Marco Evangelisti

List of Publications by Year
in descending order

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139 papers	8,296 citations	47 h-index	88 g-index
		47006	48315
151 all docs	151 docs citations	151 times ranked	4190 citing authors

#	Article	IF	Citations
1	Recipes for enhanced molecular cooling. Dalton Transactions, 2010, 39, 4672.	3.3	424
2	Coâ€“Ln Mixed-Metal Phosphonate Grids and Cages as Molecular Magnetic Refrigerants. Journal of the American Chemical Society, 2012, 134, 1057-1065.	13.7	353
3	Magnetothermal properties of molecule-based materials. Journal of Materials Chemistry, 2006, 16, 2534.	6.7	295
4	Cryogenic Magnetocaloric Effect in a Ferromagnetic Molecular Dimer. Angewandte Chemie - International Edition, 2011, 50, 6606-6609.	13.8	286
5	[Mn^{III}₄Ln^{III}₄] Calix[4]arene Clusters as Enhanced Magnetic Coolers and Molecular Magnets. Journal of the American Chemical Society, 2010, 132, 12983-12990.	13.7	278
6	Large Magnetocaloric Effect in a Wellsâ€“Dawson Type {Ni₆Gd₆P₆} Cage. Angewandte Chemie - International Edition, 2011, 50, 3692-3695.	13.8	278
7	A Dense Metalâ€“Organic Framework for Enhanced Magnetic Refrigeration. Advanced Materials, 2013, 25, 4653-4656.	21.0	273
8	A Calix[4]arene 3d/4f Magnetic Cooler. Angewandte Chemie - International Edition, 2009, 48, 9928-9931.	13.8	235
9	Coâ€“Gd phosphonate complexes as magnetic refrigerants. Chemical Science, 2011, 2, 99-102.	7.4	234
10	Lanthanoid Single-Ion Magnets Based on Polyoxometalates with a 5-fold Symmetry: The Series [LnP₅W₃₀O₁₁₀]^{12â€“} (Ln³⁺ = Tb, Dy, Ho, Er,) Tj ETQq0 0 0 rgBT /Ov	13.7	230
11	Mixed-Valent Mn Supertetrahedra and Planar Discs as Enhanced Magnetic Coolers. Journal of the American Chemical Society, 2008, 130, 11129-11139.	13.7	219
12	Gd-Based Single-Ion Magnets with Tunable Magnetic Anisotropy: Molecular Design of Spin Qubits. Physical Review Letters, 2012, 108, 247213.	7.8	199
13	Molecular coolers: The case for [CuII5GdIII4]. Chemical Science, 2011, 2, 1166.	7.4	197
14	A Ferromagnetic Mixed-Valent Mn Supertetrahedron: Towards Low-Temperature Magnetic Refrigeration with Molecular Clusters. Angewandte Chemie - International Edition, 2007, 46, 4456-4460.	13.8	184
15	The Importance of Being Exchanged: [Gd^{III}₄M^{II}₈(OH)₈(L)₈(O₂₈R)₈₈ Clusters for Magnetic Refrigeration. Angewandte Chemie - International Edition, 2012, 51, 4633-4636.	13.8	178
16	Spin-enhanced magnetocaloric effect in molecular nanomagnets. Applied Physics Letters, 2005, 87, 072504.	3.3	166
17	Increasing the dimensionality of cryogenic molecular coolers: Gd-based polymers and metalâ€“organic frameworks. Chemical Communications, 2012, 48, 7592.	4.1	147
18	1,2,3-Triazolate-Bridged Tetradecametallic Transition Metal Clusters [M14(L)6O6(OMe)18X6] (M = FeIII,) Tj ETQq0 0 0 rgBT /Overlock 1 Spin-Enhanced Magnetocaloric Effect. Inorganic Chemistry, 2007, 46, 4968-4978.	4.0	146

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19	Molecular Prototypes for Spin-Based CNOT and SWAP Quantum Gates. Physical Review Letters, 2011, 107, 117203.	7.8	146
20	Quantum signatures of a molecular nanomagnet in direct magnetocaloric measurements. Nature Communications, 2014, 5, 5321.	12.8	115
