Motohiro Nakano

List of Publications by Year
in descending order

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214 papers	7,601 citations	47006 47 h-index	69250 77 g-index
231 all docs	231 docs citations	231 times ranked	5076 citing authors

#	Article	IF	Citations
1	Cobalt single-molecule magnet. Journal of Applied Physics, 2002, 91, 7382.	2.5	258
2	Single-Molecule Magnets:â€‰ A New Class of Tetranuclear Manganese Magnets. Inorganic Chemistry, 2000, 39, 3615-3623.	4.0	240
3	Wheelâ€Shaped Er^{III}Zn^{II}₃ Singleâ€Molecule Magnet: A Macrocyclic Approach to Designing Magnetic Anisotropy. Angewandte Chemie - International Edition, 2011, 50, 4016-4019.	13.8	203
4	Mixed-Valence Tetranuclear Manganese Single-Molecule Magnets. Inorganic Chemistry, 2001, 40, 4604-4616.	4.0	193
5	Giant Heterometallic Cu17Mn28Cluster withTdSymmetry and High-Spin Ground State. Journal of the American Chemical Society, 2007, 129, 1014-1015.	13.7	180
6	Single-Molecule Magnets of Ferrous Cubes:Â Structurally Controlled Magnetic Anisotropy. Journal of the American Chemical Society, 2004, 126, 8805-8812.	13.7	179
7	Exchange bias in Ni 4 single-molecule magnets. Polyhedron, 2003, 22, 1727-1733.	2.2	171
8	Structural Design of Easyâ€Axis Magnetic Anisotropy and Determination of Anisotropic Parameters of Ln^{III}ï£¿Cu^{II} Singleâ€Molecule Magnets. Chemistry - A European Journal, 2011, 17, 196-205.	3.3	164
9	Multiâ€Path Magnetic Relaxation of Monoâ€Dysprosium(III) Singleâ€Molecule Magnet with Extremely High Barrier. Chemistry - A European Journal, 2011, 17, 7428-7432.	3.3	161
10	Calorimetric Investigation of Phase Transitions Occurring in Molecule-Based Magnetsâ€. Chemical Reviews, 2006, 106, 976-1031.	47.7	156
11	A Single-Chain Magnet Formed by a Twisted Arrangement of Ions with Easy-Plane Magnetic Anisotropy. Journal of the American Chemical Society, 2005, 127, 10150-10151.	13.7	145
12	High-Spin Molecules with Magnetic Anisotropy toward Single-Molecule Magnets. Chemistry - A European Journal, 2005, 11, 5178-5185.	3.3	138
13	A new class of single-molecule magnets: mixed-valent [Mn4(O2CMe)2(Hpdm)6][ClO4]2 with an S = 8 ground state. Chemical Communications, 1999, , 783-784.	4.1	137
14	Magnetic anisotropies in paramagnetic polynuclear metal complexes. Chemical Society Reviews, 2011, 40, 3239.	38.1	136
15	Magnetic Relaxation of Singleâ€Molecule Magnets in an External Magnetic Field: An Ising Dimer of a Terbium(III)â€“Phthalocyaninate Tripleâ€Decker Complex. Chemistry - A European Journal, 2011, 17, 117-122.	3.3	133
16	Coordination-Tuned Single-Molecule-Magnet Behavior of TbIIIâ^'CuII Dinuclear Systems. Inorganic Chemistry, 2008, 47, 8604-8606.	4.0	121
17	A Heterometal Single-Molecule Magnet of [MnIII2NiII2Cl2(salpa)2]. Journal of the American Chemical Society, 2005, 127, 4568-4569.	13.7	118
18	High-Spin Wheel of a Heptanuclear Mixed-Valent FeII,III Complex. Angewandte Chemie - International Edition, 2003, 42, 223-225.	13.8	104

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19	A ferromagnetically coupled Fe42 cyanide-bridged nanocage. Nature Communications, 2015, 6, 5955.	12.8	104
20	Antiferromagnetic FeIII6Ring and Single-Molecule Magnet MnII3MnIII4Wheel. Inorganic Chemistry, 2005, 44, 1208-1210.	4.0	94
