

Rodolphe Clerac

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Evidence for Single-Chain Magnet Behavior in a MnIII~NiII Chain Designed with High Spin Magnetic Units: A Route to High Temperature Metastable Magnets. <i>Journal of the American Chemical Society</i> , 2002, 124, 12837-12844.	13.7	809
2	A Ferromagnetically Coupled Mn ¹⁹ Aggregate with a Record S=83/2 Ground Spin State. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 4926-4929.	13.8	554
3	Single-Chain Magnets: Theoretical Approach and Experimental Systems. <i>Structure and Bonding</i> , 2006, , 163-206.	1.0	553
4	Dinuclear Dysprosium(III) Single-Molecule Magnets with a Large Anisotropic Barrier. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8848-8851.	13.8	502
5	Single-Chain Magnet (NEt ₄)[Mn ₂ (5-MeOsalen) ₂ Fe(CN) ₆] Made of MnIII~FeIII~MnII Trinuclear Single-Molecule Magnet with an S=9/2 Spin Ground State. <i>Journal of the American Chemical Society</i> , 2005, 127, 3090-3099.	13.7	429
6	Slow Dynamics of the Magnetization in One-Dimensional Coordination Polymers: Single-Chain Magnets. <i>Inorganic Chemistry</i> , 2009, 48, 3420-3437.	4.0	365
7	Magnetic and Optical Bistability Driven by Thermally and Photoinduced Intramolecular Electron Transfer in a Molecular Cobalt~Iron Prussian Blue Analogue. <i>Journal of the American Chemical Society</i> , 2008, 130, 252-258.	13.7	324
8	Switchable Fe/Co Prussian blue networks and molecular analogues. <i>Chemical Society Reviews</i> , 2016, 45, 203-224.	38.1	296
9	A Bell-Shaped Mn ₁₁ Gd ₂ Single-Molecule Magnet. <i>Journal of the American Chemical Society</i> , 2007, 129, 9248-9249.	13.7	294
10	Single-molecule magnet engineering: building-block approaches. <i>Chemical Communications</i> , 2014, 50, 4396-4415.	4.1	273
11	Pentanuclear Dysprosium Hydroxy Cluster Showing Single-Molecule-Magnet Behavior. <i>Inorganic Chemistry</i> , 2008, 47, 6581-6583.	4.0	269
12	Heterometallic [Mn ₅ Ln ₄] Single-Molecule Magnets with High Anisotropy Barriers. <i>Chemistry - A European Journal</i> , 2008, 14, 3577-3584.	3.3	261
13	A Dimeric Manganese(III) Tetradentate Schiff Base Complex as a Single-Molecule Magnet. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 2801-2805.	13.8	252
14	Two-Dimensional Networks Based on Mn ⁴ Complex Linked by Dicyanamide Anion: From Single-Molecule Magnet to Classical Magnet Behavior. <i>Journal of the American Chemical Society</i> , 2006, 128, 3770-3783.	13.7	241
15	A promising new route towards single-molecule magnets based on the oxalate ligand. <i>Chemical Communications</i> , 2010, 46, 1506-1508.	4.1	236
16	An S=6 Cyanide-Bridged Octanuclear FeIII ₄ NiII ₄ Complex that Exhibits Slow Relaxation of the Magnetization. <i>Journal of the American Chemical Society</i> , 2006, 128, 4214-4215.	13.7	208
17	Reversible Thermally and Photoinduced Electron Transfer in a Cyano-Bridged {Fe ₂ Co ₂ } Square Complex. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 3752-3756.	13.8	206