21	Single molecule magnets for quantum computation. Journal Physics D: Applied Physics, 2007, 40, 2999-3004.	2.8	102
22	Magnetic structure and magnetocalorics of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>GdPO</mml:mi><mml:mn>4</mml:mn></mml:msub></m Physical Review B, 2014, 90, .	3.2	100
23	Large adiabatic temperature and magnetic entropy changes in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>EuTi</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2016, 93, .	3.2	100
24	Rational Electrostatic Design of Easyâ€Axis Magnetic Anisotropy in a Zn^{II}â€“Dy^{III}â€“Zn^{II} Singleâ€Molecule Magnet with a High Energy Barrier. Chemistry - A European Journal, 2014, 20, 14262-14269.	3.3	95
25	Magnetic properties ofÎ±-iron(II) phthalocyanine. Physical Review B, 2002, 66, .	3.2	93
26	Closely-Related Zn^{II}₂Ln^{III}₂ Complexes (Ln^{III} = Gd, Yb) with Either Magnetic Refrigerant or Luminescent Single-Molecule Magnet Properties. Inorganic Chemistry, 2014, 53, 3586-3594.	4.0	93
27	Magnetothermal Studies of a Series of Coordination Clusters Built from Ferromagnetically Coupled {Mn^{II}₄Mn^{III}₆} Supertetrahedral Units. Chemistry - A European Journal, 2010, 16, 12865-12872.	3.3	92
28	Fluoride Bridges as Structure-Directing Motifs in 3d-4f Cluster Chemistry. Inorganic Chemistry, 2012, 51, 5435-5443.	4.0	86
29	Fluorideâ€Bridged {Gd^{III}₃M^{III}₂} (M=Cr, Fe, Ga) Molecular Magnetic Refrigerants. Angewandte Chemie - International Edition, 2014, 53, 2394-2397.	13.8	86
30	Linking Rings through Diamines and Clusters: Exploring Synthetic Methods for Making Magnetic Quantum Gates. Angewandte Chemie - International Edition, 2005, 44, 6496-6500.	13.8	80
31	Magnetocaloric effect in spin-degenerated molecular nanomagnets. Physical Review B, 2009, 79, .	3.2	79
32	1D chains of Mn6 single-molecule magnets. Chemical Communications, 2009, , 2023.	4.1	75
33	Fragmenting Gadolinium: Mononuclear Polyoxometalateâ€Based Magnetic Coolers for Ultraâ€Low Temperatures. Advanced Materials, 2012, 24, 4301-4305.	21.0	74
34	Decanuclear Ln₁₀ Wheels and Vertexâ€Shared Spirocyclic Ln₅ Cores: Synthesis, Structure, SMM Behavior, and MCE Properties. Chemistry - A European Journal, 2015, 21, 16955-16967.	3.3	67
35	Calix[4]arene-supported rare earth octahedra. Chemical Communications, 2012, 48, 1449-1451.	4.1	65
36	Magnetic â€œMolecular Oligomersâ€•Based on Decametallic Supertetrahedra: A Giant Mn₄₉ Cuboctahedron and its Mn₂₅Na₄ Fragment. Angewandte Chemie - International Edition, 2016, 55, 679-684.	13.8	62

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37	A Molecular Pair of [GdNi₃] Tetrahedra Bridged by Water Molecules. Chemistry - A European Journal, 2011, 17, 8264-8268.	3.3	58
38	Molecular Nanoscale Magnetic Refrigerants: A Ferrimagnetic {Cu^{II}₁₅Gd^{III}₇} Cagelike Cluster from the Use of Pyridine-2,6-dimethanol. Inorganic Chemistry, 2013, 52, 10235-10237.	4.0	58
39	Magnetic Long-Range Order Induced by Quantum Relaxation in Single-Molecule Magnets. Physical Review Letters, 2004, 93, 117202.	7.8	57
40	Theoretical Studies on Polynuclear {Cu^{II}₅Gd^{III}_n} Clusters (n = 4, 2): Towards Understanding Their Large Magnetocaloric Effect. Inorganic Chemistry, 2015, 54, 1661-1670.	4.0	57
