

# Roberta Sessoli

## List of Publications by Citations

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435  
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48,182  
ext. citations

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L-index

#	Paper	IF	Citations
399	Magnetic bistability in a metal-ion cluster. <i>Nature</i> , <b>1993</b> , 365, 141-143	50.4	3441
398	Quantum tunneling of magnetization and related phenomena in molecular materials. <i>Angewandte Chemie - International Edition</i> , <b>2003</b> , 42, 268-97	16.4	2417
397	Molecular Nanomagnets <b>2006</b> ,		2112
396	High-spin molecules: [Mn <sub>12</sub> O <sub>12</sub> (O <sub>2</sub> CR) <sub>16</sub> (H <sub>2</sub> O) <sub>4</sub> ]. <i>Journal of the American Chemical Society</i> , <b>1993</b> , 115, 1804-1816	16.4	1936
395	Macroscopic quantum tunnelling of magnetization in a single crystal of nanomagnets. <i>Nature</i> , <b>1996</b> , 383, 145-147	50.4	1762
394	Single-Molecule Magnets. <i>MRS Bulletin</i> , <b>2000</b> , 25, 66-71	3.2	1348
393	Quantum phase interference and parity effects in magnetic molecular clusters. <i>Science</i> , <b>1999</b> , 284, 133-5	33.3	1296
392	Strategies towards single molecule magnets based on lanthanide ions. <i>Coordination Chemistry Reviews</i> , <b>2009</b> , 253, 2328-2341	23.2	1289
391	Cobalt(II)-Nitronyl Nitroxide Chains as Molecular Magnetic Nanowires The financial support of Italian MURST and CNR and of Brazilian CNPq and FUJB is acknowledged. The support from the European Community through the TMR program 3MD (contract no ERB4061PL97-0197) is also acknowledged. <i>Angewandte Chemie - International Edition</i> , <b>2001</b> , 40, 1710-1713	16.4	990
390	Magnetic memory of a single-molecule quantum magnet wired to a gold surface. <i>Nature Materials</i> , <b>2009</b> , 8, 194-7	27	854
389	Alternating current susceptibility, high field magnetization, and millimeter band EPR evidence for a ground S = 10 state in [Mn <sub>12</sub> O <sub>12</sub> (CH <sub>3</sub> COO) <sub>16</sub> (H <sub>2</sub> O) <sub>4</sub> ].2CH <sub>3</sub> COOH.4H <sub>2</sub> O. <i>Journal of the American Chemical Society</i> , <b>1991</b> , 113, 5873-5874	16.4	816
388	Dysprosium triangles showing single-molecule magnet behavior of thermally excited spin states. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 1729-33	16.4	754
387	Large clusters of metal ions: the transition from molecular to bulk magnets. <i>Science</i> , <b>1994</b> , 265, 1054-8	33.3	754
386	Toward molecular magnets: the metal-radical approach. <i>Accounts of Chemical Research</i> , <b>1989</b> , 22, 392-398	24.3	735
385	Quantum Tunneling of the Magnetization in an Iron Cluster Nanomagnet. <i>Physical Review Letters</i> , <b>1997</b> , 78, 4645-4648	7.4	635
384	Quantum tunnelling of the magnetization in a monolayer of oriented single-molecule magnets. <i>Nature</i> , <b>2010</b> , 468, 417-21	50.4	515
383	Magnetic anisotropy in a dysprosium/DOTA single-molecule magnet: beyond simple magneto-structural correlations. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 1606-10	16.4	474