21	Crystal Design of Monometallic Single-Molecule Magnets Consisting of Cobalt-Aminoxyl Heterospins. Journal of the American Chemical Society, 2008, 130, 3079-3094.	13.7	92
22	Update 1 of: Calorimetric Investigation of Phase Transitions Occurring in Molecule-Based Magnets. Chemical Reviews, 2013, 113, PR41-PR122.	47.7	92
23	2-D Self-assembly of the bis(phthalocyaninato)terbium(iii) single-molecule magnet studied by scanning tunnelling microscopy. Chemical Communications, 2006, , 2866-2868.	4.1	86
24	Magnetization tunneling in high-symmetry single-molecule magnets: Limitations of the giant spin approximation. Physical Review B, 2006, 74, .	3.2	86
25	One-Dimensional Chain of Tetranuclear Manganese Single-Molecule Magnets. Inorganic Chemistry, 2005, 44, 3377-3379.	4.0	85
26	Synthesis and Characterization of Dibenzo[a,f]pentalene: Harmonization of the Antiaromatic and Singlet Biradical Character. Journal of the American Chemical Society, 2017, 139, 15284-15287.	13.7	78
27	A Wheelâ€Shaped Singleâ€Molecule Magnet of [Mn^{II}₃Mn^{III}₄]: Quantum Tunneling of Magnetization under Static and Pulse Magnetic Fields. Chemistry - A European Journal, 2007, 13, 8445-8453.	3.3	70
28	Assembling an alkyl rotor to access abrupt and reversible crystalline deformation of a cobalt(II) complex. Nature Communications, 2015, 6, 8810.	12.8	69
29	Effects of Paramagnetic Ferrocenium Cations on the Magnetic Properties of the Anionic Single-Molecule Magnet [Mn12O12(O2CC6F5)16(H2O)4]-. Inorganic Chemistry, 2001, 40, 6469-6480.	4.0	68
30	A Dinuclear MnIII-CuII Single-Molecule Magnet. Chemistry - A European Journal, 2005, 11, 843-848.	3.3	68
31	Templating Odd Numbered Magnetic Rings: Oxovanadium Heptagons Sandwiched by Î²-Cyclodextrins. Journal of the American Chemical Society, 2009, 131, 15100-15101.	13.7	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. Inorganic Chemistry, 2011, 50, 7324-7333.	4.0	68
33	Linear trinuclear Zn(ii)â€“Ce(iii)â€“Zn(ii) complex which behaves as a single-molecule magnet. Dalton Transactions, 2013, 42, 2683.	3.3	64
34	Synthesis and spectroscopic and electrical properties of [W(C3S5)3]2- and [Mo(C3S5)3]2- anion complexes and their oxidized species and x-ray crystal structures of [NBun4]2[W(C3S5)3], [NBun4]2[Mo(C3S5)3], and [Fe(C5Me5)2][W(C3S5)3]. Inorganic Chemistry, 1993, 32, 5990-5996.	4.0	63
35	Mapping the Sequential Selfâ€Assembly of Heterometallic Clusters: From a Helix to a Grid. Angewandte Chemie - International Edition, 2011, 50, 4844-4848.	13.8	63
36	A luminescent single-molecule magnet: observation of magnetic anisotropy using emission as a probe. Dalton Transactions, 2013, 42, 1987.	3.3	61

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37	Observation of nanostructure by scanning near-field optical microscope with small sphere probe. Science and Technology of Advanced Materials, 2007, 8, 181-185.	6.1	58
38	Correlation between slow magnetic relaxation and the coordination structures of a family of linear trinuclear Zn(ii)â€“Ln(iii)â€“Zn(ii) complexes (Ln = Tb, Dy, Ho, Er, Tm and Yb). Dalton Transactions, 2012, 41, 13640.	3.3	57
39	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.	13.7	56
40	Heterometallic Cubane Single-Molecule Magnets. Inorganic Chemistry, 2007, 46, 8126-8128.	4.0	56
