

# Motohiro Nakano

## List of Publications by Year in descending order

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214  
papers

7,601  
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46918

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231  
docs citations

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times ranked

5076  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cobalt single-molecule magnet. <i>Journal of Applied Physics</i> , 2002, 91, 7382.	1.1	258
2	Single-Molecule Magnets: A New Class of Tetranuclear Manganese Magnets. <i>Inorganic Chemistry</i> , 2000, 39, 3615-3623.	1.9	240
3	Wheel-Shaped $\text{Er}^{\text{III}}\text{Zn}^{\text{II}}_3$ Single-Molecule Magnet: A Macrocyclic Approach to Designing Magnetic Anisotropy. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 4016-4019.	7.2	203
4	Mixed-Valence Tetranuclear Manganese Single-Molecule Magnets. <i>Inorganic Chemistry</i> , 2001, 40, 4604-4616.	1.9	193
5	Giant Heterometallic $\text{Cu}_{17}\text{Mn}_{28}$ Cluster with Td Symmetry and High-Spin Ground State. <i>Journal of the American Chemical Society</i> , 2007, 129, 1014-1015.	6.6	180
6	Single-Molecule Magnets of Ferrous Cubes: A Structurally Controlled Magnetic Anisotropy. <i>Journal of the American Chemical Society</i> , 2004, 126, 8805-8812.	6.6	179
7	Exchange bias in $\text{Ni}_4$ single-molecule magnets. <i>Polyhedron</i> , 2003, 22, 1727-1733.	1.0	171
8	Structural Design of Easy-Axis Magnetic Anisotropy and Determination of Anisotropic Parameters of $\text{Ln}^{\text{III}}\text{Cu}^{\text{II}}$ Single-Molecule Magnets. <i>Chemistry - A European Journal</i> , 2011, 17, 196-205.	1.7	164
9	Multi-Path Magnetic Relaxation of Mono-Dysprosium(III) Single-Molecule Magnet with Extremely High Barrier. <i>Chemistry - A European Journal</i> , 2011, 17, 7428-7432.	1.7	161
10	Calorimetric Investigation of Phase Transitions Occurring in Molecule-Based Magnets. <i>Chemical Reviews</i> , 2006, 106, 976-1031.	23.0	156
11	A Single-Chain Magnet Formed by a Twisted Arrangement of Ions with Easy-Plane Magnetic Anisotropy. <i>Journal of the American Chemical Society</i> , 2005, 127, 10150-10151.	6.6	145
12	High-Spin Molecules with Magnetic Anisotropy toward Single-Molecule Magnets. <i>Chemistry - A European Journal</i> , 2005, 11, 5178-5185.	1.7	138
13	A new class of single-molecule magnets: mixed-valent $[\text{Mn}_4(\text{O}_2\text{CMe})_2(\text{Hpdm})_6][\text{ClO}_4]_2$ with an $S = 8$ ground state. <i>Chemical Communications</i> , 1999, , 783-784.	2.2	137
14	Magnetic anisotropies in paramagnetic polynuclear metal complexes. <i>Chemical Society Reviews</i> , 2011, 40, 3239.	18.7	136
15	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> , 2011, 17, 117-122.	1.7	133
16	Coordination-Tuned Single-Molecule-Magnet Behavior of $\text{Tb}^{\text{III}}\text{Cu}^{\text{II}}$ Dinuclear Systems. <i>Inorganic Chemistry</i> , 2008, 47, 8604-8606.	1.9	121
17	A Heterometal Single-Molecule Magnet of $[\text{Mn}^{\text{III}}\text{Ni}^{\text{II}}_2\text{Cl}_2(\text{salpa})_2]$ . <i>Journal of the American Chemical Society</i> , 2005, 127, 4568-4569.	6.6	118
18	High-Spin Wheel of a Heptanuclear Mixed-Valent Fe,III Complex. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 223-225.	7.2	104