18	[Mn ₂ (saltmen) ₂ Ni(pao) ₂ (L) ₂](A) ₂ with L = Pyridine, 4-Picoline, 4-tert-Butylpyridine, N-Methylimidazole and A = ClO ₄ ⁻ , BF ₄ ⁻ , PF ₆ ⁻ , ReO ₄ ⁻ : A Family of Single-Chain Magnets. <i>Inorganic Chemistry</i> , 2003, 42, 8203-8213.	4.0	204

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19	Glauber dynamics in a single-chain magnet: From theory to real systems. <i>Physical Review B</i> , 2004, 69, .	3.2	201
20	A One-Pot, High-Yield Synthesis of a Paramagnetic Nickel Square from Divergent Precursors by Anion Template Assembly. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 3477-3479.	13.8	192
21	Linear Trinuclear Mixed-Metal $\text{Co}^{\text{II}}\text{Gd}^{\text{III}}\text{Co}^{\text{II}}$ Single-Molecule Magnet: $[\text{L}_2\text{Co}_2\text{Gd}][\text{NO}_3] \cdot 2\text{CHCl}_3$ ($\text{LH}_3 = \text{Tj ETQq1}$)	4.0	191
22	Trinuclear Heterobimetallic Ni_2Ln complexes $[\text{L}_2\text{Ni}_2\text{Ln}][\text{ClO}_4]_4$ ($\text{Ln} = \text{La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, and Er}$); Tj ETQq0	4.0	190
23	Paramagnetic Complexes to Single-Molecule Magnet Behavior. <i>Inorganic Chemistry</i> , 2008, 47, 4918-4929. A $[\text{Mn}_{18}\text{Dy}]$ SMM resulting from the targeted replacement of the central Mn^{II} in the $S = 83/2$ $[\text{Mn}_{19}]$ -aggregate with Dy^{III} . <i>Chemical Communications</i> , 2009, , 544-546.	4.1	186
24	$[\text{ReCl}_4(\text{CN})_2]^{2-}$: A High Magnetic Anisotropy Building Unit Giving Rise to the Single-Chain Magnets $(\text{DMF})_4\text{MReCl}_4(\text{CN})_2$ ($\text{M} = \text{Mn, Fe}$); Tj ETQq0	4.0	186
25	Tristability in a Light-Actuated Single-Molecule Magnet. <i>Journal of the American Chemical Society</i> , 2013, 135, 15880-15884.	13.7	178
26	Hexagonal Layered Materials Composed of $[\text{M}_2(\text{O}_2\text{CCF}_3)_4]$ ($\text{M} = \text{Ru and Rh}$) Donors and TCNQ Acceptors. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 3831-3835.	13.8	175
27	Thermoreversible Gels as Magneto-Optical Switches. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 3283-3286.	13.8	173
28	Synthesis, Structure, and Magnetism of Heterobimetallic Trinuclear Complexes $\{[\text{L}_2\text{Co}_2\text{Ln}][\text{X}]\}$ [$\text{Ln} = \text{Eu, X} = \text{Cl}; \text{Ln} = \text{Tb, Dy, Ho, X} = \text{NO}_3$]; $\text{LH}_3 = (\text{S})\text{P}[\text{N}(\text{Me})\text{N} \cdot \text{CH}_2\text{C}_6\text{H}_3\text{H}_3\text{-2-OH-3-OMe}]_3$: A $3d^4f$ Family of Single-Molecule Magnets. <i>Inorganic Chemistry</i> , 2009, 48, 1148-1157.	4.0	173
29	Interplay between chains of localised spins and two-dimensional sheets of organic donors in the synthetically built magnetic multilayer. <i>European Physical Journal B</i> , 1998, 1, 439-452.	1.5	170
30	Slow Relaxation in a One-Dimensional Rational Assembly of Antiferromagnetically Coupled $[\text{Mn}_4]$ Single-Molecule Magnets. <i>Journal of the American Chemical Society</i> , 2005, 127, 17353-17363.	13.7	169
31	Controlled association of single-molecule magnets (SMMs) into coordination networks: towards a new generation of magnetic materials. <i>Dalton Transactions</i> , 2012, 41, 9569.	3.3	169