41	Enhancing Ueff in oxime-bridged [MnIII6LnIII2] hexagonal prisms. Dalton Transactions, 2011, 40, 4797.	3.3	56
42	Magnetocaloric effect in hexacyanochromate Prussian blue analogs. Physical Review B, 2006, 73, .	3.2	53
43	A ferromagnetically coupled diphenoxo-bridged Gd3+â€“Mn2+ dinuclear complex with a large magneto-caloric effect. Chemical Communications, 2013, 49, 3845.	4.1	52
44	Rotating Magnetocaloric Effect in an Anisotropic Molecular Dimer. Angewandte Chemie - International Edition, 2016, 55, 3360-3363.	13.8	50
45	Using pyridine amidoximes in 3d-metal cluster chemistry: a novel ferromagnetic Ni12 complex from the use of pyridine-2-amidoxime. Dalton Transactions, 2008, , 3153.	3.3	48
46	Fluoride-bridged {Ln2Cr2} polynuclear complexes from semi-labile mer-[CrF3(py)3] and [Ln(hfac)3(H2O)2]. Dalton Transactions, 2012, 41, 11284.	3.3	43
47	Synthesis, Structure, and Magnetism of a Family of Heterometallic {Cu2Ln7} and {Cu4Ln12} (Ln = Gd, Tb,) Tj ETQq1 1 0.784314 rgBT /O 2014, 53, 13154-13161.	4.0	42
48	Observation of the influence of dipolar and spin frustration effects on the magnetocaloric properties of a trigonal prismatic {Gd₇} molecular nanomagnet. Chemical Science, 2016, 7, 4891-4895.	7.4	42
49	Two C₃â€Symmetric Dy₃^{III} Complexes with Triple Diâ€¼â€methoxoâ€¼â€phenoxo Bridges, Magnetic Ground State, and Singleâ€Molecule Magnetic Behavior. Chemistry - A European Journal, 2014, 20, 8410-8420.	3.3	40
50	Tunable Dipolar Magnetism in High-Spin Molecular Clusters. Physical Review Letters, 2006, 97, 167202.	7.8	38
51	Dodecanuclear 3d/4f-metal clusters with a â€˜Star of Davidâ€™ topology: single-molecule magnetism and magnetocaloric properties. Chemical Communications, 2016, 52, 1693-1696.	4.1	38
52	Magnetic structures and magnetocaloric effect in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>R</mml:mi><mml:msub><mml:mi>VO</mml:mi><mml:m B, 2018, 97, .	3.2	38
53	Single-Molecule Magnet Behavior and Magnetocaloric Effect in Ferromagnetically Coupled Ln^{III}-Ni^{II}-Ni^{II}-Ln^{III} (Ln^{III} = Dy^{III}) Tj ETQq1 1 0.784314 rgBT	4.0	38
54	CO₂ as a reaction ingredient for the construction of metal cages: a carbonate-panelled [Gd₆Cu₃] tridiminished icosahedron. Chemical Communications, 2014, 50, 3498-3500.	4.1	37

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55	Layered gadolinium hydroxides for low-temperature magnetic cooling. Chemical Communications, 2015, 51, 14207-14210.	4.1	37
56	Spin-glass state inCuGa2O4. Physical Review B, 2001, 63, .	3.2	35
57	Grafting Derivatives of Mn6 Single-Molecule Magnets with High Anisotropy Energy Barrier on Au(111) Surface. Journal of Physical Chemistry B, 2008, 112, 9729-9735.	2.6	35
58	Surfaceâ€Confined Molecular Coolers for Cryogenics. Advanced Materials, 2013, 25, 2984-2988.	21.0	34
59	Magnetic and thermal properties of4fâ^'3dladder-type molecular compounds. Physical Review B, 2003, 68, .	3.2	32
60	Crystal structure, magnetic and thermal properties of the one-dimensional complex [Nd(pzam)3(H2O)Mo(CN)8]Â·H2O. Inorganica Chimica Acta, 2008, 361, 3548-3554.	2.4	29
