Rodolphe Clerac

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497 papers	24,709 citations	83 h-index	130 g-index
536 ext. papers	26,080 ext. citations	6.3 avg, IF	6.88 L-index

#	Paper	IF	Citations
497	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
496	Single-Chain Magnets:Theoretical Approach and Experimental Systems. *Structure and Bonding*, **2006**, 163-206	0.9	512
495	A ferromagnetically coupled mn(19) aggregate with a record S=83/2 ground spin state. *Angewandte Chemie - International Edition*, **2006**, 45, 4926-9	16.4	496
494	Dinuclear dysprosium(III) single-molecule magnets with a large anisotropic barrier. *Angewandte Chemie - International Edition*, **2008**, 47, 8848-51	16.4	473
493	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
492	Slow dynamics of the magnetization in one-dimensional coordination polymers: single-chain magnets. *Inorganic Chemistry*, **2009**, 48, 3420-37	5.1	344
491	Magnetic and optical bistability driven by thermally and photoinduced intramolecular electron transfer in a molecular cobalt-iron prussian blue analogue. *Journal of the American Chemical Society*, **2008**, 130, 252-8	16.4	286
490	A bell-shaped Mn11Gd2 single-molecule magnet. *Journal of the American Chemical Society*, **2007**, 129, 9248-9	16.4	278
489	Pentanuclear dysprosium hydroxy cluster showing single-molecule-magnet behavior. *Inorganic Chemistry*, **2008**, 47, 6581-3	5.1	259
488	Heterometallic [Mn5-Ln4] single-molecule magnets with high anisotropy barriers. *Chemistry - A European Journal*, **2008**, 14, 3577-84	4.8	250
487	A dimeric manganese(III) tetradentate schiff base complex as a single-molecule magnet. *Angewandte Chemie - International Edition*, **2004**, 43, 2801-5	16.4	242
486	Single-molecule magnet engineering: building-block approaches. *Chemical Communications*, **2014**, 50, 4396-415	5.8	237
485	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
484	A promising new route towards single-molecule magnets based on the oxalate ligand. *Chemical Communications*, **2010**, 46, 1506-8	5.8	228
483	Switchable Fe/Co Prussian blue networks and molecular analogues. *Chemical Society Reviews*, **2016**, 45, 203-24	58.5	209
482	[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
481	An S = 6 cyanide-bridged octanuclear FeII4NiII4 complex that exhibits slow relaxation of the magnetization. *Journal of the American Chemical Society*, **2006**, 128, 4214-5	16.4	190

480	Glauber dynamics in a single-chain magnet: From theory to real systems. *Physical Review B*, **2004**, 69,	3.3	189
479	Trinuclear heterobimetallic Ni2Ln complexes [L2Ni2Ln][ClO4] (Ln=La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, and Er; LH3=(S)P[N(Me)NCH-C6H3-2-OH-3-OMe]3): from simple paramagnetic complexes to single-molecule magnet behavior. *Inorganic Chemistry*, **2008**, 47, 4918-29	5.1	185
478	Linear trinuclear mixed-metal Co(II)-Gd(III)-Co(II) single-molecule magnet: [L(2)Co(2)Gd][NO(3)] x 2CHCl(3) (LH(3) = (S)P[N(Me)N=CH-C(6)H(3)-2-OH-3-OMe](3)). *Inorganic Chemistry*, **2007**, 46, 5140-2	5.1	182
477	A [Mn18Dy] SMM resulting from the targeted replacement of the central MnII in the S = 83/2 [Mn19]-aggregate with DyIII. *Chemical Communications*, **2009**, 544-6	5.8	178
476	[ReCl4(CN)2]2-: a high magnetic anisotropy building unit giving rise to the single-chain magnets (DMF)4MReCl4(CN)2 (M = Mn, Fe, Co, Ni). *Journal of the American Chemical Society*, **2010**, 132, 3980-8	16.4	178
