

Rodolphe Clerac

List of Publications by Year in descending order

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all docs

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times ranked

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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.	6.6	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.	7.2	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.	7.2	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.	6.6	429
6	Slow Dynamics of the Magnetization in One-Dimensional Coordination Polymers: Single-Chain Magnets. <i>Inorganic Chemistry</i> , 2009, 48, 3420-3437.	1.9	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.	6.6	324
8	Switchable Fe/Co Prussian blue networks and molecular analogues. <i>Chemical Society Reviews</i> , 2016, 45, 203-224.	18.7	296
9	A Bell-Shaped Mn ₁₁ Gd ₂ Single-Molecule Magnet. <i>Journal of the American Chemical Society</i> , 2007, 129, 9248-9249.	6.6	294
10	Single-molecule magnet engineering: building-block approaches. <i>Chemical Communications</i> , 2014, 50, 4396-4415.	2.2	273
11	Pentanuclear Dysprosium Hydroxy Cluster Showing Single-Molecule-Magnet Behavior. <i>Inorganic Chemistry</i> , 2008, 47, 6581-6583.	1.9	269
12	Heterometallic [Mn ₅ Ln ₄] Single-Molecule Magnets with High Anisotropy Barriers. <i>Chemistry - A European Journal</i> , 2008, 14, 3577-3584.	1.7	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.	7.2	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.	6.6	241
15	A promising new route towards single-molecule magnets based on the oxalate ligand. <i>Chemical Communications</i> , 2010, 46, 1506-1508.	2.2	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.	6.6	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.	7.2	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.	1.9	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, .	1.1	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.	7.2	192
21	Linear Trinuclear Mixed-Metal $\text{Co}^{\text{II}}\text{Gd}^{\text{III}}\text{Co}^{\text{II}}$ Single-Molecule Magnet: $[\text{L}_2\text{Co}_2\text{Gd}][\text{NO}_3]\cdot 2\text{CHCl}_3$ (LH3 =) Tj ETQq1 1,0,7843	1.9	191
22	Trinuclear Heterobimetallic Ni_2Ln complexes $[\text{L}_2\text{Ni}_2\text{Ln}][\text{ClO}_4]_4$ (Ln = La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, and Er;) $\text{Tj ETQq0 0 0 rgBT /Overloc}$	1.9	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.	2.2	186
24	$[\text{ReCl}_4(\text{CN})_2]^{2-}$: A High Magnetic Anisotropy Building Unit Giving Rise to the Single-Chain Magnets $(\text{DMF})_4\text{MReCl}_4(\text{CN})_2$ (M = Mn, Fe,) $\text{Tj ETQq0 0 0 rgBT /Overloc}$	0.9	184
25	Tristability in a Light-Actuated Single-Molecule Magnet. <i>Journal of the American Chemical Society</i> , 2013, 135, 15880-15884.	6.6	178
26	Hexagonal Layered Materials Composed of $[\text{M}_2(\text{O}_2\text{CCF}_3)_4]$ (M=Ru and Rh) Donors and TCNQ Acceptors. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 3831-3835.	7.2	175
27	Thermoreversible Gels as Magneto-Optical Switches. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 3283-3286.	7.2	173
28	Synthesis, Structure, and Magnetism of Heterobimetallic Trinuclear Complexes $\{[\text{L}_2\text{Co}_2\text{Ln}][\text{X}]\}$ [Ln = Eu, X = Cl; Ln = Tb, Dy, Ho, X = NO_3 ; LH ₃ = (S)P[N(Me)N \cdot CH \cdot C ₆ H ₃ -2-OH-3-OMe] ₃]; A $3d^4f$ Family of Single-Molecule Magnets. <i>Inorganic Chemistry</i> , 2009, 48, 1148-1157.	1.9	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.	0.6	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.	6.6	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.	1.6	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.	1.7	168
33	One-Dimensional Supramolecular Organization of Single-Molecule Magnets. <i>Journal of the American Chemical Society</i> , 2007, 129, 5045-5051.	6.6	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.	6.6	164
35	Out-of-plane dimers of Mn(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.	6.6	157