61	Synthesis, structure and magnetic properties of two new azido-CoII coordination architectures: From ferromagnetic coupling to single-chain-magnets. Dalton Transactions, 2010, 39, 11210.	3.3	28
62	Thiocyanate Complexes of Uranium in Multiple Oxidation States: A Combined Structural, Magnetic, Spectroscopic, Spectroelectrochemical, and Theoretical Study. Inorganic Chemistry, 2014, 53, 8624-8637.	4.0	28
63	Vacancy-driven magnetocaloric effect in Prussian blue analogues. Journal of Magnetism and Magnetic Materials, 2007, 316, e569-e571.	2.3	27
64	A molecular [Mn14] coordination cluster featuring two slowly relaxing nanomagnets. Chemical Communications, 2012, 48, 1413-1415.	4.1	27
65	Magnetic and magnetocaloric properties of an unusual family of carbonate-panelled [LnIII6ZnII2] cages. Dalton Transactions, 2015, 44, 10315-10320.	3.3	27
66	Molecular nanoclusters as magnetic refrigerants: The case of Fe14 with very large spin ground-state. Polyhedron, 2005, 24, 2573-2578.	2.2	26
67	Structurally Flexible and Solution Stable [Ln₄TM₈(OH)₈(L)₈(O₂CR)₈(MeOH)_x] Clusters: A Playground for Magnetic Refrigeration. Inorganic Chemistry, 2016, 55, 10535-10546.	4.6	26
68	Non-Heisenberg magnetic behavior of a triangular bridged heterometallic Fe2(III)Co(II) complex: Evidence of strong orbital contributions. Journal of Chemical Physics, 2001, 115, 9528-9535.	3.0	25
69	Addressing the magnetic properties of sub-monolayers of single-molecule magnets by X-ray magnetic circular dichroism. Nanoscale, 2010, 2, 2698.	5.6	25
70	Electronic and Magnetic Properties of Mn12 Molecular Magnets on Sulfonate and Carboxylic Acid Prefunctionalized Gold Surfaces. Journal of Physical Chemistry C, 2012, 116, 14936-14942.	3.1	24
71	Cryogenic magneto-caloric effect and magneto-structural correlations in carboxylate-bridged Gd(<scp>iii</scp>) compounds. Dalton Transactions, 2014, 43, 11502.	3.3	24
72	An [Fe^{III}₃₄] Molecular Metal Oxide. Angewandte Chemie - International Edition, 2019, 58, 16903-16906.	13.8	24

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73	Low temperature magnetic properties and spin dynamics in single crystals of Cr8Zn antiferromagnetic molecular rings. Journal of Chemical Physics, 2015, 143, 244321.	3.0	23
74	Elementary excitations in antiferromagnetic Heisenberg spin segments. Physical Review B, 2007, 76, .	3.2	22
75	â€˜All three-in-oneâ€™: ferromagnetic interactions, single-molecule magnetism and magnetocaloric properties in a new family of [Cu₄Ln] (Ln^{III} = Gd, Tb, Dy) clusters. Inorganic Chemistry Frontiers, 2015, 2, 945-948.	6.0	22
76	Molecule-Based Magnetic Coolers: Measurement, Design and Application. Nanoscience and Technology, 2014, , 365-387.	1.5	22
77	Giant Isotope Effect in the Incoherent Tunneling Specific Heat of the Molecular NanomagnetFe8. Physical Review Letters, 2005, 95, 227206.	7.8	21
78	Ferrimagnetic Heisenberg Chains Derived From [M(CN)₈]^{3â^’} (M=Mo^V, W^V) Buildingâ€Blocks. ChemPhysChem, 2008, 9, 1975-1978.	2.1	21
79	A spin crossover ferrous complex with ordered magnetic ferric anions. Chemical Communications, 2012, 48, 7604.	4.1	21
80	Cryogenic magnetocaloric effect in the Fe17 molecular nanomagnet. Polyhedron, 2013, 52, 1177-1180.	2.2	21
