub> S <sub>8</sub> )](I <sub>3</sub> ) and [Ir(Π-C <sub>5</sub> Me <sub>5</sub> )(C <sub>8</sub> H <sub>4</sub> S <sub>8</sub> )](I <sub>3</sub> ) <sub>1/2</sub> (I <sub>7</sub> ) <sub>1/2</sub> . <i>Inorganica Chimica Acta</i> , <b>2005</b> , 358, 2082-2088	2.7	4
95	A dinuclear MnIII-CuII single-molecule magnet. <i>Chemistry - A European Journal</i> , <b>2005</b> , 11, 843-8	4.8	62
94	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
93	Field-induced spin-crossover transition of [MnIII(taa)] studied under pulsed magnetic fields. <i>Physical Review B</i> , <b>2005</b> , 72,	3.3	44
92	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
91	Crystal structures of [Rh(Π-C <sub>5</sub> H <sub>5</sub> )(C <sub>3</sub> S <sub>5</sub> )] and [Rh(Π-C <sub>5</sub> Me <sub>5</sub> )(C <sub>3</sub> S <sub>5</sub> )] <sub>2</sub> and properties of their oxidized species. <i>Journal of Organometallic Chemistry</i> , <b>2004</b> , 689, 405-410	2.3	16
90	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

89	Quantum-phase dynamics of molecular systems interacting with a two-mode squeezed vacuum field: Detuning effects. <i>International Journal of Quantum Chemistry</i> , <b>2004</b> , 99, 421-430	2.1	2
88	Properties of Organometallic Sulfur-Rich Dithiolate Complexes [M(L)(C <sub>8</sub> H <sub>4</sub> S <sub>8</sub> )] (M = Rh <sup>III</sup> and Ir <sup>III</sup> ; L = $\Gamma$ -C <sub>5</sub> H <sub>5</sub> and $\Gamma$ -C <sub>5</sub> Me <sub>5</sub> ) and Their Oxidation. <i>European Journal of Inorganic Chemistry</i> , <b>2004</b> , 2004, 2137-2143	2.3	6
87	Structures of sulfur-rich dithiolate-gold(I) complexes and their oxidation. <i>Inorganica Chimica Acta</i> , <b>2004</b> , 357, 3532-3540	2.7	6
86	Oxidation of [Ir( $\Gamma$ -C <sub>5</sub> Me <sub>5</sub> )(C <sub>3</sub> S <sub>5</sub> )] [C <sub>3</sub> S <sub>5</sub> 2 $\Gamma$ 4,5-disulfanyl-1,3-dithiole-2-thionate(2 $\Gamma$ )] and X-ray crystal structure of [IrBr( $\Gamma$ -C <sub>5</sub> Me <sub>5</sub> )( $\Gamma$ -C <sub>2</sub> S <sub>4</sub> )IrBr( $\Gamma$ -C <sub>5</sub> Me <sub>5</sub> )]. <i>Inorganica Chimica Acta</i> , <b>2004</b> , 357, 4373-4378	2.7	11
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84	Magnetic behavior of tetrakis[4-(N-tert-butyl-N-oxylamino)pyridine]bis(isocyanato-N)cobalt(II) in frozen solution. <i>Chemical Communications</i> , <b>2004</b> , 1750-1	5.8	42
83	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)(C <sub>8</sub> H <sub>4</sub> S <sub>8</sub> )]. <i>Bulletin of the Chemical Society of Japan</i> , <b>2004</b> , 77, 1877-1883	5.1	14
82	Simultaneous Measurement of Temperature, Pressure and Shock-Wave Velocity of Compressed Polystyrene. <i>Journal of Plasma and Fusion Research</i> , <b>2004</b> , 80, 476-481		1
81	Studies of Material Responses to Dynamic Compression by Laser-Induced Shock Waves: Simulation of Orbital-Debris Impact Using Laser-Accelerated Flyer. <i>Journal of Plasma and Fusion Research</i> , <b>2004</b> , 80, 464-468		
80	High Field Magnetization and ESR Measurements on a Spin-Crossover Complex. <i>Journal of the Physical Society of Japan</i> , <b>2003</b> , 72, 122-126	1.5	12
79	X-ray Crystal Structure and Electrical Conductivity of [Au(ppy)(C <sub>8</sub> H <sub>4</sub> S <sub>8</sub> )] <sub>2</sub> [PF <sub>6</sub> ] <sub>2</sub> [ppy = C-deprotonated 2-phenylpyridine( $\Gamma$ ) C <sub>8</sub> H <sub>4</sub> S <sub>8</sub> 2 $\Gamma$ -2-((4,5-ethylenedithio)-1,3-dithiol-2-ylidene)-1,3-dithiole-4,5-dithionate(2 $\Gamma$ )]. <i>European Journal of Inorganic Chemistry</i> , <b>2003</b> , 2003, 4093-4098	2.3	16
78	High-Spin Wheel of a Heptanuclear Mixed-Valent Fe <sup>II,III</sup> Complex. <i>Angewandte Chemie</i> , <b>2003</b> , 115, 233-235	3.5	29
77	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
76	Oxidation of cobalt(III) sulfur-rich dithiolate complexes and spectroscopic and electrical properties of the oxidized species. <i>Inorganica Chimica Acta</i> , <b>2003</b> , 346, 43-48	2.7	3
75	Strain energy of phenanthrene. <i>Journal of Chemical Thermodynamics</i> , <b>2003</b> , 35, 1403-1412	2.9	5
74	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( $\Gamma$ -C,N-ppy)( $\Gamma$ -S,S-C <sub>8</sub> H <sub>4</sub> S <sub>8</sub> )] $\Gamma$ .5DMF. <i>Journal of Organometallic Chemistry</i> , <b>2003</b> , 669, 141-148	2.3	24
73	Exchange bias in Ni <sub>4</sub> single-molecule magnets. <i>Polyhedron</i> , <b>2003</b> , 22, 1727-1733	2.7	164
72	Dynamic Jahn-Teller Character of Manganese(III) Spin-Crossover Complex [Mn(taa)] (H <sub>3</sub> taa=tris(1-(2-azolyl)-2-azabuten-4-yl)amine). <i>Advances in Quantum Chemistry</i> , <b>2003</b> , 617-630	1.4	26