32	Single-Chain Magnet Behavior in an Alternated One-Dimensional Assembly of a Mn^{III} Schiff-Base Complex and a TCNQ Radical. <i>Chemistry - A European Journal</i> , 2006, 12, 7028-7040.	3.3	168
33	One-Dimensional Supramolecular Organization of Single-Molecule Magnets. <i>Journal of the American Chemical Society</i> , 2007, 129, 5045-5051.	13.7	168
34	Fine-Tuning the Ring-Size of Metallacyclophanes: A Rational Approach to Molecular Pentagons. <i>Journal of the American Chemical Society</i> , 2001, 123, 773-774.	13.7	164
35	Out-of-plane dimers of $\text{Mn}^{\text{(iii)}}$ quadridentate Schiff-base complexes with saltmen $^{2+}$ and naphmen $^{2+}$ ligands: structure analysis and ferromagnetic exchange. <i>Dalton Transactions RSC</i> , 2002, , 1528-1534.	2.3	160
36	Metal-to-Metal Electron Transfer in Co/Fe Prussian Blue Molecular Analogues: The Ultimate Miniaturization. <i>Journal of the American Chemical Society</i> , 2014, 136, 15461-15464.	13.7	157

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55	A series of new structural models for the OEC in photosystem II. <i>Chemical Communications</i> , 2006, , 2650-2652.	4.1	117
56	A Remarkable Family of Rhodium Acetonitrile Compounds Spanning Three Oxidation States and with Nuclearities Ranging from Mononuclear and Dinuclear to One-Dimensional Chains. <i>Journal of the American Chemical Society</i> , 1999, 121, 8005-8016.	13.7	112
57	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. <i>Inorganic Chemistry</i> , 2001, 40, 1663-1671.	4.0	112
58	A low spin manganese(IV) nitride single molecule magnet. <i>Chemical Science</i> , 2016, 7, 6132-6140.	7.4	112
59	A New Linear Tricobalt Compound with Di(2-pyridyl)amide (dpa) Ligands: Two-Step Spin Crossover of [Co ₃ (dpa) ₄ Cl ₂][BF ₄]. <i>Journal of the American Chemical Society</i> , 2000, 122, 2272-2278.	13.7	111
60	[Mn ^{III} ₆ O ₃ Ln ₂] Single-Molecule Magnets: Increasing the Energy Barrier Above 100 K. <i>Chemistry - A European Journal</i> , 2011, 17, 9605-9610.	3.3	111
61	Fine-Tuning the Single-Molecule Magnet Properties of a [Dy(III)-Radical] ₂ Pair. <i>Journal of the American Chemical Society</i> , 2013, 135, 9596-9599.	13.7	111
62	Salen-Based [Zn ₂ Ln ₃] Complexes with Fluorescence and Single-Molecule-Magnet Properties. <i>Inorganic Chemistry</i> , 2009, 48, 8051-8053.	4.0	110
63	Synthetic Strategy for Rational Design of Single-Chain Magnets. <i>Bulletin of the Chemical Society of Japan</i> , 2005, 78, 1725-1748.	3.2	109
64	Cyano-Bridged Mn ^{III} ₃ M ^{III} (M ^{III} = Fe, Cr) Complexes: Synthesis, Structure, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2005, 44, 5969-5971.	4.0	109
65	A Tetranuclear, Macrocyclic 3d ⁴ 4f Complex Showing Single-Molecule Magnet Behavior. <i>Inorganic Chemistry</i> , 2011, 50, 4232-4234.	4.0	108
66	Formation of the layered conductive magnet CrCl ₂ (pyrazine) ₂ through redox-active coordination chemistry. <i>Nature Chemistry</i> , 2018, 10, 1056-1061.	13.6	108