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19	A ferromagnetically coupled Fe <sub>42</sub> cyanide-bridged nanocage. <i>Nature Communications</i> , 2015, 6, 5955.	5.8	104
20	Antiferromagnetic Fe <sub>16</sub> Ring and Single-Molecule Magnet Mn <sub>13</sub> Mn <sub>14</sub> Wheel. <i>Inorganic Chemistry</i> , 2005, 44, 1208-1210.	1.9	94
21	Crystal Design of Monometallic Single-Molecule Magnets Consisting of Cobalt-Aminoxyl Heterospins. <i>Journal of the American Chemical Society</i> , 2008, 130, 3079-3094.	6.6	92
22	Update 1 of: Calorimetric Investigation of Phase Transitions Occurring in Molecule-Based Magnets. <i>Chemical Reviews</i> , 2013, 113, PR41-PR122.	23.0	92
23	2-D Self-assembly of the bis(phthalocyaninato)terbium(III) single-molecule magnet studied by scanning tunnelling microscopy. <i>Chemical Communications</i> , 2006, , 2866-2868.	2.2	86
24	Magnetization tunneling in high-symmetry single-molecule magnets: Limitations of the giant spin approximation. <i>Physical Review B</i> , 2006, 74, .	1.1	86
25	One-Dimensional Chain of Tetranuclear Manganese Single-Molecule Magnets. <i>Inorganic Chemistry</i> , 2005, 44, 3377-3379.	1.9	85
26	Synthesis and Characterization of Dibenzo[ <i>a,f</i> ]pentalene: Harmonization of the Antiaromatic and Singlet Biradical Character. <i>Journal of the American Chemical Society</i> , 2017, 139, 15284-15287.	6.6	78
27	A Wheel-Shaped Single-Molecule Magnet of [Mn <sup>II</sup> <sub>3</sub> Mn <sup>III</sup> <sub>4</sub> ]: Quantum Tunneling of Magnetization under Static and Pulse Magnetic Fields. <i>Chemistry - A European Journal</i> , 2007, 13, 8445-8453.	1.7	70
28	Assembling an alkyl rotor to access abrupt and reversible crystalline deformation of a cobalt(II) complex. <i>Nature Communications</i> , 2015, 6, 8810.	5.8	69
29	Effects of Paramagnetic Ferrocenium Cations on the Magnetic Properties of the Anionic Single-Molecule Magnet [Mn <sub>12</sub> O <sub>12</sub> (O <sub>2</sub> CC <sub>6</sub> F <sub>5</sub> ) <sub>16</sub> (H <sub>2</sub> O) <sub>4</sub> ]. <i>Inorganic Chemistry</i> , 2001, 40, 6469-6480.	1.9	68
30	A Dinuclear Mn <sup>III</sup> -Cu <sup>I</sup> Single-Molecule Magnet. <i>Chemistry - A European Journal</i> , 2005, 11, 843-848.	1.7	68
31	Templating Odd Numbered Magnetic Rings: Oxovanadium Heptagons Sandwiched by $\beta$ -Cyclodextrins. <i>Journal of the American Chemical Society</i> , 2009, 131, 15100-15101.	6.6	68
32	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> , 2011, 50, 7324-7333.	1.9	68
33	Linear trinuclear Zn(II)-Ce(III)-Zn(II) complex which behaves as a single-molecule magnet. <i>Dalton Transactions</i> , 2013, 42, 2683.	1.6	64
34	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> , 1993, 32, 5990-5996.	1.9	63
35	Mapping the Sequential Self-Assembly of Heterometallic Clusters: From a Helix to a Grid. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 4844-4848.	7.2	63
36	A luminescent single-molecule magnet: observation of magnetic anisotropy using emission as a probe. <i>Dalton Transactions</i> , 2013, 42, 1987.	1.6	61