41	A manganese single-chain magnet exhibits a large magnetic coercivity. Chemical Communications, 2010, 46, 5716.	4.1	55
42	Chargeâ€Transfer Phase Transition of a Cyanideâ€Bridged Fe^{II}/Fe^{III} Coordination Polymer. Angewandte Chemie - International Edition, 2016, 55, 6047-6050.	13.8	55
43	Multi-layered flyer accelerated by laser induced shock waves. Physics of Plasmas, 2000, 7, 676-680.	1.9	54
44	Redoxâ€Controlled Magnetic {Mn₁₃} Keggin Systems. Angewandte Chemie - International Edition, 2011, 50, 5716-5720.	13.8	51
45	Dielectric behavior of manganese(III) spin-crossover complex [Mn(taa)]. Physical Review B, 2002, 66, .	3.2	49
46	Nanomodulation of Molecular Nanomagnets. Inorganic Chemistry, 2009, 48, 3480-3492.	4.0	49
47	Field-induced spin-crossover transition of[MnIII(taa)]studied under pulsed magnetic fields. Physical Review B, 2005, 72, .	3.2	48
48	Structures and properties of assembled oxidized metal complexes with C8H4S8 and related sulfur-rich dithiolate ligands. Coordination Chemistry Reviews, 2002, 226, 143-151.	18.8	47
49	A [MnIII3O]7+Single-Molecule Magnet: the Anisotropy Barrier Enhanced by Structural Distortion. Inorganic Chemistry, 2008, 47, 10184-10186.	4.0	46
50	Reduction of organic dyes in matrix-assisted laser desorption/ionization and desorption/ionization on porous silicon. Rapid Communications in Mass Spectrometry, 2004, 18, 2811-2817.	1.5	44
51	Magnetic behavior of tetrakis[4-(N-tert-butyl-N-oxylamino)pyridine]bis(isocyanato-N)cobalt(ii) in frozen solution. Chemical Communications, 2004, , 1750-1751.	4.1	43
52	Cobalt Antiferromagnetic Ring and Grid Singleâ€Molecule Magnet. Chemistry - an Asian Journal, 2009, 4, 1660-1663.	3.3	43
53	Construction of a Novel Topological Frustrated System: A Frustrated Metal Cluster in a Helical Space. Chemistry - A European Journal, 2010, 16, 11139-11144.	3.3	43
54	Extended bisdithiolene metal complexes: preparation and electrical conductivities of [M(C8H4S8)2] anion complexes (M = Ni(II), Pt(II), Au(III)). Inorganica Chimica Acta, 1997, 254, 189-193.	2.4	42

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55	Particle-size dependence of magnetization relaxation inMn12crystals. Physical Review B, 2009, 79, .	3.2	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)₂] (M=Co, Fe, and Ni) bearing Nonâ€Innocent Catecholâ€Based Ligands: A Combined Experimental and Theoretical Study. Chemistry - A European Journal, 2010, 16, 6666-6677.	3.3	42
57	Single-Molecule-Magnet Behavior and Spin Changes Affected by Crystal Packing Effects. Inorganic Chemistry, 2008, 47, 8610-8612.	4.0	39
58	High-Spin Wheel of a Heptanuclear Mixed-Valent FeII,III Complex. Angewandte Chemie, 2003, 115, 233-235.	2.0	36
59	A very low-temperature calorimeter with a (3He+4He) dilution refrigerator The heat capacity of trans-bis(ethylenediamine)-bis(isothiocyanato)nickel(II). Journal of Chemical Thermodynamics, 1987, 19, 1275-1292.	2.0	35
60	Heterometallic Integer-Spin Analogues of S = 9/2 Mn4 Cubane Single-Molecule Magnets. Inorganic Chemistry, 2008, 47, 3188-3204.	4.0	35
61	Observation of Magnetic Transition in Quantum Nanomagnet Mn4Br. Journal of the Physical Society of Japan, 2002, 71, 414-417.	1.6	33
62	Isolation, structure and spectroscopic properties of [Re2(C3S5)5]2? complexes and electrical conductivities of their oxidized species. Journal of the Chemical Society Dalton Transactions, 1996, , 1539.	1.1	32