475	Reversible thermally and photoinduced electron transfer in a cyano-bridged {Fe(2)Co(2)} square complex. *Angewandte Chemie - International Edition*, **2010**, 49, 3752-6	16.4	174
474	Synthesis, structure, and magnetism of heterobimetallic trinuclear complexes {[L2Co2Ln][X]} [Ln = Eu, X = Cl; Ln = Tb, Dy, Ho, X = NO3; LH3 = (S)P[N(Me)N=CH-C6H3-2-OH-3-OMe]3]: A 3d-4f family of single-molecule magnets. *Inorganic Chemistry*, **2009**, 48, 1148-57	5.1	167
473	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
472	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
471	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
470	A One-Pot, High-Yield Synthesis of a Paramagnetic Nickel Square from Divergent Precursors by Anion Template Assembly. *Angewandte Chemie - International Edition*, **1999**, 38, 3477-3479	16.4	163
469	One-dimensional supramolecular organization of single-molecule magnets. *Journal of the American Chemical Society*, **2007**, 129, 5045-51	16.4	160
468	Interplay between chains of S = 5/2 localised spins and two-dimensional sheets of organic donors in the synthetically built magnetic multilayer □ (BETS)2FeCl4. *European Physical Journal B*, **1998**, 1, 439-452	1.2	159
467	Controlled association of single-molecule magnets (SMMs) into coordination networks: towards a new generation of magnetic materials. *Dalton Transactions*, **2012**, 41, 9569-86	4.3	158
466	Thermoreversible gels as magneto-optical switches. *Angewandte Chemie - International Edition*, **2004**, 43, 3283-6	16.4	158
465	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
464	Tristability in a light-actuated single-molecule magnet. *Journal of the American Chemical Society*, **2013**, 135, 15880-4	16.4	152
463	Rational Assembly of High-Spin Polynuclear Magnetic Complexes into Coordination Networks: the Case of a [Mn4] Single-Molecule Magnet Building Block. *European Journal of Inorganic Chemistry*, **2008**, 2008, 4325-4342	2.3	149

462	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
461	Fine-tuning the ring-size of metallacyclophanes: a rational approach to molecular pentagons. *Journal of the American Chemical Society*, **2001**, 123, 773-4	16.4	143
460	New Crystalline Polymers of Ag(TCNQ) and Ag(TCNQF4): Structures and Magnetic Properties. *Journal of Solid State Chemistry*, **2000**, 152, 159-173	3.3	137
459	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
458	Realization of a magnet using an antiferromagnetic phase of single-chain magnets. *Physical Review Letters*, **2009**, 102, 167204	7.4	134
457	Photoinduced single-molecule magnet properties in a four-coordinate iron(II) spin crossover complex. *Journal of the American Chemical Society*, **2013**, 135, 19083-6	16.4	131
456	Enantiomerically pure chiral {Fe28} wheels. *Angewandte Chemie - International Edition*, **2009**, 48, 1581-4	16.4	129
455	Linear Tricobalt Compounds with Di(2-pyridyl)amide (dpa) Ligands: Temperature Dependence of the Structural and Magnetic Properties of Symmetrical and Unsymmetrical Forms of Co3(dpa)4Cl2 in the Solid State. *Journal of the American Chemical Society*, **2000**, 122, 6226-6236	16.4	127
454	Glassy Magnets Composed of Metals Coordinated to 7,7,8,8-tetracyanoquinodimethane: M(TCNQ)2 (M = Mn, Fe, Co, Ni)□ *Chemistry of Materials*, **2003**, 15, 1840-1850	9.6	126
453	Ferromagnetic Ordering, Anisotropy, and Spin Reorientation for the Cyano-Bridged Bimetallic Compound Mn2(H2O)5Mo(CN)7□4H2O (□ Phase). *Journal of the American Chemical Society*, **1998**, 120, 13088-13095	16.4	125
