Hitoshi Miyasaka

List of Publications by Citations

281 papers	12,376 citations	57 h-index	103 g-index
302 ext. papers	13,045 ext. citations	6.2 avg, IF	6.33 L-index

#	Paper	IF	Citations
281	Evidence for single-chain magnet behavior in a Mn(III)-Ni(II) chain designed with high spin magnetic units: a route to high temperature metastable magnets. *Journal of the American Chemical Society*, **2002**, 124, 12837-44	16.4	770
280	Single-Chain Magnets:Theoretical Approach and Experimental Systems. *Structure and Bonding*, **2006**, 163-206	0.9	512
279	Single-chain magnet (NEt4)[Mn2(5-MeOsalen)2Fe(CN)6] Made of Mn(III)-Fe(III)-Mn(III) trinuclear single-molecule magnet with an S(T) = 9/2 spin ground state. *Journal of the American Chemical Society*, **2005**, 127, 3090-9	16.4	410
278	Complexes Derived from the Reaction of Manganese(III) Schiff Base Complexes and Hexacyanoferrate(III): Syntheses, Multidimensional Network Structures, and Magnetic Properties. *Journal of the American Chemical Society*, **1996**, 118, 981-994	16.4	373
277	Slow dynamics of the magnetization in one-dimensional coordination polymers: single-chain magnets. *Inorganic Chemistry*, **2009**, 48, 3420-37	5.1	344
276	Magnetic assemblies based on Mn(III) salen analogues. *Coordination Chemistry Reviews*, **2007**, 251, 2622-2664	9.2	330
275	Electroconductive porous coordination polymer Cu[Cu(pdt)2] composed of donor and acceptor building units. *Inorganic Chemistry*, **2009**, 48, 9048-50	5.1	266
274	A dimeric manganese(III) tetradentate schiff base complex as a single-molecule magnet. *Angewandte Chemie - International Edition*, **2004**, 43, 2801-5	16.4	242
273	Two-dimensional networks based on Mn4 complex linked by dicyanamide anion: from single-molecule magnet to classical magnet behavior. *Journal of the American Chemical Society*, **2006**, 128, 3770-83	16.4	237
272	[Mn2(saltmen)2Ni(pao)2(L)2](A)2 with L=pyridine, 4-picoline, 4-tert-butylpyridine, N-methylimidazole and A=ClO4-, BF4-, PF6-, ReO4-: a family of single-chain magnets. *Inorganic Chemistry*, **2003**, 42, 8203-13	5.1	202
271	Direct observation of lanthanide(III)-phthalocyanine molecules on Au(111) by using scanning tunneling microscopy and scanning tunneling spectroscopy and thin-film field-effect transistor properties of Tb(III)- and Dy(III)-phthalocyanine molecules. *Journal of the American Chemical Society*, **2009**, 131, 9967-76	16.4	196
270	Glauber dynamics in a single-chain magnet: From theory to real systems. *Physical Review B*, **2004**, 69,	3.3	189
269	Control of charge transfer in donor/acceptor metal-organic frameworks. *Accounts of Chemical Research*, **2013**, 46, 248-57	24.3	167
268	Single-chain magnet behavior in an alternated one-dimensional assembly of a Mn(III) Schiff-base complex and a TCNQ radical. *Chemistry - A European Journal*, **2006**, 12, 7028-40	4.8	167
267	Slow relaxation in a one-dimensional rational assembly of antiferromagnetically coupled [Mn4] single-molecule magnets. *Journal of the American Chemical Society*, **2005**, 127, 17353-63	16.4	164
266	Hexagonal Layered Materials Composed of [M (O CCF)] (M=Ru and Rh) Donors and TCNQ Acceptors. *Angewandte Chemie - International Edition*, **2000**, 39, 3831-3835	16.4	164
265	One-dimensional supramolecular organization of single-molecule magnets. *Journal of the American Chemical Society*, **2007**, 129, 5045-51	16.4	160

264	Giant macrocycles composed of thiophene, acetylene, and ethylene building blocks. *Journal of the American Chemical Society*, **2006**, 128, 16740-7	16.4	157