67	AnS = 2 Cyanide-Bridged Trinuclear Fe ^{II} ₂ Ni ^{II} Single-Molecule Magnet. <i>Inorganic Chemistry</i> , 2006, 45, 5251-5253.	4.0	104
68	Heterospin Systems Constructed from [Cu ₂ Ln] ³⁺ and [Ni(mnt) ₂] ¹⁺ Complexes (mnt = Maleonitriledithiolato). <i>Inorganic Chemistry</i> , 2008, 47, 940-950.	4.0	104
69	Ortho-Chalcogenostannates as Ligands: Syntheses, Crystal Structures, Electronic Properties, and Magnetism of Novel Compounds Containing Ternary Anionic Substructures [M ₄ (^{1/4} Se)(SnSe ₄) ₄] ₁₀ ⁴⁻ (M = Mn, Zn, Cd, Hg), [Hg ₄ (^{1/4} Se)(SnSe ₄) ₃] ₆ ⁴⁻ , or [HgSnSe ₄] ₂ ⁴⁻ . <i>Chemistry - A European Journal</i> , 2004, 10, 5147-5157.	3.3	99
70	Iron(II) Formate [Fe(O ₂ CH) ₂] _{1/3} HCO ₂ H: A Mesoporous Magnet via Solvothermal Syntheses and Crystal Structures of the Isomorphous Framework Metal(II) Formates [M(O ₂ CH) ₂] _n (Solvent) (M = Fe, Co, Ni). <i>Journal of the American Chemical Society</i> , 2000, 122, 1000-1007.	13.7	99
71	[Mn ^{II}] ₅ (5-Rsaltmen) ₂ Ni ^{II} (pao) ₂ (L) ₂ +: An S _T =3 Building Block for a Single-Chain Magnet That Behaves as a Single-Molecule Magnet. <i>Chemistry - A European Journal</i> , 2005, 11, 1592-1602.	3.3	99
72	Mixed-Valent {Mn ₁₄ } Aggregate Encapsulated by the Inorganic Polyoxometalate Shell: [Mn ^{III} ₁₃ Mn ^{II} O ₁₂ (PO ₄) ₄ (PW ₉ O ₃₄) ₄] ₃₁ ⁴⁻ . <i>Inorganic Chemistry</i> , 2009, 48, 1606-1612.	4.0	98

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73	[ReF ₆] ²⁺ : A Robust Module for the Design of Molecule-Based Magnetic Materials. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1351-1354.	13.8	98
74	Magnetic and ⁵⁷ Fe Mössbauer Study of the Single Molecule Magnet Behavior of a Dy ₃ Fe ₇ Coordination Cluster. <i>Inorganic Chemistry</i> , 2009, 48, 9345-9355.	4.0	96
75	Polyoxometalate-Supported 3d-4f Heterometallic Single-Molecule Magnets. <i>Inorganic Chemistry</i> , 2012, 51, 2722-2724.	4.0	96
76	Syntheses, Structures, and Magnetic Properties of a Family of Heterometallic Heptanuclear [Cu ₅ Ln ₂] (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. <i>Inorganic Chemistry</i> , 2013, 52, 2588-2598.	4.0	96
77	The building block approach to extended solids: 3,5-pyrazoledicarboxylate coordination compounds of increasing dimensionality. <i>Dalton Transactions</i> , 2004, , 852-861.	3.3	94
78	Antiferromagnetic Three-Dimensional Order Induced by Carboxylate Bridges in a Two-Dimensional Network of [Cu ₃ (dcp) ₂ (H ₂ O) ₄] Trimers. <i>Inorganic Chemistry</i> , 2003, 42, 3492-3500.	4.0	92
79	[Pd ₃ Sn ₈ Bi ₆] ⁴⁺ : A 14-Vertex Sn/Bi Cluster Embedding a Pd ₃ Triangle. <i>Journal of the American Chemical Society</i> , 2011, 133, 14168-14171.	13.7	92
80	Metal-organic magnets with large coercivity and ordering temperatures up to 242 Å°C. <i>Science</i> , 2020, 370, 587-592.	12.6	91
81	Record Ferromagnetic Exchange through Cyanide and Elucidation of the Magnetic Phase Diagram for a CuIIReIV(CN) ₂ Chain Compound. <i>Journal of the American Chemical Society</i> , 2011, 133, 123-130.	13.7	89