452	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
451	Protein-sized chiral Fe(168) cages with NbO-type topology. *Journal of the American Chemical Society*, **2009**, 131, 14600-1	16.4	121
450	Metal-to-metal electron transfer in Co/Fe Prussian Blue molecular analogues: the ultimate miniaturization. *Journal of the American Chemical Society*, **2014**, 136, 15461-4	16.4	118
449	Further Study of the Linear Trinickel(II) Complex of Dipyridylamide. *Inorganic Chemistry*, **1999**, 38, 2655-2657	5.1	117
448	Rational design of a photomagnetic chain: bridging single-molecule magnets with a spin-crossover complex. *Journal of the American Chemical Society*, **2013**, 135, 14840-53	16.4	115
447	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
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445	A series of new structural models for the OEC in photosystem II. *Chemical Communications*, **2006**, 2650-2	5.8	110

444	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
443	A tetranuclear, macrocyclic 3d-4f complex showing single-molecule magnet behavior. *Inorganic Chemistry*, **2011**, 50, 4232-4	5.1	105
442	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
441	Structure, Ferromagnetic Ordering, Anisotropy, and Spin Reorientation for the Two-Dimensional Cyano-Bridged Bimetallic Compound K2Mn3(H2O)6[Mo(CN)7]2·6H2O. *Journal of the American Chemical Society*, **1999**, 121, 3349-3356	16.4	105
440	Cyanide Single-Molecule Magnets Exhibiting Solvent Dependent Reversible "On" and "Off" Exchange Bias Behavior. *Journal of the American Chemical Society*, **2015**, 137, 14406-22	16.4	104
439	Synthetic Strategy for Rational Design of Single-Chain Magnets. *Bulletin of the Chemical Society of Japan*, **2005**, 78, 1725-1748	5.1	104
438	Salen-based [Zn2Ln3] complexes with fluorescence and single-molecule-magnet properties. *Inorganic Chemistry*, **2009**, 48, 8051-3	5.1	103
437	Heterospin systems constructed from [Cu2Ln]3+ and [Ni(mnt)2]1-,2- Tectons: First 3p-3d-4f complexes (mnt = maleonitriledithiolato). *Inorganic Chemistry*, **2008**, 47, 940-50	5.1	103
436	A Ferromagnetically Coupled Mn19 Aggregate with a Record S=83/2 Ground Spin State. *Angewandte Chemie*, **2006**, 118, 5048-5051	3.6	103
435	An S = 2 cyanide-bridged trinuclear Fe(III)2Ni(II) single-molecule magnet. *Inorganic Chemistry*, **2006**, 45, 5251-3	5.1	102
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433	A New Linear Tricobalt Compound with Di(2-pyridyl)amide (dpa) Ligands: Two-Step Spin Crossover of [Co3(dpa)4Cl2][BF4]. *Journal of the American Chemical Society*, **2000**, 122, 2272-2278	16.4	99
432	[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
431	Fine-tuning the single-molecule magnet properties of a [Dy(III)-radical]2 pair. *Journal of the American Chemical Society*, **2013**, 135, 9596-9	16.4	97
430	Thermochromic and photoresponsive cyanometalate Fe/Co squares: toward control of the electron transfer temperature. *Journal of the American Chemical Society*, **2014**, 136, 16854-64	16.4	96
429	Ortho-chalcogenostannates as ligands: syntheses, crystal structures, electronic properties, and magnetism of novel compounds containing ternary anionic substructures [M4(mu4-Se)(SnSe4)4]10- (M=Mn, Zn, Cd, Hg), 3(infinity)[[Hg4(mu4-Se)(SnSe4)3]6-], or 1(infinity)[[HgSnSe4]2-]. *Chemistry - A*	4.8	94
