

Marco Evangelisti

List of Publications by Year in descending order

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docs citations

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times ranked

4190
citing authors

#	ARTICLE	IF	CITATIONS
1	Large magnetocaloric effect in EuGd ₂ O ₄ and EuDy ₂ O ₄ . Journal of Alloys and Compounds, 2022, 890, 161847.	5.5	11
2	The coordination chemistry of <i>p</i> -tert-butylcalix[4]arene with paramagnetic transition and lanthanide metal ions: an Edinburgh Perspective. Dalton Transactions, 2022, 51, 4213-4226.	3.3	11
3	A new twist on an old ligand: a [Mn ₁₆] double square wheel and a [Mn ₁₀] contorted wheel. Inorganic Chemistry Frontiers, 2021, 8, 1804-1809.	6.0	3
4	[Fe ₁₅]: a frustrated, centred tetrakis hexahedron. Chemical Communications, 2021, 57, 8925-8928.	4.1	14
5	Magnetism of Dendrimer-Coated Gold Nanoparticles: A Size and Functionalization Study. Journal of Physical Chemistry C, 2021, 125, 20482-20487.	3.1	6
6	A Ferromagnetically Coupled, Bell-Shaped [Ni ₄ Gd ₅] Cage. Inorganic Chemistry, 2019, 58, 11404-11409.	4.0	8
7	An [Fe ^{III} ₃₄] Molecular Metal Oxide. Angewandte Chemie, 2019, 131, 17059-17062.	2.0	4
8	An [Fe ^{III} ₃₄] Molecular Metal Oxide. Angewandte Chemie - International Edition, 2019, 58, 16903-16906.	13.8	24
9	Growth of a dense gadolinium metal-organic framework on oxide-free silicon for cryogenic local refrigeration. Materials Horizons, 2019, 6, 144-154.	12.2	12
10	Physical properties of Sm ₆ B ₆ single crystals. Physical Review B, 2019, 99, .	3.2	11
11	A decanuclear [Dy ₁₁ Zn ₄] cluster: a {Zn ₄ } rectangle surrounding an octahedral {Dy ₁₁ } single molecule magnet. Dalton Transactions, 2019, 48, 3566-3570.	3.3	10
12	Order in disorder: solution and solid-state studies of [M ^{III} ₂ M ^{II} ₅] wheels (M ^{III} = Cr, Al; Tj ETQqO O O rgBT/Overlock 10 Tf 50	3.3	12
13	Ni ^{II} -Ln ^{III} complexes with <i>o</i> -vanillin as the main ligand: syntheses, structures, magnetic and magnetocaloric properties. Dalton Transactions, 2018, 47, 1106-1116.	3.3	14
14	A [Cr ₂ Ni] coordination polymer: slow relaxation of magnetization in quasi-one-dimensional ferromagnetic chains. Chemical Communications, 2018, 54, 6153-6156.	4.1	4
15	Magnetic structures and magnetocaloric effect in R ₃ VO ₃ B. 2018, 97, .	3.2	38
16	Tetradecanuclearity in 3d-4f chemistry: relaxation and magnetocaloric effects in [Ni ₁₆ Ln ₁₈] species. Dalton Transactions, 2017, 46, 3449-3452.	3.3	17
17	A magnetocaloric composite based on molecular coolers and carbon nanotubes with enhanced thermal conductivity. Materials Horizons, 2017, 4, 464-476.	12.2	8
18	A topologically unique alternating {Co ₃ Gd ₃ } magnetocaloric ring. Chemical Communications, 2017, 53, 4799-4802.	4.1	17