82	Doped Semimetal Clusters: Ternary, Intermetallic Anions [Ln@Sn ₇ Bi ₇] ⁴⁺ and [Ln@Sn ₄ Bi ₉] ⁴⁺ (Ln = La, Ce) with Adjustable Magnetic Properties. <i>Journal of the American Chemical Society</i> , 2012, 134, 1181-1191.	13.7	89
83	A face-capped [Fe ₄ L ₄] ⁸⁺ spin crossover tetrahedral cage. <i>Chemical Communications</i> , 2013, 49, 1597.	4.1	89
84	Linear Trichromium Complexes with Direct Cr to Cr Contacts. 1. Compounds with Cr ₃ (dipyridylamide) ₂ +Cores. <i>Inorganic Chemistry</i> , 2000, 39, 748-751.	4.0	88
85	Electroactive Ligands: The First Metal Complexes of Tetrathiafulvenyl Acetylacetonate. <i>Inorganic Chemistry</i> , 2005, 44, 8740-8748.	4.0	88
86	Structure and Magnetic Properties of a Giant Cu ₄₄ Aggregate Which Packs with a Zeotypic Superstructure. <i>Inorganic Chemistry</i> , 2004, 43, 7269-7271.	4.0	87
87	Unusual Syntheses, Structures, and Electronic Properties of Compounds Containing Ternary, T ₃ -Type Supertetrahedral M/Sn/S Anions [M ₅ Sn(1/4 ³ -S) ₄ (Sn ₄) ₄] ₁₀ (M = Zn, Co). <i>Inorganic Chemistry</i> , 2005, 44, 5686-5695.	4.0	87
88	Order-Disorder Transition Coupled with Magnetic Bistability in the Ferricinium Salt of a Radical Nickel Dithiolene Complex. <i>Journal of the American Chemical Society</i> , 2006, 128, 14649-14656.	13.7	87
89	Synthesis and magnetism of oxygen-bridged tetranuclear defect dicubane Co(ii) and Ni(ii) clusters. <i>Dalton Transactions</i> , 2004, , 2670-2676.	3.3	86
90	[Eu@Sn ₆ Bi ₈] ⁴⁺ : A Mini-Fullerene-Type Zintl Anion Containing a Lanthanide Ion. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 960-964.	13.8	86

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91	Bifunctional Ligand Approach for Constructing 3d ⁴ f Heterometallic Clusters. <i>Inorganic Chemistry</i> , 2007, 46, 7229-7231.	4.0	84
92	Multifunctional Gels from Polymeric Spin-Crossover Metallo-Gelators. <i>Langmuir</i> , 2010, 26, 5184-5195.	3.5	84
93	An Undecanuclear Fe ^{III} Single-Molecule Magnet. <i>Inorganic Chemistry</i> , 2010, 49, 1-3.	4.0	83
94	Main Group Metal-Actinide Magnetic Coupling and Structural Response Upon U ⁴⁺ Inclusion Into Bi, Tl/Bi, or Pb/Bi Cages. <i>Journal of the American Chemical Society</i> , 2016, 138, 9033-9036.	13.7	83
95	Spin crossover or intra-molecular electron transfer in a cyanido-bridged Fe/Co dinuclear dumbbell: a matter of state. <i>Chemical Science</i> , 2013, 4, 2463.	7.4	82
96	Hierarchical Assembly of {Fe ₁₃ } Oxygen-Bridged Clusters into a Close-Packed Superstructure. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 6678-6682.	13.8	80
97	(EDT-TTF-CONH ₂) ₆ [Re ₆ Se ₈ (CN) ₆], a Metallic Kagome-Type Organic-Inorganic Hybrid Compound: Electronic Instability, Molecular Motion, and Charge Localization. <i>Journal of the American Chemical Society</i> , 2005, 127, 11785-11797.	13.7	80
98	A polyoxometalate-based single-molecule magnet with a mixed-valent {Mn ^{IV} ₂ Mn ^{III} ₆ Mn ^{II} ₄ } core. <i>Chemical Communications</i> , 2013, 49, 2515.	4.1	80