263	Coordination assemblies of [Mn4] single-molecule magnets linked by photochromic ligands: photochemical control of the magnetic properties. *Journal of the American Chemical Society*, **2009**, 131, 9823-35	16.4	155
262	A look at molecular nanosized magnets from the aspect of inter-molecular interactions. *Dalton Transactions*, **2007**, 399-406	4.3	155
261	Synthesis, Crystal Structure, and Magnetic Properties of a Ferrimagnetic Layered Compound [NEt4][Mn(5-Cl-salen)]2[Fe(CN)6] (NEt4 = Tetraethylammonium, 5-Cl-salen = N,N′-Ethylenebis((5-chlorosalicylidene)aminato)). *Inorganic Chemistry*, **1997**, 36, 670-676	5.1	154
260	Control of charge transfer in a series of Ru2(II,II)/TCNQ two-dimensional networks by tuning the electron affinity of TCNQ units: a route to synergistic magnetic/conducting materials. *Journal of the American Chemical Society*, **2010**, 132, 1532-44	16.4	153
259	Out-of-plane dimers of Mn(III) quadridentate Schiff-base complexes with saltmen2− and naphtmen2− ligands: structure analysis and ferromagnetic exchange. *Dalton Transactions RSC*, **2002**, 1528-1534		153
258	Three-dimensional antiferromagnetic order of single-chain magnets: a new approach to design molecule-based magnets. *Chemistry - A European Journal*, **2010**, 16, 3656-62	4.8	144
257	Assembling Bi-, Tri- and Pentanuclear Complexes into Extended Structures Using a Desolvation Reaction: Synthesis, Structure, and Magnetic Properties of Manganese(III) Schiff-Base Hexacyanoferrate Polymeric Compounds and Their Derived Extended Structures. *Inorganic Chemistry*, **1998**, 37, 255-263	5.1	138
256	A three-dimensional ferrimagnet composed of mixed-valence Mn4 clusters linked by an [Mn[N(CN)2]6]4- unit. *Angewandte Chemie - International Edition*, **2004**, 43, 707-11	16.4	136
255	Realization of a magnet using an antiferromagnetic phase of single-chain magnets. *Physical Review Letters*, **2009**, 102, 167204	7.4	134
254	Framework control by a metalloligand having multicoordination ability: new synthetic approach for crystal structures and magnetic properties. *Inorganic Chemistry*, **2005**, 44, 133-46	5.1	131
253	Quantum tunneling and quantum phase interference in a [Mn(II)2Mn(III)2] single-molecule magnet. *Journal of the American Chemical Society*, **2005**, 127, 11311-7	16.4	123
252	Reversible magnetism between an antiferromagnet and a ferromagnet related to solvation/desolvation in a robust layered [Ru2]2TCNQ charge-transfer system. *Journal of the American Chemical Society*, **2010**, 132, 11943-51	16.4	115
251	An electron-transfer ferromagnet with T(c) = 107 K based on a three-dimensional [Ru2]2/TCNQ system. *Angewandte Chemie - International Edition*, **2008**, 47, 7760-3	16.4	115
250	Long-range ordered magnet of a charge-transfer Ru2(4+)/TCNQ two-dimensional network compound. *Journal of the American Chemical Society*, **2006**, 128, 11358-9	16.4	113
249	The Two-Dimensional Network Structure and Metamagnetic Properties of the 2:1 Complex of [Mn(3-MeOsalen)(H2O)]ClO4 and K3[Fe(CN)6]. *Angewandte Chemie International Edition in English*, **1995**, 34, 1446-1448		113
248	Cyano-bridged Mn(III)-M(III) single-chain magnets with M(III)=Co(III), Fe(III), Mn(III), and Cr(III). *Chemistry - A European Journal*, **2012**, 18, 3942-54	4.8	111
247	Metal-metal bonded diruthenium(II, III) assemblies with the polycyano anionic linkers N(CN)2-, C(CN)3-, and 1,4-dicyanamido-2,5-dimethylbenzene (DM-dicyd2-): syntheses, structures, and magnetic properties. *Inorganic Chemistry*, **2001**, 40, 1663-71	5.1	107

246	Cyano-bridged Mn(III)3M(III) (M(III) = Fe, Cr) complexes: synthesis, structure, and magnetic properties. *Inorganic Chemistry*, **2005**, 44, 5969-71	5.1	105