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19	[MIII ₂ MII ₃] ⁿ⁺ trigonal bipyramidal cages based on diamagnetic and paramagnetic metalloligands. <i>Chemical Science</i> , 2017, 8, 5526-5535.	7.4	18
20	New Dioximes as Bridging Ligands in 3d/4f-Metal Cluster Chemistry: One-Dimensional Chains of Ferromagnetically Coupled {Cu ₆ Ln ₂ } Clusters Bearing Acenaphthenequinone Dioxime and Exhibiting Magnetocaloric Properties. <i>Crystal Growth and Design</i> , 2017, 17, 2486-2497.	3.0	15
21	Coming full circle: constructing a [Gd ₆] wheel dimer by dimer and the importance of spin topology. <i>Dalton Transactions</i> , 2017, 46, 10255-10263.	3.3	14
22	Heptanuclear Disk-Like M ^{II} ₃ Ln ^{III} ₄ (M = Ni, Co) Coordination Clusters: Synthesis, Structures and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 3938-3945.	2.0	8
23	Rotating Magnetocaloric Effect in an Anisotropic Molecular Dimer. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3360-3363.	13.8	50
24	Rotating Magnetocaloric Effect in an Anisotropic Molecular Dimer. <i>Angewandte Chemie</i> , 2016, 128, 3421-3424.	2.0	5
25	Magnetic ∞ -Molecular Oligomers-Based on Decametallc Supertetrahedra: A Giant Mn ₄₉ Cuboctahedron and its Mn ₂₅ Na ₄ Fragment. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 679-684.	13.8	62
26	Observation of the influence of dipolar and spin frustration effects on the magnetocaloric properties of a trigonal prismatic {Gd ₇ } molecular nanomagnet. <i>Chemical Science</i> , 2016, 7, 4891-4895.	7.4	42
27	Structurally Flexible and Solution Stable [Ln ₄ TM ₈ (OH) ₈ (L) ₈ (O ₂ CR) ₈ (MeOH) ₈]·xH ₂ O: A Playground for Magnetic Refrigeration. <i>Inorganic Chemistry</i> , 2016, 55, 10535-10546.		
28	In search of molecules displaying ferromagnetic exchange: multiple-decker Ni ₁₂ and Ni ₁₆ complexes from the use of pyridine-2-amidoxime. <i>Dalton Transactions</i> , 2016, 45, 17409-17419.	3.3	20
29	Large adiabatic temperature and magnetic entropy changes in $\langle \text{EuTi} \rangle \langle \text{O} \rangle \langle \text{Mn}_3 \rangle$. <i>Physical Review B</i> , 2016, 93, 034407.	3.2	100
30	Tunable crossover between one- and three-dimensional magnetic dynamics in $\langle \text{C} \rangle \langle \text{O} \rangle \langle \text{Mn}_3 \rangle$ single-chain magnets organized by halogen bonding. <i>Physical Review B</i> , 2016, 93, 034407.	3.2	13
31	Building 1D lanthanide chains and non-symmetrical [Ln ₂] ∞ -triple-decker clusters using salen-type ligands: magnetic cooling and relaxation phenomena. <i>Dalton Transactions</i> , 2016, 45, 18591-18602.	3.3	14
32	Copper Keplerates: High-Symmetry Magnetic Molecules. <i>ChemPhysChem</i> , 2016, 17, 55-60.	2.1	19
33	Dodecanuclear 3d/4f-metal clusters with a ∞ -Star of David™ topology: single-molecule magnetism and magnetocaloric properties. <i>Chemical Communications</i> , 2016, 52, 1693-1696.	4.1	38
34	Low temperature magnetic properties and spin dynamics in single crystals of Cr ₈ Zn antiferromagnetic molecular rings. <i>Journal of Chemical Physics</i> , 2015, 143, 244321.	3.0	23
35	Decanuclear Ln ₁₀ Wheels and Vertex-Shared Spirocyclic Ln ₅ Cores: Synthesis, Structure, SMM Behavior, and MCE Properties. <i>Chemistry - A European Journal</i> , 2015, 21, 16955-16967.	3.3	67
36	∞ -All three-in-one™: ferromagnetic interactions, single-molecule magnetism and magnetocaloric properties in a new family of [Cu ₄ Ln] (Ln ^{III} = Gd, Tb, Dy) clusters. <i>Inorganic Chemistry Frontiers</i> , 2015, 2, 945-948.	6.0	22