428	Iron(II) Formate [Fe(O2CH)2]·1/3HCO2H: A Mesoporous Magnet. Solvothermal Syntheses and Crystal Structures of the Isomorphous Framework Metal(II) Formates [M(O2CH)2]·n(Solvent) (M = Fe, Co, Ni, Zn, Mg). *European Journal of Inorganic Chemistry*, **2005**, 2005, 692-703	2.3	94
427	Syntheses, structures, and magnetic properties of a family of heterometallic heptanuclear [Cu5Ln2] (Ln = Y(III), Lu(III), Dy(III), Ho(III), Er(III), and Yb(III)) complexes: observation of SMM behavior for the Dy(III) and Ho(III) analogues. *Inorganic Chemistry*, **2013**, 52, 2588-98	5.1	91

426	[ReF(6)](2-) : a robust module for the design of molecule-based magnetic materials. *Angewandte Chemie - International Edition*, **2014**, 53, 1351-4	16.4	91
425	Mixed-valent {Mn14} aggregate encapsulated by the inorganic polyoxometalate shell: [Mn(III)13Mn(II)O12(PO4)4(PW9O34)4]31-. *Inorganic Chemistry*, **2009**, 48, 1606-12	5.1	91
424	Magnetic and 57Fe Mössbauer study of the single molecule magnet behavior of a Dy3Fe7 coordination cluster. *Inorganic Chemistry*, **2009**, 48, 9345-55	5.1	90
423	A Low Spin Manganese(IV) Nitride Single Molecule Magnet. *Chemical Science*, **2016**, 7, 6132-6140	9.4	87
422	Dinuclear Dysprosium(III) Single-Molecule Magnets with a Large Anisotropic Barrier. *Angewandte Chemie*, **2008**, 120, 8980-8983	3.6	87
421	Antiferromagnetic three-dimensional order induced by carboxylate bridges in a two-dimensional network of [Cu3(dcp)2(H2O)4] trimers. *Inorganic Chemistry*, **2003**, 42, 3492-500	5.1	87
420	Polyoxometalate-supported 3d-4f heterometallic single-molecule magnets. *Inorganic Chemistry*, **2012**, 51, 2722-4	5.1	86
419	Record ferromagnetic exchange through cyanide and elucidation of the magnetic phase diagram for a Cu(II)Re(IV)(CN)2 chain compound. *Journal of the American Chemical Society*, **2011**, 133, 123-30	16.4	86
418	The building block approach to extended solids: 3,5-pyrazoledicarboxylate coordination compounds of increasing dimensionality. *Dalton Transactions*, **2004**, 852-61	4.3	86
417	Electroactive ligands: the first metal complexes of tetrathiafulvenyl-acetylacetonate. *Inorganic Chemistry*, **2005**, 44, 8740-8	5.1	85
416	Synthesis and magnetism of oxygen-bridged tetranuclear defect dicubane Co(II) and Ni(II) clusters. *Dalton Transactions*, **2004**, 2670-6	4.3	85
415	Structure and magnetic properties of a giant Cu44II aggregate which packs with a zeotypic superstructure. *Inorganic Chemistry*, **2004**, 43, 7269-71	5.1	84
414	Unusual syntheses, structures, and electronic properties of compounds containing ternary, T3-type supertetrahedral M/Sn/S anions [M5Sn(mu3-S)4(SnS4)4](10- (M = Zn, Co). *Inorganic Chemistry*, **2005**, 44, 5686-95	5.1	83
413	[Pd3Sn8Bi6]4-: a 14-vertex Sn/Bi cluster embedding a Pd3 triangle. *Journal of the American Chemical Society*, **2011**, 133, 14168-71	16.4	82
412	Bifunctional ligand approach for constructing 3d-4f heterometallic clusters. *Inorganic Chemistry*, **2007**, 46, 7229-31	5.1	81
411	An undecanuclear Fe(III) single-molecule magnet. *Inorganic Chemistry*, **2010**, 49, 1-3	5.1	79
410	Order-disorder transition coupled with magnetic bistability in the ferricinium salt of a radical nickel dithiolene complex. *Journal of the American Chemical Society*, **2006**, 128, 14649-56	16.4	79
409	Linear trichromium complexes with direct Cr to Cr contacts. 1. Compounds with Cr3(dipyridylamide)4(2+) cores. *Inorganic Chemistry*, **2000**, 39, 748-51	5.1	79

408	Doped semimetal clusters: ternary, intermetalloid anions [Ln@Sn7Bi7]4- and [Ln@Sn4Bi9]4- (Ln = La, Ce) with adjustable magnetic properties. *Journal of the American Chemical Society*, **2012**, 134, 1181-91	16.4	78