245	Synthetic Strategy for Rational Design of Single-Chain Magnets. *Bulletin of the Chemical Society of Japan*, **2005**, 78, 1725-1748	5.1	104
244	Magnetic Properties of a One-Dimensional Ferromagnet Containing a Mn(III)□NC□Fe(III) Linkage: Synthesis and Crystal Structure of a Chainlike [Mn(acacen)Fe(CN)6]n2n- Polyanion. *Inorganic Chemistry*, **1996**, 35, 6004-6008	5.1	104
243	Hybrid molecular material exhibiting single-molecule magnet behavior and molecular conductivity. *Inorganic Chemistry*, **2007**, 46, 9661-71	5.1	101
242	[MnIII2 (5-Rsaltmen)2NiII(pao)2(L)]2+: an S(T)=3 building block for a single-chain magnet that behaves as a single-molecule magnet. *Chemistry - A European Journal*, **2005**, 11, 1592-602	4.8	98
241	Anomalous Magnetic Properties of [K{Mn(3-MeO-salen)}2{Mn(CN)6}]. A Metamagnet Exhibiting a Strong Negative Magnetization (3-MeOsalen = N,N□Ethylenebis(3-methoxysalicylideneaminato). *Inorganic Chemistry*, **1996**, 35, 5964-5965	5.1	91
240	Cocrystallites consisting of metal macrocycles with fullerenes. *Coordination Chemistry Reviews*, **2002**, 226, 113-124	23.2	88
239	Novel optical and magnetic bistability and photoinduced transition in a one-dimensional halogen-bridged binuclear pt complex. *Physical Review Letters*, **2003**, 90, 046401	7.4	81
238	New approach for designing single-chain magnets: organization of chains via hydrogen bonding between nucleobases. *Journal of the American Chemical Society*, **2012**, 134, 6908-11	16.4	80
237	Pyrene-Fused Porphyrins: Annulation Reactions ofmeso-Pyrenylporphyrins. *Chemistry Letters*, **2004**, 33, 40-41	1.7	79
236	Structure and magnetic properties of the two-dimensional ferrimagnet (NEt4)[[Mn(salen)]2Fe(CN)6]: investigation of magnetic anisotropy on a single crystal. *Inorganic Chemistry*, **2003**, 42, 3509-15	5.1	78
235	Direct evidence of exchange interaction dependence of magnetization relaxation in a family of ferromagnetic-type single-chain magnets. *Journal of Materials Chemistry*, **2007**, 17, 2002-2012		76
234	[{Mn(salen)CN}n]: The First One-Dimensional Chain with Alternating High-Spin and Low-Spin MnIII Centers Exhibits Metamagnetism. *Angewandte Chemie - International Edition*, **1999**, 38, 171-173	16.4	74
233	Copper(II)-terbium(III) single-molecule magnets linked by photochromic ligands. *Dalton Transactions*, **2011**, 40, 2275-82	4.3	73
232	One-dimensional coordination polymers of antiferromagnetically-coupled [Mn4] single-molecule magnets. *Dalton Transactions*, **2008**, 755-66	4.3	71
231	The Synthesis and Characterization of Two-Dimensional Ferromagnetic Extended Structures Containing High-Spin (S = (5)/(2)) and Low-Spin (S = (1)/(2)) Iron(III) Bridged by Cyanide Groups. *Inorganic Chemistry*, **1998**, 37, 2717-2722	5.1	67
230	Synthesis, Crystal and Network Structures, and Magnetic Properties of a Hybrid Layered Compound: [K(18-cr)(2-PrOH)(2)][{Mn(acacen)}(2){Fe(CN)(6)}] (18-cr = 18-Crown-6-ether, acacen = N,N'-Ethylenebis(acetylacetonylideneiminate)). *Inorganic Chemistry*, **1998**, 37, 4878-4883	5.1	66
229	Charge-density-wave to Mott-Hubbard phase transition in quasi-one-dimensional bromo-bridged Pd compounds. *Journal of the American Chemical Society*, **2008**, 130, 12080-4	16.4	64

228	Copper Selenide as a New Cathode Material based on Displacement Reaction for Rechargeable Magnesium Batteries. *Electrochimica Acta*, **2016**, 210, 655-661	6.7	60
227	Stepwise neutral-ionic phase transitions in a covalently bonded donor/acceptor chain compound. *Journal of the American Chemical Society*, **2011**, 133, 5338-45	16.4	60