63	Preparation and spectroscopic properties of bis(2,2â€²-bipyridine)-ruthenium(II) complexes and related complexes with sulfur-rich dithiolato ligands and electrical conductivities of their oxidized species. Inorganica Chimica Acta, 2000, 299, 112-117.	2.4	32
64	X-ray crystal structure and electrical conductivity of [Pt(2,2â€²-bipyridine)(C8H4S8)][BF4] [C8H4S82â^'=2-{(4,5-ethylenedithio)-1,3-dithiole-2-ylidene}-1,3-dithiole-4,5-dithionate(2-)]. Inorganica Chimica Acta, 2002, 336, 120-124.	2.4	31
65	Syntheses, structures, and magnetic properties of manganeseâ€“lanthanide hexanuclear complexes. Inorganica Chimica Acta, 2008, 361, 4113-4117.	2.4	31
66	Formation of monometallic single-molecule magnets with an Stotal value of 3/2 in diluted frozen solution. Dalton Transactions, 2008, , 1418.	3.3	31
67	Slow Magnetic Relaxation in a Mononuclear Ruthenium(III) Complex. Chemistry - A European Journal, 2017, 23, 10028-10033.	3.3	31
68	Synthesis and Electrical Conductivities of Some Metal Complexes with the Extended Dithiolato Ligand Having a C₈S₈ Skeleton. Molecular Crystals and Liquid Crystals, 1996, 284, 301-305.	0.3	30
69	Contrasting Magnetism of [Mn^{III}₄] and [Mn^{II}₂Mn^{III}₂] Squares. Inorganic Chemistry, 2010, 49, 368-370.	4.0	30
70	Single-Chain Magnets Constructed by Using the Strict Orthogonality of Easy-Planes: Use of Structural Flexibility to Control the Magnetic Properties. Inorganic Chemistry, 2010, 49, 8358-8370.	4.0	30
71	Oxidation properties of Co(Î·5-C5H5)(C8H4S8) and Co(L)(C3S5) (L=Î·5-C5H5 and Î·5-C5Me5) and crystal structure of Co(Î·5-C5Me5)(C3S5)Br. Journal of Organometallic Chemistry, 1999, 574, 77-85.	1.8	29
72	Heat capacity and phase transition of the mixed-valence compound, hexakis(acetato)oxotris(pyridine)triiron chloroform solvate. Inorganic Chemistry, 1989, 28, 1067-1073.	4.0	28

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73	Properties of Pt(II) complexes containing both a pyridyl Nâ€“N chelate ligand having a long alkyl chain and a sulfur-rich dithiolate ligand and their molecular interactions in the solid state. Inorganica Chimica Acta, 1999, 284, 55-60.	2.4	28
74	Synthesis and characterization of imidazolate-bridged polynuclear copper complexes. Inorganica Chimica Acta, 2007, 360, 3304-3313.	2.4	28
75	A New Class of Hydroxoâ€Bridged Heptacopper(II) Clusters with an Acentrosymmetric Cornerâ€Sharing Doubleâ€Cubane Framework Supported by <scp>D</scp>â€Penicillaminedisulfides. Chemistry - A European Journal, 2008, 14, 9512-9515.	3.3	28
76	Quenching and Restoration of Orbital Angular Momentum through a Dynamic Bond in a Cobalt(II) Complex. Journal of the American Chemical Society, 2020, 142, 11434-11441.	13.7	28
77	Dynamic Jahnâ€“Teller Character of Manganese(III) Spin-Crossover Complex [Mn(taa)] (H3taa=tris(1-(2-azolyl)-2-azabuten-4-yl)amine). Advances in Quantum Chemistry, 2003, , 617-630.	0.8	27
78	New Mn12Clusters with Tunable Oxidation States via the Use ofN,N,Nâ€˜,Nâ€˜-Tetrakis(2-hydroxyethyl)ethylenediamine. Inorganic Chemistry, 2007, 46, 8111-8113.	4.0	27
79	Ferromagnetic Ordering and Simultaneous Fast Magnetization Tunneling in a Ni₄ Single-Molecule Magnet. Inorganic Chemistry, 2010, 49, 5780-5782.	4.0	27