99	Enhancing single molecule magnet parameters. Synthesis, crystal structures and magnetic properties of mixed-valent Mn ₄ SMMs. <i>Journal of Materials Chemistry</i> , 2006, 16, 2579-2586.	6.7	79
100	Direct evidence of exchange interaction dependence of magnetization relaxation in a family of ferromagnetic-type single-chain magnets. <i>Journal of Materials Chemistry</i> , 2007, 17, 2002-2012.	6.7	79
101	A Distorted Cubic Tetranuclear Copper(II) Phosphonate Cage with a Double-Four-Ring-Type Core. <i>Inorganic Chemistry</i> , 2008, 47, 1067-1073.	4.0	79
102	Structures and magnetic properties of Mn ^{III} ₄ Ln ^{III} ₄ aggregates with a "square-in-square" topology. <i>Dalton Transactions</i> , 2010, 39, 4918.	3.3	78
103	Linear Trichromium Complexes with Direct Cr to Cr Contacts. 2. Compounds with Cr ₃ (dipyridylamide) ₄ +Cores. <i>Inorganic Chemistry</i> , 2000, 39, 752-756.	4.0	77
104	New Linear Tricobalt Complex of Di(2-pyridyl)amide (dpa), [Co ₃ (dpa) ₄ (CH ₃ CN) ₂][PF ₆] ₂ . <i>Inorganic Chemistry</i> , 2000, 39, 3065-3070.	4.0	77
105	Controlling Thermally Induced Electron Transfer in Cyano-Bridged Molecular Squares: From Solid State to Solution. <i>Chemistry - A European Journal</i> , 2011, 17, 11704-11708.	3.3	76
106	Single-Chain Magnets and Related Systems. <i>Structure and Bonding</i> , 2014, , 143-184.	1.0	76
107	One-dimensional coordination polymers of antiferromagnetically-coupled [Mn ₄] single-molecule magnets. <i>Dalton Transactions</i> , 2008, , 755-766.	3.3	75
108	Ancillary Ligand Functionalization of Cyanide-Bridged S = 6 Fe ^{III} ₄ Ni ^{II} ₄ Complexes for Molecule-Based Electronics. <i>Inorganic Chemistry</i> , 2006, 45, 7569-7571.	4.0	74

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109	Quantum Nucleation in a Single-Chain Magnet. <i>Physical Review Letters</i> , 2005, 95, 237203.	7.8	73
110	Dendronâ€Functionalized Coreâ€Shell Superparamagnetic Nanoparticles: Magnetically Recoverable and Reusable Catalysts for Suzuki C-C Crossâ€Coupling Reactions. <i>Chemistry - A European Journal</i> , 2009, 15, 12636-12643.	3.3	73
111	Tuning the Metalâ€Metal Bonds in the Linear Tricobalt Compound Co ₃ (dpa) ₄ Cl ₂ : A Bond-Stretch and Spin-State Isomers. <i>Inorganic Chemistry</i> , 2001, 40, 1256-1264.	4.0	72
112	Slow Magnetic Relaxation and Charge-Transfer in Cyano-Bridged Coordination Clusters Incorporating [Re(CN) ₇] ³⁻ /4 ⁻ . <i>Inorganic Chemistry</i> , 2010, 49, 8886-8896.	4.0	72
113	Family of Mn ^{III} ₂ Ln ₂ (¹ / ₄ -O) Compounds: Syntheses, Structures, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2010, 49, 5293-5302.	4.0	72
114	Tridecanuclear [Mn ^{III} ₅ Ln ^{III} ₈] Complexes Derived from <i>N</i> - <i>t</i> -Butyl-diethanolamine: Synthesis, Structures, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2009, 48, 6713-6723.	4.0	71
115	Asymmetric spin crossover behaviour and evidence of light-induced excited spin state trapping in a dinuclear iron(<i>sc</i>) helicate. <i>Chemical Communications</i> , 2009, , 221-223.	4.1	70