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406	Enhancing single molecule magnet parameters. Synthesis, crystal structures and magnetic properties of mixed-valent Mn4 SMMs. *Journal of Materials Chemistry*, **2006**, 16, 2579-2586		78
405	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
404	[Eu@Sn6Bi8]4-: a mini-fullerane-type Zintl anion containing a lanthanide ion. *Angewandte Chemie - International Edition*, **2011**, 50, 960-4	16.4	75
403	A distorted cubic tetranuclear copper(II) phosphonate cage with a double-four-ring-type core. *Inorganic Chemistry*, **2008**, 47, 1067-73	5.1	75
402	Hierarchical assembly of {Fe13} oxygen-bridged clusters into a close-packed superstructure. *Angewandte Chemie - International Edition*, **2005**, 44, 6678-82	16.4	75
401	Structures and magnetic properties of Mn(III)□Ln(III)□aggregates with a "square-in-square" topology. *Dalton Transactions*, **2010**, 39, 4918-27	4.3	74
400	Formation of the layered conductive magnet CrCl(pyrazine) through redox-active coordination chemistry. *Nature Chemistry*, **2018**, 10, 1056-1061	17.6	73
399	A face-capped [Fe4L4]8+ spin crossover tetrahedral cage. *Chemical Communications*, **2013**, 49, 1597-9	5.8	71
398	Tridecanuclear [Mn(III)5Ln(III)8] complexes derived from N-(t)butyl-diethanolamine: synthesis, structures, and magnetic properties. *Inorganic Chemistry*, **2009**, 48, 6713-23	5.1	71
397	One-dimensional coordination polymers of antiferromagnetically-coupled [Mn4] single-molecule magnets. *Dalton Transactions*, **2008**, 755-66	4.3	71
396	Linear trichromium complexes with direct Cr to Cr contacts. 2. Compounds with Cr3(dipyridylamide)4(3+) cores. *Inorganic Chemistry*, **2000**, 39, 752-6	5.1	71
395	Single-Chain Magnets and Related Systems. *Structure and Bonding*, **2014**, 143-184	0.9	70
394	A polyoxometalate-based single-molecule magnet with a mixed-valent {Mn(IV)2Mn(III)6Mn(II)4} core. *Chemical Communications*, **2013**, 49, 2515-7	5.8	70
393	Spin crossover or intra-molecular electron transfer in a cyanido-bridged Fe/Co dinuclear dumbbell: a matter of state. *Chemical Science*, **2013**, 4, 2463	9.4	68
392	Tuning the metal-metal bonds in the linear tricobalt compound Co3(dpa)(4)Cl2: bond-stretch and spin-state isomers. *Inorganic Chemistry*, **2001**, 40, 1256-64	5.1	68
391	Family of Mn(III)(2)Ln(2)(mu(4)-O) compounds: syntheses, structures, and magnetic properties. *Inorganic Chemistry*, **2010**, 49, 5293-302	5.1	67

390	New linear tricobalt complex of di(2-pyridyl)amide (dpa), [Co3(dpa)4(CH3CN)2][PF6]2. *Inorganic Chemistry*, **2000**, 39, 3065-70	5.1	67
389	By design: a macrocyclic 3d-4f single-molecule magnet with quantifiable zero-field slow relaxation of magnetization. *Inorganic Chemistry*, **2013**, 52, 3236-40	5.1	66
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387	Multifunctional gels from polymeric spin-crossover metallo-gelators. *Langmuir*, **2010**, 26, 5184-95	4	66
386	Dendron-functionalized core-shell superparamagnetic nanoparticles: magnetically recoverable and reusable catalysts for suzuki C--C cross-coupling reactions. *Chemistry - A European Journal*, **2009**, 15, 12636-43	5.8	66
385	Asymmetric spin crossover behaviour and evidence of light-induced excited spin state trapping in a dinuclear iron(II) helicate. *Chemical Communications*, **2009**, 221-3	5.8	65