226	From an S(T) = 3 single-molecule magnet to diamagnetic ground state depending on the molecular packing of Mn(III)salen-type dimers decorated by N,N'-dicyano-1,4-naphthoquinonediiminate radicals. *Inorganic Chemistry*, **2006**, 45, 4381-90	5.1	60
225	The first crystal structure of a one-dimensional chain of linked RuIIRuII units. *Dalton Transactions RSC*, **2001**, 858-861		60
224	Charge-transfer two-dimensional layers constructed from a 2 : 1 assembly of paddlewheel diruthenium(II,II) complexes and bis[1,2,5]thiadizolotetracyanoquinodimethane: bulk magnetic behavior as a function of inter-layer interactions. *CrystEngComm*, **2009**, 11, 2121	3.3	56
223	A Square Cyclic Porphyrin Dodecamer: Synthesis and Single-Molecule Characterization. *Chemistry Letters*, **2004**, 33, 578-579	1.7	55
222	A Mn(III)2Ni(II) single-chain magnet separated by a thick isolating network of BPh4- anions. *Dalton Transactions*, **2008**, 2422-7	4.3	54
221	Bulk Photovoltaic Effect in a Pair of Chiral-Polar Layered Perovskite-Type Lead Iodides Altered by Chirality of Organic Cations. *Journal of the American Chemical Society*, **2019**, 141, 14520-14523	16.4	53
220	[M(III)(dmit)2](-)-coordinated Mn(III) salen-type dimers (M(III) = Ni(III), Au(III); dmit2- = 1,3-dithiol-2-thione-4,5-dithiolate): design of single-component conducting single-molecule magnet-based materials. *Inorganic Chemistry*, **2009**, 48, 2887-98	5.1	53
219	A ladder based on paddlewheel diruthenium(II, II) rails connected by TCNQ rungs: a polymorph of the hexagonal 2-D network phase. *Dalton Transactions*, **2008**, 4099-102	4.3	52
218	Single-molecule magnet behavior in heterometallic M(II)-Mn(III)(2)-M(II) tetramers (M(II) = Cu, Ni) containing Mn(III) salen-type dinuclear core. *Inorganic Chemistry*, **2007**, 46, 5861-72	5.1	52
217	A three-dimensional network of two-electron-transferred [Ru2]2TCNQ exhibiting anomalous conductance due to charge fluctuations. *Chemical Communications*, **2011**, 47, 271-3	5.8	51
216	Tuning of the ionization potential of paddlewheel diruthenium(II, II) complexes with fluorine atoms on the benzoate ligands. *Dalton Transactions*, **2011**, 40, 673-82	4.3	45
215	Low-Temperature Scanning Tunneling Microscopy Investigation of Bis(phthalocyaninato)yttrium Growth on Au(111): From Individual Molecules to Two-Dimensional Domains. *Journal of Physical Chemistry C*, **2009**, 113, 9826-9830	3.8	45
214	Syntheses and crystal structures of three one-dimensional copper(II) complexes constructed by salicylate and 4,4?-bipyridine: ladder, zig-zag, and linear polymeric assembly. *Inorganica Chimica Acta*, **2003**, 355, 121-126	2.7	45
213	New molecular assemblies of redox isomers, [CrIII(X4SQ)3-n(X4Cat)n]-n (X = Cl and Br; n = 0, 1, and 2), with metallocenium cations, [MIIICp2]+ (M = Co and Fe): X-ray crystal structures and physical properties. *Inorganic Chemistry*, **2001**, 40, 146-56	5.1	45
212	A Dimeric Manganese(III) Tetradentate Schiff Base Complex as a Single-Molecule Magnet. *Angewandte Chemie*, **2004**, 116, 2861-2865	3.6	43
211	Linear NiII-MnIII2-NiII tetramers: an oligomeric component of the MnIII2NiII single-chain magnets. *Inorganic Chemistry*, **2004**, 43, 5486-8	5.1	43

210	[Mn4(hmp)6(CH3CN)2(H2O)4]4+: A new single-molecule magnet with the highest blocking temperature in the Mn4/hmp family of compounds. *Inorganic Chemistry Communication*, **2005**, 8, 626-630	3.1	42
209	Coulombic aggregations of Mn(III) salen-type complexes and Keggin-type polyoxometalates: isolation of Mn2 single-molecule magnets. *Inorganic Chemistry*, **2012**, 51, 4824-32	5.1	40