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37	Observation of nanostructure by scanning near-field optical microscope with small sphere probe. <i>Science and Technology of Advanced Materials</i> , 2007, 8, 181-185.	2.8	58
38	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> , 2012, 41, 13640.	1.6	57
39	Lattice-engineered micromodulation of intramolecular electron-transfer rates in trinuclear mixed-valence iron acetate complexes. <i>Journal of the American Chemical Society</i> , 1989, 111, 173-186.	6.6	56
40	Heterometallic Cubane Single-Molecule Magnets. <i>Inorganic Chemistry</i> , 2007, 46, 8126-8128.	1.9	56
41	A manganese single-chain magnet exhibits a large magnetic coercivity. <i>Chemical Communications</i> , 2010, 46, 5716.	2.2	55
42	Charge-Transfer Phase Transition of a Cyanide-Bridged Fe <sup>II</sup> /Fe <sup>III</sup> Coordination Polymer. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 6047-6050.	7.2	55
43	Multi-layered flyer accelerated by laser induced shock waves. <i>Physics of Plasmas</i> , 2000, 7, 676-680.	0.7	54
44	Redox-Controlled Magnetic {Mn <sub>13</sub> } Keggin Systems. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 5716-5720.	7.2	51
45	Dielectric behavior of manganese(III) spin-crossover complex [Mn(taa)]. <i>Physical Review B</i> , 2002, 66, .	1.1	49
46	Nanomodulation of Molecular Nanomagnets. <i>Inorganic Chemistry</i> , 2009, 48, 3480-3492.	1.9	49
47	Field-induced spin-crossover transition of [MnIII(taa)] studied under pulsed magnetic fields. <i>Physical Review B</i> , 2005, 72, .	1.1	48
48	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. <i>Coordination Chemistry Reviews</i> , 2002, 226, 143-151.	9.5	47
49	A [MnIII <sub>3</sub> O] <sub>7</sub> Single-Molecule Magnet: the Anisotropy Barrier Enhanced by Structural Distortion. <i>Inorganic Chemistry</i> , 2008, 47, 10184-10186.	1.9	46
50	Reduction of organic dyes in matrix-assisted laser desorption/ionization and desorption/ionization on porous silicon. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 2811-2817.	0.7	44
51	Magnetic behavior of tetrakis[4-(N-tert-butyl-N-oxylamino)pyridine]bis(isocyanato-N)cobalt(ii) in frozen solution. <i>Chemical Communications</i> , 2004, , 1750-1751.	2.2	43
52	Cobalt Antiferromagnetic Ring and Grid Single-Molecule Magnet. <i>Chemistry - an Asian Journal</i> , 2009, 4, 1660-1663.	1.7	43
53	Construction of a Novel Topological Frustrated System: A Frustrated Metal Cluster in a Helical Space. <i>Chemistry - A European Journal</i> , 2010, 16, 11139-11144.	1.7	43
54	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> , 1997, 254, 189-193.	1.2	42