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37	Theoretical Studies on Polynuclear {Cu ^{II} }₅Gd ^{III} Clusters (<i>n</i> = 4, 2): Towards Understanding Their Large Magnetocaloric Effect. Inorganic Chemistry, 2015, 54, 1661-1670.	4.0	57
38	Layered gadolinium hydroxides for low-temperature magnetic cooling. Chemical Communications, 2015, 51, 14207-14210.	4.1	37
39	Magnetic and magnetocaloric properties of an unusual family of carbonate-panelled [Ln ^{III} 6Zn ^{II} 2] cages. Dalton Transactions, 2015, 44, 10315-10320.	3.3	27
40	Comment on "Theoretical design of molecular nanomagnets for magnetic refrigeration" [Appl. Phys. Lett. 103, 202410 (2013)]. Applied Physics Letters, 2014, 105, 046101.	3.3	4
41	Magnetic structure and magnetocalorics of GdPO ₄ . Physical Review B, 2014, 90, .	3.3	4
42	Two C ₃ -Symmetric Dy ₃ Complexes with Triple Diethoxymethoxyphenoxo Bridges, Magnetic Ground State, and Single-Molecule Magnetic Behavior. Chemistry - A European Journal, 2014, 20, 8410-8420.	3.3	40
43	Frontispiece: Rational Electrostatic Design of Easy-Axis Magnetic Anisotropy in a Zn ^{II} -Dy ^{III} -Zn ^{II} Single-Molecule Magnet with a High Energy Barrier. Chemistry - A European Journal, 2014, 20, n/a-n/a.	3.3	0
44	Quantum signatures of a molecular nanomagnet in direct magnetocaloric measurements. Nature Communications, 2014, 5, 5321.	12.8	115
45	Synthesis, Structure, and Magnetism of a Family of Heterometallic {Cu ₂ Ln ₇ } and {Cu ₄ Ln ₁₂ } (Ln = Gd, Tb). Chemistry - A European Journal, 2014, 53, 13154-13161.	4.0	42
46	Magnetic Refrigeration and Spin-Lattice Relaxation in Gadolinium-Based Molecular Nanomagnets. Structure and Bonding, 2014, , 431-460.	1.0	11
47	Single-Molecule Magnet Behavior and Magnetocaloric Effect in Ferromagnetically Coupled Ln ^{III} -Ni ^{II} -Ni ^{II} -Ln ^{III} (Ln ^{III} = Dy ^{III}) Single-Molecule Magnet with a High Energy Barrier. Chemistry - A European Journal, 2014, 20, 14262-14269.	3.3	95
48	Combining oxime-based [Mn ₆] clusters with cyanometalates: 1D chains of [Mn ₆] SMMs from [M(CN) ₂] ⁺ (M = Au, Ag). Dalton Transactions, 2014, 43, 4622-4625.	3.3	7
49	CO ₂ as a reaction ingredient for the construction of metal cages: a carbonate-panelled [Gd ₆ Cu ₃] tridiminished icosahedron. Chemical Communications, 2014, 50, 3498-3500.	4.1	37
50	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
51	Rational Electrostatic Design of Easy-Axis Magnetic Anisotropy in a Zn ^{II} -Dy ^{III} -Zn ^{II} Single-Molecule Magnet with a High Energy Barrier. Chemistry - A European Journal, 2014, 20, 14262-14269.	3.3	95
52	Cryogenic magneto-caloric effect and magneto-structural correlations in carboxylate-bridged Gd ₃ compounds. Dalton Transactions, 2014, 43, 11502.	3.3	24
53	A Multifunctional Magnetic Material under Pressure. Chemistry - A European Journal, 2014, 20, 7956-7961.	3.3	15
54	Closely-Related Zn ^{II} ₂ Ln ^{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