208	Vapochromic behavior accompanied by phase transition between charge-polarization and charge-density-wave states in a quasi-one-dimensional iodine-bridged dinuclear platinum compound. *Angewandte Chemie - International Edition*, **2005**, 44, 3240-3	16.4	40
207	An ionicity diagram for the family of [{Ru2(CF3CO2)4}2(TCNQR(x))] (TCNQR(x) = R-substituted 7,7,8,8-tetracyano-p-quinodimethane). *Dalton Transactions*, **2012**, 41, 6072-4	4.3	38
206	Selective NO trapping in the pores of chain-type complex assemblies based on electronically activated paddlewheel-type [Ru2(II,II)]/[Rh2(II,II)] dimers. *Journal of the American Chemical Society*, **2013**, 135, 18469-80	16.4	38
205	Novel ET-coordinated copper(I) complexes: syntheses, structures, and physical properties (ET = BEDT-TTF = Bis(ethylenedithio)tetrathiafulvalene). *Inorganic Chemistry*, **2003**, 42, 7173-81	5.1	37
204	Visualization of local valence structures in quasi-one-dimensional halogen-bridged complexes [Ni(1-x)Pd(x)(chxn)(2)Br]Br(2) by STM. *Angewandte Chemie - International Edition*, **2004**, 43, 3171-5	16.4	36
203	A Mn12 single-molecule magnet [Mn12O12(OAc)12(dpp)4] (dppH = diphenyl phosphate) with no coordinating water molecules. *Inorganic Chemistry*, **2004**, 43, 4790-2	5.1	36
202	Construction of an Artificial Ferrimagnetic Lattice by Lithium Ion Insertion into a Neutral Donor/Acceptor Metal-Organic Framework. *Angewandte Chemie - International Edition*, **2016**, 55, 5238-42	16.4	35
201	Dinuclear complexes of MnII, CoII and ZnII triply bridged by carboxylate groups: structures, properties and catalase-like function *Journal of the Chemical Society Dalton Transactions*, **1997**, 4595-4602		35
200	One-dimensional assemblies of dirhodium units bridged by N,N'-dicyanoquinonediimine ligands. *Inorganic Chemistry*, **2000**, 39, 5870-3	5.1	34
199	Thermally Induced Valence Tautomeric Transition in a Two-Dimensional Fe-Tetraoxolene Honeycomb Network. *Angewandte Chemie - International Edition*, **2018**, 57, 12043-12047	16.4	33
198	Synthesis, crystal structure and magnetic properties of novel Mn12 single-molecule magnets with thiophenecarboxylate, [Mn12O12(O2CC4H3S)16(H2O)4], and its tetraphenylphosphonium salt. *Polyhedron*, **2003**, 22, 1795-1801	2.7	33
197	Gas-responsive porous magnet distinguishes the electron spin of molecular oxygen. *Nature Communications*, **2018**, 9, 5420	17.4	32
196	One-dimensional structures of manganese(II) complexes [MnII(hfac)2L] hfac = hexafluoroacetylacetonate anion; L = N-(4-pyridylmethyl)imidazole, trans-1,2-bis(4-pyridyl)ethylene, imidazole). *Inorganica Chimica Acta*, **1997**, 254, 145-150	2.7	31
195	Hybridized complexes of single-molecule magnets and Ni dithiolate complexes. *Inorganica Chimica Acta*, **2008**, 361, 3863-3872	2.7	31
194	Syntheses, structures and magnetic properties of the tricyanoethenolate adducts of quadridentate Schiff base manganese(III) complexes. *Inorganica Chimica Acta*, **1996**, 247, 57-63	2.7	31
193	A Low-Temperature Scanning Tunneling Microscope Investigation of a Nonplanar Dysprosium Phthalocyanine Adsorption on Au(111). *Journal of Physical Chemistry C*, **2009**, 113, 14407-14410	3.8	29

192	Fully electron-transferred donor/acceptor layered frameworks with TCNQ(2-). *Inorganic Chemistry*, **2015**, 54, 1518-27	5.1	28
191	Copper(II) Complexes of N,N'-Bis((2-substituted-imidazol-4-yl)methylene)-3,3'-diaminodi-propylamine (2-Substituent = H, Me): Delta and Lambda Enantiomorphs of the Protonated Complex and Helical Structure of the Deprotonated Complex Formed by Hydrogen Bonds. *Inorganic Chemistry*, **1997**, 36, 4329-4335	5.1	28