382	A family of rare-earth-based single chain magnets: playing with anisotropy. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 7947-56	16.4	474
381	Molecular engineering for single-chain-magnet behavior in a one-dimensional dysprosium-nitronyl nitroxide compound. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 5817-21	16.4	410
380	Single-Molecule Magnet Behavior of a Tetranuclear Iron(III) Complex. The Origin of Slow Magnetic Relaxation in Iron(III) Clusters. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 5302-5310	16.4	408
379	Superparamagnetic-like behavior in an octanuclear iron cluster. <i>Europhysics Letters</i> , <b>1996</b> , 35, 133-138	1.6	389
378	Coupling Dy <sub>3</sub> triangles enhances their slow magnetic relaxation. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 6352-6	16.4	354
377	High-frequency EPR spectra of a molecular nanomagnet: Understanding quantum tunneling of the magnetization. <i>Physical Review B</i> , <b>1997</b> , 56, 8192-8198	3.3	350
376	Single chain magnets: where to from here?. <i>Journal of Materials Chemistry</i> , <b>2008</b> , 18, 4750		345
375	Lanthanides in molecular magnetism: so fascinating, so challenging. <i>Dalton Transactions</i> , <b>2012</b> , 41, 13556-67	16.4	330
374	Single-molecule magnets based on iron(III)oxo clusters. <i>Chemical Communications</i> , <b>2000</b> , 725-732	5.8	325
373	Quantentunneln der Magnetisierung und verwandte Phänomene in molekularen Materialien. <i>Angewandte Chemie</i> , <b>2003</b> , 115, 278-309	3.6	323
372	Synthesis, Structures, and Magnetic Properties of Fe <sub>2</sub> , Fe <sub>17</sub> , and Fe <sub>19</sub> Oxo-Bridged Iron Clusters: The Stabilization of High Ground State Spins by Cluster Aggregates. <i>Journal of the American Chemical Society</i> , <b>1995</b> , 117, 2491-2502	16.4	266
371	Spin chirality in a molecular dysprosium triangle: the archetype of the noncollinear ising model. <i>Physical Review Letters</i> , <b>2008</b> , 100, 247205	7.4	256
370	Magnetic anisotropy and spin-parity effect along the series of lanthanide complexes with DOTA. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 350-4	16.4	252
369	Magnetic Relaxation in Big Magnetic Molecules. <i>Europhysics Letters</i> , <b>1994</b> , 27, 159-164	1.6	237
368	Magnetic anisotropy of dysprosium(III) in a low-symmetry environment: a theoretical and experimental investigation. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 5573-9	16.4	232
367	Chilling with magnetic molecules. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 43-5	16.4	229
366	A dense metal-organic framework for enhanced magnetic refrigeration. <i>Advanced Materials</i> , <b>2013</b> , 25, 4653-6	24	226
365	Magnetic properties of an octanuclear iron(III) cation. <i>Inorganic Chemistry</i> , <b>1993</b> , 32, 3099-3103	5.1	226