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55	Fluoride-Bridged $\{Gd^{III}\}_3M^{II}_2$ (M=Cr, Fe, Ga) Molecular Magnetic Refrigerants. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2394-2397.	13.8	86
56	Molecule-Based Magnetic Coolers: Measurement, Design and Application. <i>Nanoscience and Technology</i> , 2014, , 365-387.	1.5	22
57	Molecular Nanoscale Magnetic Refrigerants: A Ferrimagnetic $\{Cu^{II}\}_{15}Gd^{III}_7$ Cage-like Cluster from the Use of Pyridine-2,6-dimethanol. <i>Inorganic Chemistry</i> , 2013, 52, 10235-10237.	4.0	58
58	A Dense Metal-Organic Framework for Enhanced Magnetic Refrigeration. <i>Advanced Materials</i> , 2013, 25, 4653-4656.	21.0	273
59	Cryogenic magnetocaloric effect in the Fe ₁₇ molecular nanomagnet. <i>Polyhedron</i> , 2013, 52, 1177-1180.	2.2	21
60	Fingerprinting the oxidation state of U(IV) by emission spectroscopy. <i>Dalton Transactions</i> , 2013, 42, 14677.	3.3	14
61	Surface-Confined Molecular Coolers for Cryogenics. <i>Advanced Materials</i> , 2013, 25, 2984-2988.	21.0	34
62	A ferromagnetically coupled diphenoxo-bridged Gd ³⁺ -Mn ²⁺ dinuclear complex with a large magneto-caloric effect. <i>Chemical Communications</i> , 2013, 49, 3845.	4.1	52
63	Kondo Physics in a Rare Earth Ion with Well Localized f^4 Electrons. <i>Physical Review Letters</i> , 2012, 108, 257201.	7.8	12
64	Calix[4]arene-supported rare earth octahedra. <i>Chemical Communications</i> , 2012, 48, 1449-1451.	4.1	65
65	Increasing the dimensionality of cryogenic molecular coolers: Gd-based polymers and metal-organic frameworks. <i>Chemical Communications</i> , 2012, 48, 7592.	4.1	147
66	Gd-Based Single-Ion Magnets with Tunable Magnetic Anisotropy: Molecular Design of Spin Qubits. <i>Physical Review Letters</i> , 2012, 108, 247213.	7.8	199
67	Fluoride-bridged $\{Ln_2Cr_2\}$ polynuclear complexes from semi-labile mer-[CrF ₃ (py) ₃] and [Ln(hfac) ₃ (H ₂ O) ₂]. <i>Dalton Transactions</i> , 2012, 41, 11284.	3.3	43
68	A molecular [Mn ₁₄] coordination cluster featuring two slowly relaxing nanomagnets. <i>Chemical Communications</i> , 2012, 48, 1413-1415.	4.1	27
69	Co-Ln Mixed-Metal Phosphonate Grids and Cages as Molecular Magnetic Refrigerants. <i>Journal of the American Chemical Society</i> , 2012, 134, 1057-1065.	13.7	353
70	Realization of the one-dimensional anisotropic $X \times Y$ model in a Tb(III)-W(V) chain compound. <i>Physical Review B</i> , 2012, 85, .	3.2	7
71	Fluoride Bridges as Structure-Directing Motifs in 3d-4f Cluster Chemistry. <i>Inorganic Chemistry</i> , 2012, 51, 5435-5443.	4.0	86
72	Lanthanoid Single-Ion Magnets Based on Polyoxometalates with a 5-fold Symmetry: The Series $[LnP_5W_{30}O_{110}]^{12-}$ (Ln ³⁺ = Tb, Dy, Ho, Er). <i>Inorganic Chemistry</i> , 2012, 51, 5435-5443.	4.0	86