80	Hyperfine structure of magnetic excitations in a Tb-based single-molecule magnet studied by high-resolution neutron spectroscopy. Physical Review B, 2013, 88, .	3.2	27
81	Preparation and properties of C8H4S8-platinum(II) complexes and electrical conductivities of their oxidized species and X-ray crystal structure of C8H4S8(CH2CH2CN)2 as a pro-ligand compound. Inorganica Chimica Acta, 1998, 279, 165-171.	2.4	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(Î·2-C,N-ppy)(Î·2-S,S-C8H4S8)]Â·0.5DMF. Journal of Organometallic Chemistry, 2003, 669, 141-148.	1.8	26
83	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.	4.0	25
84	Slow Magnetization Reversal in [Ni 4 (OMe) 4 (sal) 4 (MeOH) 4]. Molecular Crystals and Liquid Crystals, 2002, 376, 405-410.	0.9	25
85	Slow Magnetic Relaxation in an Octanuclear Manganese Chain. Inorganic Chemistry, 2010, 49, 7617-7619.	4.0	25
86	Water-induced reversible structural phase transformation with chromotropism in metal supramolecular frameworks containing aminopyrazine and sulfate anions. Dalton Transactions, 2010, 39, 8161.	3.3	25
87	Ferromagnetic interaction and slow magnetic relaxation in a Co3cluster-based three-dimensional framework. Dalton Transactions, 2014, 43, 47-50.	3.3	25
88	Slow magnetic relaxation of light lanthanide-based linear LnZn₂ trinuclear complexes. Dalton Transactions, 2015, 44, 18276-18283.	3.3	25
89	Singlet fission in pancake-bonded systems. Physical Chemistry Chemical Physics, 2017, 19, 5737-5745.	2.8	25
90	Preparation and Properties of Cyclopentadienyl- and Pentamethylcyclopentadienylâ^'Titanium(IV) Complexes with the C8H4S8Ligand, Electrical Conductivities of Their Oxidized Species, and X-ray Crystal Structure of Ti(C5Me5)2(C8H4S8). Inorganic Chemistry, 2000, 39, 4815-4820.	4.0	24

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91	A New Hexaferrocene Complex with a [M3(Î¼3-O)]7+Core. Inorganic Chemistry, 2006, 45, 10443-10445.	4.0	24
92	Copper complexes of the non-innocent Î²-diketiminate ligand containing phenol groups. Dalton Transactions, 2013, 42, 2438-2444.	3.3	24
93	Structural switching from paramagnetic to single-molecule magnet behaviour of LnZn₂ trinuclear complexes. Dalton Transactions, 2015, 44, 18038-18048.	3.3	24
94	Magnetic-Field-Dependent Heat Capacity of the Single-Molecule Magnet [Mn12O12(O2CEt)16(H2O)3]#. Inorganic Chemistry, 2001, 40, 6632-6636.	4.0	23
95	Magnetic Properties of 1:4 Complexes of CoIIX2(X = NCOâ^', NCSâ^', and Brâ^') with 4-(N-tert-Butylaminoxyl)pyridine. Antiferromagnets in Crystalline States and Single-Molecule Magnets in Frozen Solutions. Bulletin of the Chemical Society of Japan, 2006, 79, 1372-1382.	3.2	23
96	Structural diversity and magnetic properties in 1D and 2D azido-bridged cobalt(<scp>ii</scp>) complexes with 1,2-bis(2-pyridyl)ethylene. Dalton Transactions, 2011, 40, 1254-1260.	3.3	23
97	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.	4.0	22
98	Highly cooperative valence detrapping of mixed-valence manganese complex [Mn3O(O2CCH3)6(py)3](py) in the solid state. Journal of the American Chemical Society, 1989, 111, 7778-7784.	13.7	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). Inorganica Chimica Acta, 2000, 311, 6-14.	2.4	22
100	Cationic Mn₄ Single-Molecule Magnet with a Sterically Isolated Core. Inorganic Chemistry, 2011, 50, 7367-7369.	4.0	22