364	Phosphonate ligands stabilize mixed-valent {Mn(III) (20-x)Mn(II)x} clusters with large spin and coercivity. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 5044-8	16.4	224
363	Chemical strategies and characterization tools for the organization of single molecule magnets on surfaces. <i>Chemical Society Reviews</i> , <b>2011</b> , 40, 3076-91	58.5	220
362	The role of anharmonic phonons in under-barrier spin relaxation of single molecule magnets. <i>Nature Communications</i> , <b>2017</b> , 8, 14620	17.4	215
361	Neutron Spectroscopy for the Magnetic Anisotropy of Molecular Clusters. <i>Physical Review Letters</i> , <b>1998</b> , 81, 4744-4747	7.4	207
360	Room-Temperature Quantum Coherence and Rabi Oscillations in Vanadyl Phthalocyanine: Toward Multifunctional Molecular Spin Qubits. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 2154-7	16.4	205
359	A rational approach to the modulation of the dynamics of the magnetisation in a dysprosium-nitronyl-nitroxide radical complex. <i>Chemical Communications</i> , <b>2007</b> , 1807-9	5.8	197
358	Polyoxovanadates: High-Nuclearity Spin Clusters with Interesting Host-Guest Systems and Different Electron Populations. Synthesis, Spin Organization, Magnetochemistry, and Spectroscopic Studies. <i>Inorganic Chemistry</i> , <b>1997</b> , 36, 5239-5250	5.1	195
357	Tuning anisotropy barriers in a family of tetrairon(III) single-molecule magnets with an S = 5 ground state. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 4742-55	16.4	191
356	Giant field dependence of the low temperature relaxation of the magnetization in a dysprosium(III)-DOTA complex. <i>Chemical Communications</i> , <b>2011</b> , 47, 3751-3	5.8	190
355	Observation of the Distribution of Molecular Spin States by Resonant Quantum Tunneling of the Magnetization. <i>Physical Review Letters</i> , <b>1999</b> , 82, 3903-3906	7.4	190
354	Effects of 3d-4f magnetic exchange interactions on the dynamics of the magnetization of Dy(III)-M(II)-Dy(III) trinuclear clusters. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 1602-9	4.8	189
353	The molecular approach to nanoscale magnetism. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1999</b> , 200, 182-201	2.8	185
352	Towards nanostructured arrays of single molecule magnets: new Fe <sub>19</sub> oxyhydroxide clusters displaying high ground state spins and hysteresis. <i>Dalton Transactions RSC</i> , <b>2000</b> , 1835-1840		183
351	Magnetic anisotropy of the antiferromagnetic ring [Cr <sub>8</sub> F <sub>8</sub> Piv <sub>16</sub> ]. <i>Chemistry - A European Journal</i> , <b>2002</b> , 8, 277-85	4.8	180
350	Beyond the anisotropy barrier: slow relaxation of the magnetization in both easy-axis and easy-plane Ln(trensal) complexes. <i>Chemical Communications</i> , <b>2014</b> , 50, 1648-51	5.8	179
349	The canted antiferromagnetic approach to single-chain magnets. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 1619-27	16.4	175
348	Preparation, crystal structure, and magnetic properties of an oligonuclear complex with 12 coupled spins and an S = 12 ground state. <i>Journal of the American Chemical Society</i> , <b>1988</b> , 110, 2795-2799	16.4	163
347	Opening up a dysprosium triangle by ligand oximation. <i>Chemical Communications</i> , <b>2009</b> , 6765-7	5.8	159

346	Strong magneto-chiral dichroism in a paramagnetic molecular helix observed by hard X-ray. <i>Nature Physics</i> , <b>2015</b> , 11, 69-74	16.2	156
345	Structure and magnetic properties of ferrimagnetic chains formed by manganese(II) and nitronyl nitroxides. <i>Inorganic Chemistry</i> , <b>1988</b> , 27, 1756-1761	5.1	154
344	Origin of second-order transverse magnetic anisotropy in Mn <sub>12</sub> -acetate. <i>Physical Review Letters</i> , <b>2002</b> , 89, 257201	7.4	148
343	Nonadiabatic Landau-Zener tunneling in Fe <sub>8</sub> molecular nanomagnets. <i>Europhysics Letters</i> , <b>2000</b> , 50, 552-558	5.8	144
342	Crystal structure and magnetic properties of two nitronyl nitroxide biradicals and of their copper(II) complexes. <i>Inorganic Chemistry</i> , <b>1993</b> , 32, 1445-1453	5.1	144
341	Nitrogen-bonded copper(II)-imino nitroxide complexes exhibiting large ferromagnetic interactions. <i>Journal of the American Chemical Society</i> , <b>1991</b> , 113, 1245-1251	16.4	144
340	High-frequency EPR spectra of. <i>Chemistry - A European Journal</i> , <b>2000</b> , 6, 1608-14	4.8	143
339	Mixed Quantum-Thermal Relaxation in Mn <sub>12</sub> Acetate Molecules. <i>Physical Review Letters</i> , <b>1998</b> , 80, 612-615	7.4	142
338	Effects of nuclear spins on the quantum relaxation of the magnetization for the molecular nanomagnet Fe <sub>8</sub> . <i>Physical Review Letters</i> , <b>2000</b> , 84, 2965-8	7.4	142
337	Neutron study of mesoscopic magnetic clusters: Mn <sub>12</sub> O <sub>12</sub> . <i>Physical Review B</i> , <b>1997</b> , 56, 8819-8827	3.3	138
336	Cobalt(II)-Nitronyl Nitroxide Chains as Molecular Magnetic Nanowires. <i>Angewandte Chemie</i> , <b>2001</b> , 113, 1810-1813	3.6	138
335	Synthesis and structural and magnetic characterization of cobalt(II) phosphonate cage compounds. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 497-507	5.1	137
334	Slow relaxation of magnetisation in an octanuclear cobalt(II) phosphonate cage complex. <i>Chemical Communications</i> , <b>2005</b> , 5029-31	5.8	137
333	Magnetic phase transition and low-temperature EPR spectra of a one-dimensional ferrimagnet formed by manganese(II) and a nitronyl nitroxide. <i>Inorganic Chemistry</i> , <b>1989</b> , 28, 1976-1980	5.1	133
332	Quantum Coherence Times Enhancement in Vanadium(IV)-based Potential Molecular Qubits: the Key Role of the Vanadyl Moiety. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 11234-44	16.4	131
331	Density functional studies on the exchange interaction of a dinuclear Gd(III)-Cu(II) complex: method assessment, magnetic coupling mechanism and magneto-structural correlations. <i>Dalton Transactions</i> , <b>2009</b> , 3153-61	4.3	129
330	The Second Quantum Revolution: Role and Challenges of Molecular Chemistry. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 11339-11352	16.4	128
329	Electronic Structure of Manganese(III) Compounds from High-Frequency EPR Spectra. <i>Angewandte Chemie International Edition in English</i> , <b>1997</b> , 36, 2329-2331		128