71	Heat capacities of quasi-two-dimensional hetero-spin honeycomb magnets $\{\text{NBu}_4[\text{CuIICrIII}(\text{ox})_3]\}_n$ and $\{\text{PPh}_4[\text{MnIICrIII}(\text{ox})_3]\}_n$ (Bu=n-butyl, Ph=phenyl, H2ox=oxalic acid): High-temperature series expansion analysis. <i>Journal of Chemical Physics</i> , <b>2003</b> , 119, 6856-6867	3.9	8
70	Preparation and properties of dinuclear bis[dicarbonyl(cyclopentadienyl)]diiron(II) complexes with S?S coupled, dimerized sulfur-rich dithiolate ligands. <i>Journal of Organometallic Chemistry</i> , <b>2002</b> , 645, 94-100	2.3	17
69	Structures and properties of assembled oxidized metal complexes with C8H4S8 and related sulfur-rich dithiolate ligands. <i>Coordination Chemistry Reviews</i> , <b>2002</b> , 226, 143-151	23.2	45
68	X-ray crystal structure and electrical conductivity of $[\text{Pt}(2,2\text{'-bipyridine})(\text{C}_8\text{H}_4\text{S}_8)][\text{BF}_4]$ $[\text{C}_8\text{H}_4\text{S}_8 \text{ 2E2-}\{(4,5\text{-ethylenedithio)-1,3-dithiole-2-ylidene}\}-1,3\text{-dithiole-4,5-dithionate}(2\text{-})]$ . <i>Inorganica Chimica Acta</i> , <b>2002</b> , 336, 120-124	2.7	30
67	Dielectric behavior of manganese(III) spin-crossover complex $[\text{Mn}(\text{taa})]$ . <i>Physical Review B</i> , <b>2002</b> , 66,	3.3	44
66	Slow Magnetization Reversal in $[\text{Ni}_4(\text{OMe})_4(\text{sal})_4(\text{MeOH})_4]$ . <i>Molecular Crystals and Liquid Crystals</i> , <b>2002</b> , 376, 405-410	0.5	25
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63	Observation of Magnetic Transition in Quantum Nanomagnet $\text{Mn}_4\text{Br}$ . <i>Journal of the Physical Society of Japan</i> , <b>2002</b> , 71, 414-417	1.5	31
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61	Cobalt single-molecule magnet. <i>Journal of Applied Physics</i> , <b>2002</b> , 91, 7382	2.5	238
60	Effects of paramagnetic $[\text{Fe}(\text{C}_5\text{Me}_5)_2]^+$ cation on the anionic single-molecule magnet, $[\text{Mn}_{12}\text{O}_{12}(\text{O}_2\text{CC}_6\text{H}_4\text{F}(\text{o}))_{16}(\text{H}_2\text{O})_4]^-$ . <i>Polyhedron</i> , <b>2001</b> , 20, 1529-1536	2.7	15
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54	Effects of paramagnetic ferrocenium cations on the magnetic properties of the anionic single-molecule magnet $[\text{Mn}_{12}\text{O}_{12}(\text{O}_2\text{CC}_6\text{H}_4\text{F}(\text{o}))_{16}(\text{H}_2\text{O})_4]^-$ . <i>Inorganic Chemistry</i> , <b>2001</b> , 40, 6469-80	5.1	64

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