101	Pressure Modulation of Backbone Conformation and Intermolecular Distance of Conjugated Polymers Toward Understanding the Dynamism of Ï€-Figuration of their Conjugated System. Journal of Physical Chemistry B, 2015, 119, 7219-7230.	2.6	22
102	Thermodynamic Activity in Liquid Ga–Sn Alloys Studied by EMF Method. Materials Transactions, JIM, 1996, 37, 988-990.	0.9	21
103	Properties of Pt(ii) complexes with a sulfurâ€rich dithiolate ligand having alkyl chains and of their oxidized species. The Xâ€ray crystal structure of [NBun4]2[Pt{C6S8(C10H21)2}]. Journal of Materials Chemistry, 1999, 9, 2413-2417.	6.7	21
104	SMM Behavior Observed in Ce(III)Zn(II)2 Linear Trinuclear Complex. Chemistry Letters, 2013, 42, 1276-1278.	1.3	21
105	Ferromagnetic and Antiferromagnetic Behavior of 4-Methacryloyloxy- and 4-Acryloyloxy-2,2,6,6-Tetramethylpiperideste-1-Oxyl. Molecular Crystals and Liquid Crystals, 1993, 232, 53-60.	0.3	20
106	Synthesis, structures and magnetic properties of two hexanuclear complexes. Polyhedron, 2009, 28, 1842-1851.	2.2	20
107	A crystalline germanium flexible thin-film transistor. Applied Physics Letters, 2017, 111, .	3.3	20
108	Rotational Motion and Nuclear Spin Interconversion of H₂O Encapsulated in C₆₀ Appearing in the Low-Temperature Heat Capacity. Journal of Physical Chemistry Letters, 2019, 10, 1306-1311.	4.6	20

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109	Modified Chesnut Model for Spin-Crossover Semiconductors [Fe(acpa) 2](TCNQ) n. Molecular Crystals and Liquid Crystals, 2002, 379, 365-370.	0.9	19
110	Paramagnetic Organocobalt(III) Dithiolate Complex: Crystal Structure and Magnetic Property of [Co(Î·5-C5Me5)(C3S5)Br]. Chemistry Letters, 1998, 27, 729-730.	1.3	18
111	Preparation and properties of dinuclear bis[dicarbonyl(cyclopentadienyl)]diiron(II) complexes with Sî—¸S coupled, dimerized sulfur-rich dithiolate ligands. Journal of Organometallic Chemistry, 2002, 645, 94-100.	1.8	18
112	Preparation, spectroscopy and oxidation of [Re(C3S5)3]? and [ReO(C3S5)2]? complexes and crystal structure of [PPh4][ReO(C3S5)2]. Journal of the Chemical Society Dalton Transactions, 1993, , 2995.	1.1	17
113	Effects of paramagnetic [Fe(C5Me5)2]+ cation on the anionic single-molecule magnet, [Mn12O12(O2CC6H4F(-o))16(H2O)4]â^'. Polyhedron, 2001, 20, 1529-1536.	2.2	17
114	Heat capacity calorimetry of two Mn4 large-spin clusters: [Mn4(hmp)6R2](ClO4)2 [Hhmp=2-hydroxymethylpyridine, R=OAcâ^' or Clâ^']. Polyhedron, 2001, 20, 1607-1613.	2.2	17
115	X-ray Crystal Structure and Electrical Conductivity of [Au(ppy)(C8H4S8)]2[PF6] [ppyâ^' =C-deprotonated 2-phenylpyridine(â^'); C8H4S82â^' = 2-{(4,5-ethylenedithio)-1,3-dithiol-2-ylidene}-1,3-dithiole-4,5-dithionate(2â^')]. European Journal of Inorganic Chemistry, 2003, 2003, 4093-4098.	2.0	16
116	Crystal structures of [Rh(Î·5-C5H5)(C3S5)] and [Rh(Î·5-C5Me5)(C3S5)]2 and properties of their oxidized species. Journal of Organometallic Chemistry, 2004, 689, 405-410.	1.8	16
117	Controlled crystallization of Mn12single-molecule magnets by compressed CO2and its influence on the magnetization relaxation. Journal of Materials Chemistry, 2006, 16, 2612-2617.	6.7	16