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55	Particle-size dependence of magnetization relaxation in Mn <sub>12</sub> crystals. <i>Physical Review B</i> , 2009, 79, .	1.1	42
56	Coexistence of Two Thermally Induced Intramolecular Electron Transfer Processes in a Series of Metal Complexes [M(Catâ€Nâ€BQ)(Catâ€Nâ€SQ)]/[M(Catâ€Nâ€BQ) <sub>2</sub> ] (M=Co, Fe, and Ni) bearing Nonâ€Innocent Catecholâ€Based Ligands: A Combined Experimental and Theoretical Study. <i>Chemistry - A European Journal</i> , 2010, 16, 6666-6677.	1.7	42
57	Single-Molecule-Magnet Behavior and Spin Changes Affected by Crystal Packing Effects. <i>Inorganic Chemistry</i> , 2008, 47, 8610-8612.	1.9	39
58	High-Spin Wheel of a Heptanuclear Mixed-Valent Fe <sub>II</sub> ,III Complex. <i>Angewandte Chemie</i> , 2003, 115, 233-235.	1.6	36
59	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> , 1987, 19, 1275-1292.	1.0	35
60	Heterometallic Integer-Spin Analogues of S = 9/2 Mn <sub>4</sub> Cubane Single-Molecule Magnets. <i>Inorganic Chemistry</i> , 2008, 47, 3188-3204.	1.9	35
61	Observation of Magnetic Transition in Quantum Nanomagnet Mn <sub>4</sub> Br. <i>Journal of the Physical Society of Japan</i> , 2002, 71, 414-417.	0.7	33
62	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> , 1996, , 1539.	1.1	32
63	Preparation and spectroscopic properties of bis(2,2â€-bipyridine)-ruthenium(II) complexes and related complexes with sulfur-rich dithiolato ligands and electrical conductivities of their oxidized species. <i>Inorganica Chimica Acta</i> , 2000, 299, 112-117.	1.2	32
64	X-ray crystal structure and electrical conductivity of [Pt(2,2â€-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> 2âˆ-2-[(4,5-ethylenedithio)-1,3-dithiole-2-ylidene]-1,3-dithiole-4,5-dithionate(2-)]. <i>Inorganica Chimica Acta</i> , 2002, 336, 120-124.	1.2	31
65	Syntheses, structures, and magnetic properties of manganeseâ€lanthanide hexanuclear complexes. <i>Inorganica Chimica Acta</i> , 2008, 361, 4113-4117.	1.2	31
66	Formation of monometallic single-molecule magnets with an S <sub>total</sub> value of 3/2 in diluted frozen solution. <i>Dalton Transactions</i> , 2008, , 1418.	1.6	31
67	Slow Magnetic Relaxation in a Mononuclear Ruthenium(III) Complex. <i>Chemistry - A European Journal</i> , 2017, 23, 10028-10033.	1.7	31
68	Synthesis and Electrical Conductivities of Some Metal Complexes with the Extended Dithiolato Ligand Having a C <sub>8</sub> S <sub>8</sub> Skeleton. <i>Molecular Crystals and Liquid Crystals</i> , 1996, 284, 301-305.	0.3	30
69	Contrasting Magnetism of [Mn <sup>IV</sup> ] <sub>4</sub> and [Mn <sup>II</sup> ] <sub>2</sub> Mn <sup>III</sup> ] <sub>2</sub> Squares. <i>Inorganic Chemistry</i> , 2010, 49, 368-370.	1.9	30
70	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> , 2010, 49, 8358-8370.	1.9	30
71	Oxidation properties of Co(Î-5-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=Î-5-C <sub>5</sub> H <sub>5</sub> and Î-5-C <sub>5</sub> Me <sub>5</sub> ) and crystal structure of Co(Î-5-C <sub>5</sub> Me <sub>5</sub> )(C <sub>3</sub> S <sub>5</sub> )Br. <i>Journal of Organometallic Chemistry</i> , 1999, 574, 77-85.	0.8	29
72	Heat capacity and phase transition of the mixed-valence compound, hexakis(acetato)oxotris(pyridine)triiron chloroform solvate. <i>Inorganic Chemistry</i> , 1989, 28, 1067-1073.	1.9	28