81	Specific heat and magnetic interactions in spin ladder gadolinium and copper-based molecular ferromagnets. Journal of Magnetism and Magnetic Materials, 1999, 196-197, 584-585.	2.3	20
82	Rare tetranuclear mixed-valent [MnII2MnIV2] clusters as building blocks for extended networks. Dalton Transactions, 2008, , 4917.	3.3	20
83	In search of molecules displaying ferromagnetic exchange: multiple-decker Ni₁₂ and Ni₁₆ complexes from the use of pyridine-2-amidoxime. Dalton Transactions, 2016, 45, 17409-17419.	3.3	20
84	Copper Keplerates: Highâ€Symmetry Magnetic Molecules. ChemPhysChem, 2016, 17, 55-60.	2.1	19
85	[MIII2MII3]ⁿ⁺ trigonal bipyramidal cages based on diamagnetic and paramagnetic metalloligands. Chemical Science, 2017, 8, 5526-5535.	7.4	18
86	Experimental observation of quantum coherence in molecular magnetic clusters with half-integer spin. Polyhedron, 2001, 20, 1459-1463.	2.2	17
87	Superparamagnetic behaviour of antiferromagnetic DyPO4 nanoparticles. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 1573-1574.	2.3	17
88	Chromium(iii) stars and butterflies: synthesis, structural and magnetic studies of tetrametallic clusters. Dalton Transactions, 2011, 40, 5278.	3.3	17
89	Tetradecanuclearity in 3dâ€“4f chemistry: relaxation and magnetocaloric effects in [NiII6LnIII8] species. Dalton Transactions, 2017, 46, 3449-3452.	3.3	17
90	A topologically unique alternating {CoIII3GdIII3} magnetocaloric ring. Chemical Communications, 2017, 53, 4799-4802.	4.1	17

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91	Secondary magnetic relaxations in Mn12 complexes. Journal of Magnetism and Magnetic Materials, 2000, 221, 99-102.	2.3	16
92	A Multifunctional Magnetic Material under Pressure. Chemistry - A European Journal, 2014, 20, 7956-7961.	3.3	15
93	New Dioximes as Bridging Ligands in 3d/4f-Metal Cluster Chemistry: One-Dimensional Chains of Ferromagnetically Coupled {Cu₆Ln₂} Clusters Bearing Acenaphthenequinone Dioxime and Exhibiting Magnetocaloric Properties. Crystal Growth and Design, 2017, 17, 2486-2497.	3.0	15
94	Magnetic Imaging of Cyanideâ€Bridged Coâ€ordination Nanoparticles Grafted on FIBâ€Patterned Si Substrates. Small, 2008, 4, 2240-2246.	10.0	14
95	From single-molecule magnetism to long-range ferromagnetism in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mtext>Hpyr</mml:mtext><mml:mrow><mml:mo>[</mml:mo><mml:mrow><mml:msub><mml:m Physical Review B, 2008, 77, .	3.2	14
96	Size-dependent magnetic ordering and spin dynamics in DyPO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math>and GdPO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math>nanoparticles. Physical Review B, 2011, 84, .	3.2	14
97	Fingerprinting the oxidation state of U(iv) by emission spectroscopy. Dalton Transactions, 2013, 42, 14677.	3.3	14
98	Building 1D lanthanide chains and non-symmetrical [Ln₂] â€œtriple-deckerâ€•clusters using salen-type ligands: magnetic cooling and relaxation phenomena. Dalton Transactions, 2016, 45, 18591-18602.	3.3	14
99	Coming full circle: constructing a [Gd₆] wheel dimer by dimer and the importance of spin topology. Dalton Transactions, 2017, 46, 10255-10263.	3.3	14