384	Quantum nucleation in a single-chain magnet. *Physical Review Letters*, **2005**, 95, 237203	7.4	65
383	Symmetry and topology determine the MoV-CN-MnII exchange interactions in high-spin molecules. *Angewandte Chemie - International Edition*, **2005**, 44, 2711-2715	16.4	65
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381	Light-induced excited spin state trapping and charge transfer in trigonal bipyramidal cyanide-bridged complexes. *Inorganic Chemistry*, **2011**, 50, 2782-9	5.1	63
380	High-nuclearity 3d-4f [FeIII5LnIII8] complexes: synthesis, structure and magnetic properties. *Dalton Transactions*, **2007**, 5245-7	4.3	63
379	Ancillary ligand functionalization of cyanide-bridged S = 6 Fe(III)4Ni(II)4 complexes for molecule-based electronics. *Inorganic Chemistry*, **2006**, 45, 7569-71	5.1	63
378	Synthesis, structures and magnetic properties of heterometallic Mn2IIILn2III tetranuclear complexes. *Polyhedron*, **2009**, 28, 1698-1703	2.7	62
377	Two-dimensional networks of lanthanide cubane-shaped dumbbells. *Inorganic Chemistry*, **2009**, 48, 11748-54	5.1	62
376	Polyoxometalate-based {Mn(III)2}-Schiff base composite materials exhibiting single-molecule magnet behaviour. *Chemical Communications*, **2009**, 5743-5	5.8	62
375	Ferromagnetic interactions mediated by syn□anti carboxylate bridging in tetranuclear copper(II) compounds. *Inorganica Chimica Acta*, **2002**, 337, 328-336	2.7	62
374	Controlling thermally induced electron transfer in cyano-bridged molecular squares: from solid state to solution. *Chemistry - A European Journal*, **2011**, 17, 11704-8	4.8	61
373	Intra and intermolecular magnetic interactions in a series of dinuclear Cu(II)/hxta complexes [H5hxta = N,N'-(2-hydroxy-1,3-xylylene)-bis-(N-carboxymethylglycine)]: correlation of magnetic properties with geometry. *Inorganic Chemistry*, **2004**, 43, 5931-43	5.1	61

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370	Steric and electronic control of the spin state in three-fold symmetric, four-coordinate iron(II) complexes. *Journal of the American Chemical Society*, **2014**, 136, 13326-32	16.4	59
369	Influencing the symmetry of high-nuclearity and high-spin manganese oxo clusters: supramolecular approaches to manganese-based keplerates and chiral solids. *Angewandte Chemie - International Edition*, **2012**, 51, 3007-11	16.4	59
368	Three-dimensional mesomeric networks assembled from helix-linked sheets: syntheses, structures, and magnetisms. *Dalton Transactions*, **2005**, 2609-14	4.3	59
367	Singular crystalline beta'-layered topologies directed by ribbons of self-complementary amide...amide ring motifs in [EDT-TTF-(CONH(2))(2)](2)X (X = HSO(4)(-), ClO(4)(-), ReO(4)(-), AsF(6)(-)): coupled activation of ribbon curvature, electron interactions, and magnetic susceptibility. *Journal of the American Chemical Society*, **2003**, 125, 11583-90	16.4	59
366	New approaches to magnetic clusters with hexacyanometallate building blocks. *Polyhedron*, **2001**, 20, 1727-1734	2.7	59
365	{Mn(OH2)2[Mn(bpym)(OH2)]2[Fe(CN)6]2}□a two-dimensional ferrimagnet with a partial cubane motif. *Chemical Communications*, **2000**, 1077-1078	5.8	58
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362	O?S vs. N?S intramolecular nonbonded interactions in neutral and radical cation salts of TTF-oxazoline derivatives: synthesis, theoretical investigations, crystalline structures, and physical properties. *New Journal of Chemistry*, **2007**, 31, 1468	3.6	56
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