190	Systematic Synthesis of Porphyrin Dimers Linked by Conjugated Oligoacetylene Bridges. *Chemistry Letters*, **2003**, 32, 694-695	1.7	28
189	A metal-organic framework that exhibits CO-induced transitions between paramagnetism and ferrimagnetism. *Nature Chemistry*, **2021**, 13, 191-199	17.6	28
188	Magnetic Sponge Behavior via Electronic State Modulations. *Journal of the American Chemical Society*, **2018**, 140, 5644-5652	16.4	27
187	Gate-opening gas adsorption and host-guest interacting gas trapping behavior of porous coordination polymers under applied AC electric fields. *Journal of the American Chemical Society*, **2014**, 136, 12304-13	16.4	27
186	Effect of an applied magnetic field on the relaxation time of single-chain magnets. *Physical Review B*, **2007**, 76,	3.3	27
185	In Situ Reversible Ionic Control for Nonvolatile Magnetic Phases in a Donor/Acceptor Metal-Organic Framework. *Advanced Functional Materials*, **2017**, 27, 1604990	15.6	26
184	Carrier concentration dependent conduction in insulator-doped donor/acceptor chain compounds. *Journal of the American Chemical Society*, **2013**, 135, 17715-8	16.4	26
183	Low-temperature heat capacity of Sr8Ga16Ge30 and Ba8Ga16Ge30: Tunneling states and electron-phonon interaction in clathrates. *Physical Review B*, **2010**, 82,	3.3	26
182	Dynamical valence fluctuation at the charge-density-wave phase boundary in iodide-bridged Pt compound [Pt(chxn)2I]I2. *Journal of the American Chemical Society*, **2006**, 128, 6420-5	16.4	26
181	Magnetic sponge phenomena associated with interchain dipole-dipole interactions in a series of ferrimagnetic chain compounds doped with minor diamagnetic species. *Inorganic Chemistry*, **2014**, 53, 4716-23	5.1	25
180	Magnetic Phase Switching in a Tetraoxolene-Bridged Honeycomb Ferrimagnet Using a Lithium Ion Battery System. *Chemistry of Materials*, **2017**, 29, 10053-10059	9.6	25
179	Pressure effect on the three-dimensional charge-transfer ferromagnet [{Ru(m-FPhCO)}(BTDA-TCNQ)]. *Dalton Transactions*, **2010**, 39, 4724-6	4.3	25
178	Halogen-bridged PtII/PtIV mixed-valence ladder compounds. *Angewandte Chemie - International Edition*, **2006**, 45, 7214-7	16.4	25
177	Effect of pressure on single-chain magnets with repeating units of the MnIIINiIIMnIII trimer. *Physical Review B*, **2005**, 72,	3.3	25
176	Hexagonal Layered Materials Composed of [M2(O2CCF3)4] (M=Ru and Rh) Donors and TCNQ Acceptors. *Angewandte Chemie*, **2000**, 112, 3989-3993	3.6	25
175	The Effect of Anion-sublattice Structure on the Displacement Reaction in Copper Sulfide Cathodes of Rechargeable Magnesium Batteries. *Chemistry Letters*, **2017**, 46, 1240-1242	1.7	24

174	An assembly compound [K(18-crown-6)(MeOH)2][Mn(5-Clsalen)(H2O)(MeOH)]2[Fe(CN)6]□4MeOH of isolated metal centers and conversion into a ferrimagnetic compound by desolvation [18-crown-6 = 1,4,7,10,13,16-hexaoxacyclooctadecane, 5-Clsalen = N,N?-ethylenebis(5-chlorosalicylideneiminate)]. *Journal of the Chemical Society Dalton Transactions*, [illegible]		24
173	Mixed charge-ordering state of MMX-type quasi-one-dimensional iodide-bridged platinum complexes with binary countercations. *Journal of the American Chemical Society*, **2008**, 130, 17668-9	16.4	24
172	Construction of a One-Dimensional Chain Composed of Mn6Clusters and 4,4?-Bipyridine Linkers: The First Step for Creation of □Nano-Dots-Wires□*Chemistry Letters*, **2002**, 31, 658-659	1.7	24
171	Electron-Transferred Donor/Acceptor Ferrimagnet with T(C) = 91 K in a Layered Assembly of Paddlewheel [Ru2] Units and TCNQ. *Inorganic Chemistry*, **2015**, 54, 10001-6	5.1	23