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73	A spin crossover ferrous complex with ordered magnetic ferric anions. <i>Chemical Communications</i> , 2012, 48, 7604.	4.1	21
74	Electronic and Magnetic Properties of Mn ₁₂ Molecular Magnets on Sulfonate and Carboxylic Acid Prefunctionalized Gold Surfaces. <i>Journal of Physical Chemistry C</i> , 2012, 116, 14936-14942.	3.1	24
75	Fragmenting Gadolinium: Mononuclear Polyoxometalate-Based Magnetic Coolers for Ultra-Low Temperatures. <i>Advanced Materials</i> , 2012, 24, 4301-4305.	21.0	74
76	The Importance of Being Exchanged: [Gd ^{III}] ₄ M ^{II} ₈ (OH) ₈ (L) ₈ (O ₂) ₈ Clusters for Magnetic Refrigeration. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 4633-4636.	13.8	178
77	Short-range correlations in d ^f cyanido-bridged assemblies with XY and XY-Heisenberg anisotropy. <i>Dalton Transactions</i> , 2011, 40, 8407.	3.3	10
78	Molecular Prototypes for Spin-Based CNOT and SWAP Quantum Gates. <i>Physical Review Letters</i> , 2011, 107, 117203.	7.8	146
79	Enhancing Ueff in oxime-bridged [Mn ₆ Ln ₂] hexagonal prisms. <i>Dalton Transactions</i> , 2011, 40, 4797.	3.3	56
80	Molecular coolers: The case for [Cu ₅ Gd ₄]. <i>Chemical Science</i> , 2011, 2, 1166.	7.4	197
81	Co ^{II} -Gd phosphonate complexes as magnetic refrigerants. <i>Chemical Science</i> , 2011, 2, 99-102.	7.4	234
82	Chromium(III) stars and butterflies: synthesis, structural and magnetic studies of tetrametallic clusters. <i>Dalton Transactions</i> , 2011, 40, 5278.	3.3	17
83	Large Magnetocaloric Effect in a Wells-Dawson Type {Ni ₆ Gd ₆ P ₆ } Cage. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 3692-3695.	13.8	278
84	Cryogenic Magnetocaloric Effect in a Ferromagnetic Molecular Dimer. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 6606-6609.	13.8	286
85	A Molecular Pair of [GdNi ₃] Tetrahedra Bridged by Water Molecules. <i>Chemistry - A European Journal</i> , 2011, 17, 8264-8268.	3.3	58
86	Specific heat of Nd ₄ Mo ₈ (OH) ₈ (L) ₈ (O ₂) ₈ clusters. <i>Physical Review B</i> , 2011, 84, 044411.	3.2	11
87	Size-dependent magnetic ordering and spin dynamics in Dy ₄ PO ₄ clusters. <i>Physical Review B</i> , 2011, 84, 044412.	3.2	14
88	[Mn ^{III}] ₄ Ln ^{III} ₄ Calix[4]arene Clusters as Enhanced Magnetic Coolers and Molecular Magnets. <i>Journal of the American Chemical Society</i> , 2010, 132, 12983-12990.	13.7	278
89	Magnetothermal Studies of a Series of Coordination Clusters Built from Ferromagnetically Coupled {Mn ^{II} } ₄ {Mn ^{III} } ₆ Supertetrahedral Units. <i>Chemistry - A European Journal</i> , 2010, 16, 12865-12872.	3.3	92
90	Recipes for enhanced molecular cooling. <i>Dalton Transactions</i> , 2010, 39, 4672.	3.3	424