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37	Rational Assembly of High-Spin Polynuclear Magnetic Complexes into Coordination Networks: the Case of a [Mn ₄] Single-Molecule Magnet Building Block. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 4325-4342.	1.0	156
38	Photoinduced Single-Molecule Magnet Properties in a Four-Coordinate Iron(II) Spin Crossover Complex. <i>Journal of the American Chemical Society</i> , 2013, 135, 19083-19086.	6.6	155
39	New Crystalline Polymers of Ag(TCNQ) and Ag(TCNQF4): Structures and Magnetic Properties. <i>Journal of Solid State Chemistry</i> , 2000, 152, 159-173.	1.4	154
40	Three-Dimensional Antiferromagnetic Order of Single-Chain Magnets: A New Approach to Design Molecule-Based Magnets. <i>Chemistry - A European Journal</i> , 2010, 16, 3656-3662.	1.7	149
41	Enantiomerically Pure Chiral {Fe ₂₈ } Wheels. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 1581-1584.	7.2	144
42	Realization of a Magnet Using an Antiferromagnetic Phase of Single-Chain Magnets. <i>Physical Review Letters</i> , 2009, 102, 167204.	2.9	144
43	Ferromagnetic Ordering, Anisotropy, and Spin Reorientation for the Cyano-Bridged Bimetallic Compound Mn ₂ (H ₂ O) ₅ Mo(CN) ₇ ·4H ₂ O (I± Phase). <i>Journal of the American Chemical Society</i> , 1998, 120, 13088-13095.	6.6	142
44	Linear Tricobalt Compounds with Di(2-pyridyl)amide (dpa) Ligands: Temperature Dependence of the Structural and Magnetic Properties of Symmetrical and Unsymmetrical Forms of Co ₃ (dpa) ₄ Cl ₂ in the Solid State. <i>Journal of the American Chemical Society</i> , 2000, 122, 6226-6236.	6.6	141
45	A Three-Dimensional Ferrimagnet Composed of Mixed-Valence Mn ⁴⁺ Clusters Linked by an {Mn[N(CN) ₂] ₆ } ₄ Unit. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 707-711.	7.2	141
46	Further Study of the Linear Trinickel(II) Complex of Dipyritylamide. <i>Inorganic Chemistry</i> , 1999, 38, 2655-2657.	1.9	132
47	Glassy Magnets Composed of Metals Coordinated to 7,7,8,8-tetracyanoquinodimethane: M(TCNQ) ₂ (M = Tl, UO ₂ , NpO ₂ , PuO ₂ , ThO ₂ , ZrO ₂ , HfO ₂ , UO ₂ , NpO ₂ , PuO ₂ , ThO ₂ , ZrO ₂ , HfO ₂). <i>Journal of the American Chemical Society</i> , 2000, 122, 10784-10791.	3.2	132
48	Quantum Tunneling and Quantum Phase Interference in a [MnII ₂ MnIII ₂] Single-Molecule Magnet. <i>Journal of the American Chemical Society</i> , 2005, 127, 11311-11317.	6.6	129
49	Rational Design of a Photomagnetic Chain: Bridging Single-Molecule Magnets with a Spin-Crossover Complex. <i>Journal of the American Chemical Society</i> , 2013, 135, 14840-14853.	6.6	129
50	Protein-Sized Chiral Fe ₁₆₈ Cages with NbO-Type Topology. <i>Journal of the American Chemical Society</i> , 2009, 131, 14600-14601.	6.6	128
51	Structure, Ferromagnetic Ordering, Anisotropy, and Spin Reorientation for the Two-Dimensional Cyano-Bridged Bimetallic Compound K ₂ Mn ₃ (H ₂ O) ₆ [Mo(CN) ₇] ₂ ·6H ₂ O. <i>Journal of the American Chemical Society</i> , 1999, 121, 3349-3356.	6.6	123
52	Thermochromic and Photoresponsive Cyanometalate Fe/Co Squares: Toward Control of the Electron Transfer Temperature. <i>Journal of the American Chemical Society</i> , 2014, 136, 16854-16864.	6.6	123
53	Cyano-Bridged Mn ^{III} Single-Chain Magnets with Mn ^{III} =Co ^{III} , Fe ^{III} , Mn ^{III} , and Cr ^{III} . <i>Chemistry - A European Journal</i> , 2012, 18, 3942-3954.	1.7	122
54	Cyanide Single-Molecule Magnets Exhibiting Solvent Dependent Reversible On- and Off-Exchange Bias Behavior. <i>Journal of the American Chemical Society</i> , 2015, 137, 14406-14422.	6.6	121