100	Ni^{II}â€“Ln^{III} complexes with o-vanillin as the main ligand: syntheses, structures, magnetic and magnetocaloric properties. Dalton Transactions, 2018, 47, 1106-1116.	3.3	14
101	[Fe₁₅]: a frustrated, centred tetrakis hexahedron. Chemical Communications, 2021, 57, 8925-8928.	4.1	14
102	Tunable crossover between one- and three-dimensional magnetic dynamics in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">C</mml:mi><mml:msup><mml:mrow><mml:mi mathvariant="normal">o</mml:mi></mml:mrow><mml:mi>II</mml:mi></mml:msup></mml:mrow></mml:math>single-chain magnets organized by halogen bonding. Physical Review B, 2016, 93, .	3.2	13
103	Synthesis and magnetic properties of heptadecametallic Fe(III) clusters. Polyhedron, 2007, 26, 1835-1837.	2.2	12
104	Kondo Physics in a Rare Earth Ion with Well Localized<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mn>4</mml:mn><mml:mi>f</mml:mi></mml:math>Electrons. Physical Review Letters, 2012, 108, 257201.	7.8	12
105	Order in disorder: solution and solid-state studies of [MIII2MII5] wheels (M^{III} = Cr, Al;) Tj ETQq1 1 0.784314 rgBT /Overlo	3.3	12
106	Growth of a dense gadolinium metalâ€“organic framework on oxide-free silicon for cryogenic local refrigeration. Materials Horizons, 2019, 6, 144-154.	12.2	12
107	Manganese(III) Compounds of Phenolâ^'Pyrazole-Based Ligands: Synthesis, Crystal Structure, Magnetic, and Thermal Properties. Journal of Physical Chemistry C, 2008, 112, 20525-20534.	3.1	11
108	Specific heat of Nd<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:m xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:math>B<mml:math x	3.2	11

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109	Magnetic Refrigeration and Spinâ€“Lattice Relaxation in Gadolinium-Based Molecular Nanomagnets. Structure and Bonding, 2014, , 431-460.	1.0	11
110	Physical properties of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sm</mml:mi><mml:mi>x</mml:mi></mml:m mathvariant="normal">B</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:mrow></mml:math> single crystals. Physical Review B, 2019, 99, .	3.2	11
111	Large magnetocaloric effect in EuGd2O4 and EuDy2O4. Journal of Alloys and Compounds, 2022, 890, 161847.	5.5	11
112	The coordination chemistry of p-tert-butylcalix[4]arene with paramagnetic transition and lanthanide metal ions: an Edinburgh Perspective. Dalton Transactions, 2022, 51, 4213-4226.	3.3	11
113	Approach of single-molecule magnets to thermal equilibrium. Journal of Physics and Chemistry of Solids, 2004, 65, 763-771.	4.0	10
114	Short-range correlations in dâ€“f cyanido-bridged assemblies with XY and XY-Heisenberg anisotropy. Dalton Transactions, 2011, 40, 8407.	3.3	10
115	A decanuclear [DyIII6ZnII4] cluster: a {ZnII4} rectangle surrounding an octahedral {DyIII6} single molecule magnet. Dalton Transactions, 2019, 48, 3566-3570.	3.3	10
116	Specific heat of spin ladder lanthanide and transition-metal-based molecular magnets. Polyhedron, 2001, 20, 1447-1450.	2.2	8
117	Through quantum tunneling to dipolar order: the effect of varying magnetic anisotropy in three structurally related Mn 4 molecular clusters. Polyhedron, 2003, 22, 2169-2173.	2.2	8
118	AF molecular rings for quantum computation. Polyhedron, 2005, 24, 2562-2567.	2.2	8