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73	Properties of Pt(II) complexes containing both a pyridyl N <sup>−</sup> 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> , 1999, 284, 55-60.	1.2	28
74	Synthesis and characterization of imidazolate-bridged polynuclear copper complexes. <i>Inorganica Chimica Acta</i> , 2007, 360, 3304-3313.	1.2	28
75	A New Class of Hydroxo-bridged Heptacopper(II) Clusters with an Acentrosymmetric Corner-sharing Double-cubane Framework Supported by $\text{D}^{\text{penicillaminedisulfides}}$ . <i>Chemistry - A European Journal</i> , 2008, 14, 9512-9515.	1.7	28
76	Quenching and Restoration of Orbital Angular Momentum through a Dynamic Bond in a Cobalt(II) Complex. <i>Journal of the American Chemical Society</i> , 2020, 142, 11434-11441.	6.6	28
77	Dynamic Jahn-Teller Character of Manganese(III) Spin-Crossover Complex [Mn(taa)] (H <sub>3</sub> taa=tris(1-(2-azoly)-2-azabuten-4-yl)amine). <i>Advances in Quantum Chemistry</i> , 2003, , 617-630.	0.4	27
78	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> , 2007, 46, 8111-8113.	1.9	27
79	Ferromagnetic Ordering and Simultaneous Fast Magnetization Tunneling in a Ni <sub>4</sub> Single-Molecule Magnet. <i>Inorganic Chemistry</i> , 2010, 49, 5780-5782.	1.9	27
80	Hyperfine structure of magnetic excitations in a Tb-based single-molecule magnet studied by high-resolution neutron spectroscopy. <i>Physical Review B</i> , 2013, 88, .	1.1	27
81	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> , 1998, 279, 165-171.	1.2	26
82	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( <i>i</i> -2-C,N-ppy)( <i>i</i> -2-S,S-C <sub>8</sub> H <sub>4</sub> S <sub>8</sub> )]A·0.5DMF. <i>Journal of Organometallic Chemistry</i> , 2003, 669, 141-148.	0.8	26
83	Subtle effects of solvate molecules on the rate of intramolecular electron transfer of mixed-valence complexes in the solid state. <i>Inorganic Chemistry</i> , 1992, 31, 2265-2271.	1.9	25
84	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> , 2002, 376, 405-410.	0.4	25
85	Slow Magnetic Relaxation in an Octanuclear Manganese Chain. <i>Inorganic Chemistry</i> , 2010, 49, 7617-7619.	1.9	25
86	Water-induced reversible structural phase transformation with chromotropism in metal supramolecular frameworks containing aminopyrazine and sulfate anions. <i>Dalton Transactions</i> , 2010, 39, 8161.	1.6	25
87	Ferromagnetic interaction and slow magnetic relaxation in a Co <sub>3</sub> cluster-based three-dimensional framework. <i>Dalton Transactions</i> , 2014, 43, 47-50.	1.6	25
88	Slow magnetic relaxation of light lanthanide-based linear LnZn <sub>2</sub> trinuclear complexes. <i>Dalton Transactions</i> , 2015, 44, 18276-18283.	1.6	25
89	Singlet fission in pancake-bonded systems. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 5737-5745.	1.3	25
90	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> ). <i>Inorganic Chemistry</i> , 2000, 39, 4815-4820.	1.9	24