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55	A series of new structural models for the OEC in photosystem II. <i>Chemical Communications</i> , 2006, , 2650-2652.	2.2	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.	6.6	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.	1.9	112
58	A low spin manganese(IV) nitride single molecule magnet. <i>Chemical Science</i> , 2016, 7, 6132-6140.	3.7	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.	6.6	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.	1.7	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.	6.6	111
62	Salen-Based [Zn ₂ Ln ₃] Complexes with Fluorescence and Single-Molecule-Magnet Properties. <i>Inorganic Chemistry</i> , 2009, 48, 8051-8053.	1.9	110
63	Synthetic Strategy for Rational Design of Single-Chain Magnets. <i>Bulletin of the Chemical Society of Japan</i> , 2005, 78, 1725-1748.	2.0	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.	1.9	109
65	A Tetranuclear, Macrocyclic 3d ⁴ 4f Complex Showing Single-Molecule Magnet Behavior. <i>Inorganic Chemistry</i> , 2011, 50, 4232-4234.	1.9	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.	6.6	108
67	AnS = 2 Cyanide-Bridged Trinuclear Fe ^{II} ₂ Ni ^{II} Single-Molecule Magnet. <i>Inorganic Chemistry</i> , 2006, 45, 5251-5253.	1.9	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.	1.9	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.	1.7	99
70	Iron(II) Formate [Fe(O ₂ CH) ₂] _{1/3} HCO ₂ H: A Mesoporous Magnet - 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.	10.0	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.	1.7	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.	1.9	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.	7.2	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.	1.9	96
75	Polyoxometalate-Supported 3d-4f Heterometallic Single-Molecule Magnets. <i>Inorganic Chemistry</i> , 2012, 51, 2722-2724.	1.9	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.	1.9	96
77	The building block approach to extended solids: 3,5-pyrazoledicarboxylate coordination compounds of increasing dimensionality. <i>Dalton Transactions</i> , 2004, , 852-861.	1.6	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.	1.9	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.	6.6	92
80	Metal-organic magnets with large coercivity and ordering temperatures up to 242 Å°C. <i>Science</i> , 2020, 370, 587-592.	6.0	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.	6.6	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.	6.6	89
83	A face-capped [Fe ₄ L ₄] ⁸⁺ spin crossover tetrahedral cage. <i>Chemical Communications</i> , 2013, 49, 1597.	2.2	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.	1.9	88
85	Electroactive Ligands: The First Metal Complexes of Tetrathiafulvenyl Acetylacetonate. <i>Inorganic Chemistry</i> , 2005, 44, 8740-8748.	1.9	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.	1.9	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.	1.9	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.	6.6	87
89	Synthesis and magnetism of oxygen-bridged tetranuclear defect dicubane Co(ii) and Ni(ii) clusters. <i>Dalton Transactions</i> , 2004, , 2670-2676.	1.6	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.	7.2	86

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91	Bifunctional Ligand Approach for Constructing 3d ⁺ 4f Heterometallic Clusters. <i>Inorganic Chemistry</i> , 2007, 46, 7229-7231.	1.9	84
92	Multifunctional Gels from Polymeric Spin-Crossover Metallo-Gelators. <i>Langmuir</i> , 2010, 26, 5184-5195.	1.6	84
93	An Undecanuclear Fe ^{III} Single-Molecule Magnet. <i>Inorganic Chemistry</i> , 2010, 49, 1-3.	1.9	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.	6.6	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.	3.7	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.	7.2	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.	6.6	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.	2.2	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.	1.9	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.	1.6	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.	1.9	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.	1.9	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.	1.7	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.	1.6	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.	1.9	74

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109	Quantum Nucleation in a Single-Chain Magnet. <i>Physical Review Letters</i> , 2005, 95, 237203.	2.9	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.	1.7	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.	1.9	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.	1.9	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.	1.9	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.	1.9	71
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484	Dithiolene complexes as metalloligands: [Cu(en) ₂][Cu(mnt) ₂], an S = 1/2 spin chain. <i>Comptes Rendus Chimie</i> , 2012, 15, 845-848.	0.2	0
485	Innentitelbild: [ReF ₆] ₂ âˆ²: A Robust Module for the Design of Molecule-Based Magnetic Materials (<i>Angew. Chem.</i> 5/2014). <i>Angewandte Chemie</i> , 2014, 126, 1192-1192.	1.6	0
486	Slow Magnetic Relaxation in Dysprosium Based Single-Ion Magnets. <i>IFMBE Proceedings</i> , 2016, , 134-137.	0.2	0

#	ARTICLE	IF	CITATIONS
487	Formation of the unprecedented trinuclear $[\text{NiCu}_2(\text{CN})_8]^{4-}$ complex anion within the crystal structure of $[\text{Ni}(\text{5,5}^{\text{-dmbpy}})_3]_2[\text{NiCu}_2(\text{CN})_8] \cdot 6\text{H}_2\text{O}$. <i>Inorganic Chemistry Communication</i> , 2018, 91, 16-19.	1.8	0
488	$[\text{U}^{\text{IV}}\text{F}_6]^{2-}$: A Molecular Hexafluorido Actinide(IV) Complex with Compensating Spin and Orbital Magnetic Moments. <i>Angewandte Chemie</i> , 2019, 131, 15797-15801.	1.6	0
489	$[\text{U}^{\text{IV}}\text{F}_6]^{2-}$: A Molecular Hexafluorido Actinide(IV) Complex with Compensating Spin and Orbital Magnetic Moments (<i>Angew. Chem.</i> 44/2019). <i>Angewandte Chemie</i> , 2019, 131, 16084-16084.	1.6	0
490	Enantiomeric resolution of helicochiral paddlewheel complexes and their infrared, Raman, UV-vis and X-ray optical activity. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2018, 74, a108-a108.	0.0	0
491	Self-assembly synthesis of a [2]catenane Co(II) single-molecule magnet. <i>Angewandte Chemie</i> , 0, , .	1.6	0