118	Syntheses, Structures, and Magnetic Properties of Tetramanganese(III) and Hexamanganese(III) Complexes Containing Derivative of Biguanidate Ligand: Ferromagnetic Interaction via Imino Nitrogen. Inorganic Chemistry, 2009, 48, 11388-11393.	4.0	16
119	Chargeâ€Transfer Phase Transition of a Cyanideâ€Bridged Fe^{II}/Fe^{III} Coordination Polymer. Angewandte Chemie, 2016, 128, 6151-6154.	2.0	16
120	Coexistence of Spinâ€“Lattice Relaxation and Phononâ€Bottleneck Processes in Gd III â€“Phthlocyaninato Tripleâ€Decker Complexes under Highly Diluted Conditions. Chemistry - A European Journal, 2020, 26, 8076-8082.	3.3	16
121	ESR study of spin-crossover complex [MnIII(taa)] using pulsed high magnetic field. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 1102-1103.	2.3	15
122	Preparation and Oxidation of Pt(II) Complexes Containing BothC-Deprotonated 2-Phenylpyridine (ppyâ^') and a Sulfur-Rich Dithiolate Ligand and X-ray Crystal Structure of [NBun4][Pt(ppy)(C8H4S8)]. Bulletin of the Chemical Society of Japan, 2004, 77, 1877-1883.	3.2	15
123	Syntheses, structures, and magnetic properties of discrete cyano-bridged heterodinuclear complexes composed of MnIII(salen)-type complex and MIII(CN)6 anion (MIII= Fe, Mn, and Cr). Polyhedron, 2013, 64, 346-351.	2.2	15
124	High-Field Optical Spectroscopy of the Spin-Crossover Complex [MnIII(taa)]. Journal of Low Temperature Physics, 2013, 170, 424-429.	1.4	15
125	Rational design of doubly-bridged chromophores for singlet fission and tripletâ€“triplet annihilation. RSC Advances, 2017, 7, 34830-34845.	3.6	15
126	Magnetocapacitance effect and magnetostriction by the field-induced spin-crossover in [MnIII(taa)]. AIP Advances, 2019, 9, .	1.3	15

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127	Organic Ferromagnetism and Antiferromagnetism of 4-Methacryloyloxy-2,2,6,6-tetramethylpiperidin-1-oxyl and 4-Acryloyloxy-2,2,6,6-tetramethylpiperidin-1-oxyl. Chemistry Letters, 1991, 20, 2095-2098.	1.3	14
128	Crystal structure of [NBun4]2[Nb(C3S5)2(S2)2Nb(C3S5)2] (C3S52â^'=4,5-disulfanyl-1,3-dithiole-2-thionate) and dissociation behavior in solution. Inorganica Chimica Acta, 1997, 262, 103-107.	2.4	14
129	Microcracks, spall and fracture in glass: A study using short pulsed laser shock waves. Journal of Applied Physics, 1998, 83, 3583-3594.	2.5	14
130	Î·5-C5H5- and Î·5-C5Me5-metal complexes (M=Zr(IV) and Hf(IV)) with the sulfur-rich dithiolate C8H4S8 ligand and high electrical conductivities of their oxidized species. Journal of Organometallic Chemistry, 2001, 625, 7-12.	1.8	14
131	Preparation and Properties of Tin(IV) Complexes with the Sulfur-Rich Dithiolate C3S5and C8H4S8Ligands and Their Oxidation. Bulletin of the Chemical Society of Japan, 2002, 75, 2621-2628.	3.2	14
132	A Bis(Î¼â€•oxido)dinickel(III) Complex with a Triplet Ground State. Angewandte Chemie - International Edition, 2018, 57, 7640-7643.	13.8	14
133	Three-dimensional surface figure measurement of high-accuracy spherical mirror with nanoprofiler using normal vector tracing method. Review of Scientific Instruments, 2014, 85, 045101.	1.3	13
134	Heat capacity of the ferromagnetic molecular charge-transfer complex, decamethylferrocenium tetracyanoethenide: Ising-like property of the magnetic interaction. Chemical Physics Letters, 1990, 169, 27-30.	2.6	12
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