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91	A New Hexaferrocene Complex with a $[M_3(\mu_3-O)]_7+$ Core. <i>Inorganic Chemistry</i> , 2006, 45, 10443-10445.	1.9	24
92	Copper complexes of the non-innocent $\mu_2$ -diketiminato ligand containing phenol groups. <i>Dalton Transactions</i> , 2013, 42, 2438-2444.	1.6	24
93	Structural switching from paramagnetic to single-molecule magnet behaviour of $LnZn_2$ trinuclear complexes. <i>Dalton Transactions</i> , 2015, 44, 18038-18048.	1.6	24
94	Magnetic-Field-Dependent Heat Capacity of the Single-Molecule Magnet $[Mn_{12}O_{12}(O_2CEt)_{16}(H_2O)_3]^\#$ . <i>Inorganic Chemistry</i> , 2001, 40, 6632-6636.	1.9	23
95	Magnetic Properties of 1:4 Complexes of $CoII_X_2$ ( $X = NCO^{\sim}$ , $NCS^{\sim}$ , and $Br^{\sim}$ ) with 4-(N-tert-Butylaminoxyl)pyridine. <i>Antiferromagnets in Crystalline States and Single-Molecule Magnets in Frozen Solutions</i> . <i>Bulletin of the Chemical Society of Japan</i> , 2006, 79, 1372-1382.	2.0	23
96	Structural diversity and magnetic properties in 1D and 2D azido-bridged cobalt( $\mu_2$ ) complexes with 1,2-bis(2-pyridyl)ethylene. <i>Dalton Transactions</i> , 2011, 40, 1254-1260.	1.6	23
97	Heat capacity study of the abrupt valence-detrapping phase transition of mixed-valence hexakis(acetato)oxotris(pyridine)trimanganese(pyridine). <i>Inorganic Chemistry</i> , 1989, 28, 4608-4614.	1.9	22
98	Highly cooperative valence detrapping of mixed-valence manganese complex $[Mn_3O(O_2CCH_3)_6(py)_3](py)$ in the solid state. <i>Journal of the American Chemical Society</i> , 1989, 111, 7778-7784.	6.6	22
99	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)(C3S5). <i>Inorganica Chimica Acta</i> , 2000, 311, 6-14.	1.2	22
100	Cationic $Mn_4$ Single-Molecule Magnet with a Sterically Isolated Core. <i>Inorganic Chemistry</i> , 2011, 50, 7367-7369.	1.9	22
101	Pressure Modulation of Backbone Conformation and Intermolecular Distance of Conjugated Polymers Toward Understanding the Dynamism of $\pi$ -Figuration of their Conjugated System. <i>Journal of Physical Chemistry B</i> , 2015, 119, 7219-7230.	1.2	22
102	Thermodynamic Activity in Liquid Ga-Sn Alloys Studied by EMF Method. <i>Materials Transactions, JIM</i> , 1996, 37, 988-990.	0.9	21
103	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 $[NBu_4]_2[Pt\{C_6S_8(C_{10}H_{21})_2\}]$ . <i>Journal of Materials Chemistry</i> , 1999, 9, 2413-2417.	6.7	21
104	SMM Behavior Observed in $Ce(III)Zn(II)_2$ Linear Trinuclear Complex. <i>Chemistry Letters</i> , 2013, 42, 1276-1278.	0.7	21
105	Ferromagnetic and Antiferromagnetic Behavior of 4-Methacryloyloxy- and 4-Acryloyloxy-2,2,6,6-Tetramethylpiperidyl-1-Oxyl. <i>Molecular Crystals and Liquid Crystals</i> , 1993, 232, 53-60.	0.3	20
106	Synthesis, structures and magnetic properties of two hexanuclear complexes. <i>Polyhedron</i> , 2009, 28, 1842-1851.	1.0	20
107	A crystalline germanium flexible thin-film transistor. <i>Applied Physics Letters</i> , 2017, 111, .	1.5	20
108	Rotational Motion and Nuclear Spin Interconversion of $H_2O$ Encapsulated in $C_{60}$ Appearing in the Low-Temperature Heat Capacity. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 1306-1311.	2.1	20

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109	Modified Chesnut Model for Spin-Crossover Semiconductors [Fe(acpa) <sub>2</sub> ](TCNQ) n. Molecular Crystals and Liquid Crystals, 2002, 379, 365-370.	0.4	19
110	Paramagnetic Organocobalt(III) Dithiolate Complex: Crystal Structure and Magnetic Property of [Co(ĭ-5-C5Me5)(C3S5)Br]. Chemistry Letters, 1998, 27, 729-730.	0.7	18
111	Preparation and properties of dinuclear bis[dicarbonyl(cyclopentadienyl)]diiron(II) complexes with Si–S coupled, dimerized sulfur-rich dithiolate ligands. Journal of Organometallic Chemistry, 2002, 645, 94-100.	0.8	18
112	Preparation, spectroscopy and oxidation of [Re(C3S5)3] <sup>+</sup> and [ReO(C3S5)2] <sup>+</sup> complexes and crystal structure of [PPh <sub>4</sub> ][ReO(C3S5)2]. Journal of the Chemical Society Dalton Transactions, 1993, , 2995.	1.1	17
113	Effects of paramagnetic [Fe(C5Me5)2] <sup>+</sup> cation on the anionic single-molecule magnet, [Mn12O12(O2CC6H4F(-o))16(H2O)4] <sup>4-</sup> . Polyhedron, 2001, 20, 1529-1536.	1.0	17
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