116	Polyoxometalate-based {Mn ^{III} }_2 Schiff base composite materials exhibiting single-molecule magnet behaviour. <i>Chemical Communications</i> , 2009, , 5743.	4.1	70
117	Symmetry and Topology Determine the MoV-CN-MnII Exchange Interactions in High-Spin Molecules. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 2711-2715.	13.8	69
118	By Design: A Macrocyclic 3dâ€4f Single-Molecule Magnet with Quantifiable Zero-Field Slow Relaxation of Magnetization. <i>Inorganic Chemistry</i> , 2013, 52, 3236-3240.	4.0	69
119	Steric and Electronic Control of the Spin State in Three-Fold Symmetric, Four-Coordinate Iron(II) Complexes. <i>Journal of the American Chemical Society</i> , 2014, 136, 13326-13332.	13.7	69
120	Light-Induced Excited Spin State Trapping and Charge Transfer in Trigonal Bipyramidal Cyanide-Bridged Complexes. <i>Inorganic Chemistry</i> , 2011, 50, 2782-2789.	4.0	68
121	Compounds with Symmetrical Tricobalt Chains Wrapped by Dipyritylamide Ligands and Cyanide or Isothiocyanate Ions as Terminal Ligands. <i>Inorganic Chemistry</i> , 2001, 40, 1265-1270.	4.0	67
122	New approaches to magnetic clusters with hexacyanometallate building blocks. <i>Polyhedron</i> , 2001, 20, 1727-1734.	2.2	67
123	Two-Dimensional Networks of Lanthanide Cubane-Shaped Dumbbells. <i>Inorganic Chemistry</i> , 2009, 48, 11748-11754.	4.0	67
124	Multistability at Room Temperature in a Bent-Shaped Spin-Crossover Complex Decorated with Long Alkyl Chains. <i>Journal of the American Chemical Society</i> , 2018, 140, 98-101.	13.7	67
125	The first crystal structure of a one-dimensional chain of linked Rullâ€Rull units. <i>Dalton Transactions RSC</i> , 2001, , 858-861.	2.3	66
126	Singular Crystalline 2â€Layered Topologies Directed by Ribbons of Self-Complementary Amideâ€Amide Ring Motifs in [EDT-TTF-(CONH ₂) ₂] ₂ X (X = HSO ₄ ⁻ , ClO ₄ ⁻ , ReO ₄ ⁻ , AsF ₆ ⁻): A Coupled Activation of Ribbon Curvature, Electron Interactions, and Magnetic Susceptibility. <i>Journal of the American Chemical Society</i> , 2003, 125, 11583-11590.	13.7	66

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127	High-nuclearity 3d ^{4f} [FeIII5LnIII8] complexes: synthesis, structure and magnetic properties. Dalton Transactions, 2007, , 5245.	3.3	65
128	Synthesis, structures and magnetic properties of heterometallic tetranuclear complexes. Polyhedron, 2009, 28, 1698-1703.	2.2	64
129	{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.	4.1	63
130	Ferromagnetic interactions mediated by syn ⁺ anti carboxylate bridging in tetranuclear copper(II) compounds. Inorganica Chimica Acta, 2002, 337, 328-336.	2.4	63
131	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)}: A Correlation of Magnetic Properties with Geometry. Inorganic Chemistry, 2004, 43, 5931-5943.	4.0	63
132	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, 3007-3011.	13.8	63
133	Spin State Chemistry: Modulation of Ligand p <i>K</i> _a by Spin State Switching in a [2 ⁺ -2] Iron(II) Grid-Type Complex. Journal of the American Chemical Society, 2018, 140, 8218-8227.	13.7	63
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