119	A magnetocaloric composite based on molecular coolers and carbon nanotubes with enhanced thermal conductivity. Materials Horizons, 2017, 4, 464-476.	12.2	8
120	Heptanuclear Diskâ€Like M^{II}₃Ln^{III}₄ (M = Ni, Co) Coordination Clusters: Synthesis, Structures and Magnetic Properties. European Journal of Inorganic Chemistry, 2017, 2017, 3938-3945.	2.0	8
121	A Ferromagnetically Coupled, Bell-Shaped [Ni₄Gd₅] Cage. Inorganic Chemistry, 2019, 58, 11404-11409.	4.0	8
122	Switching pairwise exchange interactions to enhance SMM properties. Comptes Rendus Chimie, 2008, 11, 1175-1181.	0.5	7
123	Realization of the one-dimensional anisotropic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>X</mml:mi><mml:mi>Y</mml:mi></mml:mrow></mml:math>model in a Tb(III)-W(V) chain compound. Physical Review B, 2012, 85, .	3.2	7
124	Combining oxime-based [Mn₆] clusters with cyanometalates: 1D chains of [Mn₆] SMMs from [M(CN)₂]^{â^'} (M = Au, Ag). Dalton Transactions, 2014, 43, 4622-4625.	3.3	7
125	Experimental evidence of multiple magnetic relaxation processes in Mn12 acetate and Mn12 2-Cl benzoate. Solid State Communications, 1999, 112, 687-691.	1.9	6
126	Magnetism of Dendrimer-Coated Gold Nanoparticles: A Size and Functionalization Study. Journal of Physical Chemistry C, 2021, 125, 20482-20487.	3.1	6

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127	Rotating Magnetocaloric Effect in an Anisotropic Molecular Dimer. Angewandte Chemie, 2016, 128, 3421-3424.	2.0	5
128	Activated Conduction in Tungsten Containing Diamond-Like Film. Materials Science Forum, 1997, 235-238, 955-960.	0.3	4
129	Phthalocyanines. , 2004, , 1069-1075.		4
130	Comment on â€œTheoretical design of molecular nanomagnets for magnetic refrigerationâ€•[Appl. Phys. Lett. 103, 202410 (2013)]. Applied Physics Letters, 2014, 105, 046101.	3.3	4
131	A [Cr₂Ni] coordination polymer: slow relaxation of magnetization in quasi-one-dimensional ferromagnetic chains. Chemical Communications, 2018, 54, 6153-6156.	4.1	4
132	An [Fe III 34] Molecular Metal Oxide. Angewandte Chemie, 2019, 131, 17059-17062.	2.0	4
133	A new twist on an old ligand: a [Mn₁₆] double square wheel and a [Mn₁₀] contorted wheel. Inorganic Chemistry Frontiers, 2021, 8, 1804-1809.	6.0	3
134	Non-ohmic effects in the electronic transport in tungsten- and silicon-containing diamond-like films. Materials Science and Engineering C, 1998, 5, 265-269.	7.3	1
135	Ab-initio Calculation of the Electronic Spectrum of a n-Type ?-Doped GaAs/GaxAl1?xAs Heterojunction. Physica Status Solidi (B): Basic Research, 1997, 204, 653-660.	1.5	0
136	Nonhomogeneous Superconductivity in Diamond-Like Films Containing Tungsten and Silicon. Materials Science Forum, 1998, 269-272, 1013-1018.	0.3	0
137	Membrane-based microcalorimetry for thin films and sub-milligram single-crystal. Journal of Physics: Conference Series, 2009, 187, 012034.	0.4	0
138	Frontispiece: Rational Electrostatic Design of Easy-Axis Magnetic Anisotropy in a ZnII-DyIII-ZnIISingle-Molecule Magnet with a High Energy Barrier. Chemistry - A European Journal, 2014, 20, n/a-n/a.	3.3	0
139	Constructing â€œClosedâ€•and â€œOpenâ€•{Mn₈} Clusters. Crystal Growth and Design, 0, , .	3.0	0