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91	Addressing the magnetic properties of sub-monolayers of single-molecule magnets by X-ray magnetic circular dichroism. <i>Nanoscale</i> , 2010, 2, 2698.	5.6	25
92	Synthesis, structure and magnetic properties of two new azido-Coll coordination architectures: From ferromagnetic coupling to single-chain-magnets. <i>Dalton Transactions</i> , 2010, 39, 11210.	3.3	28
93	Magnetocaloric effect in spin-degenerated molecular nanomagnets. <i>Physical Review B</i> , 2009, 79, .	3.2	79
94	A Calix[4]arene 3d/4f Magnetic Cooler. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 9928-9931.	13.8	235
95	1D chains of Mn ₆ single-molecule magnets. <i>Chemical Communications</i> , 2009, , 2023.	4.1	75
96	Membrane-based microcalorimetry for thin films and sub-milligram single-crystal. <i>Journal of Physics: Conference Series</i> , 2009, 187, 012034.	0.4	0
97	Magnetic Imaging of Cyanide-Bridged Coordination Nanoparticles Grafted on FIB-Patterned Si Substrates. <i>Small</i> , 2008, 4, 2240-2246.	10.0	14
98	Ferrimagnetic Heisenberg Chains Derived From [M(CN) ₈] ³⁻ (M=Mo ^V , W ^V) Building Blocks. <i>ChemPhysChem</i> , 2008, 9, 1975-1978.	2.1	21
99	Switching pairwise exchange interactions to enhance SMM properties. <i>Comptes Rendus Chimie</i> , 2008, 11, 1175-1181.	0.5	7
100	Crystal structure, magnetic and thermal properties of the one-dimensional complex [Nd(pzam) ₃ (H ₂ O)Mo(CN) ₈] \cdot H ₂ O. <i>Inorganica Chimica Acta</i> , 2008, 361, 3548-3554.	2.4	29
101	Grafting Derivatives of Mn ₆ Single-Molecule Magnets with High Anisotropy Energy Barrier on Au(111) Surface. <i>Journal of Physical Chemistry B</i> , 2008, 112, 9729-9735.	2.6	35
102	Mixed-Valent Mn Supertetrahedra and Planar Discs as Enhanced Magnetic Coolers. <i>Journal of the American Chemical Society</i> , 2008, 130, 11129-11139.	13.7	219
103	Rare tetranuclear mixed-valent [MnII ₂ MnIV ₂] clusters as building blocks for extended networks. <i>Dalton Transactions</i> , 2008, , 4917.	3.3	20
104	Using pyridine amidoximes in 3d-metal cluster chemistry: a novel ferromagnetic Ni ₁₂ complex from the use of pyridine-2-amidoxime. <i>Dalton Transactions</i> , 2008, , 3153.	3.3	48
105	Manganese(III) Compounds of Phenol-Pyrazole-Based Ligands: Synthesis, Crystal Structure, Magnetic, and Thermal Properties. <i>Journal of Physical Chemistry C</i> , 2008, 112, 20525-20534.	3.1	11
106	From single-molecule magnetism to long-range ferromagnetism in $H_{pyr} \times H_{sub}^{14}$ Physical Review B, 2008, 77, .	3.2	14
107	Elementary excitations in antiferromagnetic Heisenberg spin segments. <i>Physical Review B</i> , 2007, 76, .	3.2	22
108	1,2,3-Triazolate-Bridged Tetradecametallic Transition Metal Clusters [M ₁₄ (L) ₆ O ₆ (OMe) ₁₈ X ₆] (M = FeIII, Tj ETQqO O O rgBT /Overlock 1 Spin-Enhanced Magnetocaloric Effect. <i>Inorganic Chemistry</i> , 2007, 46, 4968-4978.	4.0	146