170	Collective magnetic excitation in a single-chain magnet by electron spin resonance measurements. *Physical Review B*, **2006**, 73,	3.3	23
169	Fullerene C60 exhibiting a strong intermolecular interaction in a cocrystallite with C4 symmetrical cobalt tetrakis(di-tert-butylphenyl)porphyrin. *Dalton Transactions RSC*, **2001**, 2975-2980		23
168	Syntheses, structures, and physicochemical properties of diruthenium compounds of tetrachlorocatecholate with metal-metal bonded Ru(3+)(mu-OR)(2)Ru(3+) and Ru(3.5+)(mu-OR)(2)Ru(3.5+) cores (R = CH(3) and C(2)H(5)). *Inorganic Chemistry*, **2001**, 40, 3544-54	5.1	23
167	Systematic tuning and switching of neutral and ionic phases in a donor-acceptor chain compound by doping with less-active donors and by pressure application. *Chemistry - A European Journal*, **2014**, 20, 5121-31	4.8	22
166	CO2 superabsorption in a paddlewheel-type Ru dimer chain compound: gate-open performance dependent on inter-chain interactions. *Chemical Communications*, **2013**, 49, 1594-6	5.8	22
165	The effect of chlorine and fluorine substitutions on tuning the ionization potential of benzoate-bridged paddlewheel diruthenium(ii, ii) complexes. *Dalton Transactions*, **2015**, 44, 8156-68	4.3	22
164	Scanning Tunneling Microscopy Investigation of Tris(phthalocyaninato)yttrium Triple-Decker Molecules Deposited on Au(111). *Journal of Physical Chemistry C*, **2010**, 114, 12202-12206	3.8	22
163	FeIIPbII and FeIII complexes of macrocyclic compartmental ligands: different cyclization in stepwise template synthesis using FeII/PbII or FeIII/PbII pairs. *Journal of the Chemical Society Dalton Transactions*, **1999**, 367-372		22
162	Magnetic/conducting bifunctionality due to □-conjugated functional moieties in a stacked ferrimagnetic chain. *Inorganic Chemistry*, **2010**, 49, 9116-8	5.1	21
161	[[[Pt(en)2][PtX2(en)2]]3][[(MX5)X3]2].12 H2O: quasi-one-dimensional halogen-bridged PtII-PtIV mixed-valence compounds with magnetic counteranions. *Angewandte Chemie - International Edition*, **2004**, 43, 4763-7	16.4	21
160	A charge-disproportionate ordered state with □ = 0.75 in a chemically sensitive donor/acceptor D(□)(2)A(2□) layered framework. *Chemical Communications*, **2015**, 51, 7795-8	5.8	20
159	Water-vapor-induced reversible switching of electronic states in an MMX-type chain complex with retention of single crystallinity. *Angewandte Chemie - International Edition*, **2010**, 49, 552-5	16.4	20
158	A Chemical Modification of a Mn12Single-Molecule Magnet by Replacing Carboxylate Anions with Diphenylphosphate Anions. *Chemistry Letters*, **2002**, 31, 682-683	1.7	20
157	A Three-Dimensional Ferrimagnet Composed of Mixed-Valence Mn4 Clusters Linked by an {Mn[N(CN)2]6}4□Unit. *Angewandte Chemie*, **2004**, 116, 725-729	3.6	19

156	A Dinuclear Ruthenium(II) Chelating Amido Complex: Synthesis, Characterization, and Coupling Reaction with Carbon Monoxide. *Organometallics*, **2004**, 23, 3587-3589	3.8	19
155	Paramagnetic-diamagnetic phase transition accompanied by coordination bond formation-dissociation in the dithiolate complex Na[Ni(pdt)2]·2H2O. *Inorganic Chemistry*, **2011**, 50, 6405-7	5.1	18
154	Heterometallic hexanuclear cluster with an S = 8 spin ground state: MnII[MnII(hfac)2]3[NiII(pao)3]2 (hfac- = hexafluoroacetylacetonate, pao- = pyridine-2-aldoximate). *Inorganic Chemistry*, **2003**, 42, 4501-3	5.1	18
153	Magnetic Sponge with Neutral-Ionic Phase Transitions. *Advanced Science*, **2018**, 5, 1700526	13.6	17
152	Spin correlation and relaxational dynamics in molecular-based single-chain magnets. *Physical Review B*, **2006**, 74,	3.3	17
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