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109	A Ferromagnetic Mixed-Valent Mn Supertetrahedron: Towards Low-Temperature Magnetic Refrigeration with Molecular Clusters. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 4456-4460.	13.8	184
110	Synthesis and magnetic properties of heptadecametallc Fe(III) clusters. <i>Polyhedron</i> , 2007, 26, 1835-1837.	2.2	12
111	Vacancy-driven magnetocaloric effect in Prussian blue analogues. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 316, e569-e571.	2.3	27
112	Single molecule magnets for quantum computation. <i>Journal Physics D: Applied Physics</i> , 2007, 40, 2999-3004.	2.8	102
113	Magnetothermal properties of molecule-based materials. <i>Journal of Materials Chemistry</i> , 2006, 16, 2534.	6.7	295
114	Magnetocaloric effect in hexacyanochromate Prussian blue analogs. <i>Physical Review B</i> , 2006, 73, .	3.2	53
115	Tunable Dipolar Magnetism in High-Spin Molecular Clusters. <i>Physical Review Letters</i> , 2006, 97, 167202.	7.8	38
116	Molecular nanoclusters as magnetic refrigerants: The case of Fe ₁₄ with very large spin ground-state. <i>Polyhedron</i> , 2005, 24, 2573-2578.	2.2	26
117	AF molecular rings for quantum computation. <i>Polyhedron</i> , 2005, 24, 2562-2567.	2.2	8
118	Linking Rings through Diamines and Clusters: Exploring Synthetic Methods for Making Magnetic Quantum Gates. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 6496-6500.	13.8	80
119	Giant Isotope Effect in the Incoherent Tunneling Specific Heat of the Molecular Nanomagnet Fe ₈ . <i>Physical Review Letters</i> , 2005, 95, 227206.	7.8	21
120	Spin-enhanced magnetocaloric effect in molecular nanomagnets. <i>Applied Physics Letters</i> , 2005, 87, 072504.	3.3	166
121	Magnetic Long-Range Order Induced by Quantum Relaxation in Single-Molecule Magnets. <i>Physical Review Letters</i> , 2004, 93, 117202.	7.8	57
122	Phthalocyanines. , 2004, , 1069-1075.		4
123	Superparamagnetic behaviour of antiferromagnetic DyPO ₄ nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, 1573-1574.	2.3	17
124	Approach of single-molecule magnets to thermal equilibrium. <i>Journal of Physics and Chemistry of Solids</i> , 2004, 65, 763-771.	4.0	10
125	Through quantum tunneling to dipolar order: the effect of varying magnetic anisotropy in three structurally related Mn ⁴⁺ molecular clusters. <i>Polyhedron</i> , 2003, 22, 2169-2173.	2.2	8
126	Magnetic and thermal properties of 4f ⁴ ladder-type molecular compounds. <i>Physical Review B</i> , 2003, 68, .	3.2	32

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127	Magnetic properties of \pm -iron(II) phthalocyanine. <i>Physical Review B</i> , 2002, 66, .	3.2	93
128	Specific heat of spin ladder lanthanide and transition-metal-based molecular magnets. <i>Polyhedron</i> , 2001, 20, 1447-1450.	2.2	8
129	Experimental observation of quantum coherence in molecular magnetic clusters with half-integer spin. <i>Polyhedron</i> , 2001, 20, 1459-1463.	2.2	17
130	Non-Heisenberg magnetic behavior of a triangular bridged heterometallic Fe ₂ (III)Co(II) complex: Evidence of strong orbital contributions. <i>Journal of Chemical Physics</i> , 2001, 115, 9528-9535.	3.0	25
131	Spin-glass state in CuGa ₂ O ₄ . <i>Physical Review B</i> , 2001, 63, .	3.2	35
132	Secondary magnetic relaxations in Mn ₁₂ complexes. <i>Journal of Magnetism and Magnetic Materials</i> , 2000, 221, 99-102.	2.3	16
133	Experimental evidence of multiple magnetic relaxation processes in Mn ₁₂ acetate and Mn ₁₂ 2-Cl benzoate. <i>Solid State Communications</i> , 1999, 112, 687-691.	1.9	6
134	Specific heat and magnetic interactions in spin ladder gadolinium and copper-based molecular ferromagnets. <i>Journal of Magnetism and Magnetic Materials</i> , 1999, 196-197, 584-585.	2.3	20
135	Non-ohmic effects in the electronic transport in tungsten- and silicon-containing diamond-like films. <i>Materials Science and Engineering C</i> , 1998, 5, 265-269.	7.3	1
136	Nonhomogeneous Superconductivity in Diamond-Like Films Containing Tungsten and Silicon. <i>Materials Science Forum</i> , 1998, 269-272, 1013-1018.	0.3	0
137	Activated Conduction in Tungsten Containing Diamond-Like Film. <i>Materials Science Forum</i> , 1997, 235-238, 955-960.	0.3	4
138	Ab-initio Calculation of the Electronic Spectrum of a n-Type δ -Doped GaAs/GaxAl _{1-x} As Heterojunction. <i>Physica Status Solidi (B): Basic Research</i> , 1997, 204, 653-660.	1.5	0
139	Constructing "Closed" and "Open" {Mn ₈ } Clusters. <i>Crystal Growth and Design</i> , 0, , .	3.0	0