328	Finite-size effects in single chain magnets: an experimental and theoretical study. <i>Physical Review Letters</i> , <b>2004</b> , 92, 207204	7.4	126
327	Energy-barrier enhancement by ligand substitution in tetrairon(III) single-molecule magnets. <i>Angewandte Chemie - International Edition</i> , <b>2004</b> , 43, 1136-9	16.4	124
326	Structure and magnetic ordering of a ferrimagnetic helix formed by manganese(II) and a nitronyl nitroxide radical. <i>Inorganic Chemistry</i> , <b>1991</b> , 30, 3936-3941	5.1	124
325	Single molecule magnet behaviour in robust dysprosium-biradical complexes. <i>Chemical Communications</i> , <b>2010</b> , 46, 6458-60	5.8	123
324	Temperature- and Light-Induced Spin Crossover Observed by X-ray Spectroscopy on Isolated Fe(II) Complexes on Gold. <i>Journal of Physical Chemistry Letters</i> , <b>2013</b> , 4, 1546-52	6.4	121
323	Magnetic interactions and magnetic ordering in rare earth metal nitronyl nitroxide chains. <i>Inorganic Chemistry</i> , <b>1993</b> , 32, 4797-4801	5.1	121
322	A luminescent and sublimable Dy(III)-based single-molecule magnet. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 11379-87	4.8	119
321	Mesoscopic quantum tunneling of the magnetization. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1995</b> , 140-144, 1825-1828	2.8	118
320	Ferromagnetic phase transitions of two one-dimensional ferrimagnets formed by manganese(II) and nitronyl nitroxides cis octahedrally coordinated. <i>Inorganic Chemistry</i> , <b>1989</b> , 28, 3314-3319	5.1	118
319	XAS and XMCD investigation of Mn12 monolayers on gold. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 7530-5	4.5	115
318	Dimers and chains of {3d-4f} single molecule magnets constructed from heterobimetallic tectons. <i>Dalton Transactions</i> , <b>2010</b> , 39, 4802-8	4.3	113
317	Intra-molecular origin of the spin-phonon coupling in slow-relaxing molecular magnets. <i>Chemical Science</i> , <b>2017</b> , 8, 6051-6059	9.4	112
316	The magnetic mBius strip: synthesis, structure, and magnetic studies of odd-numbered antiferromagnetically coupled wheels. <i>Angewandte Chemie - International Edition</i> , <b>2004</b> , 43, 5196-200	16.4	112
315	Magnetism of large iron-oxo clusters. <i>Chemical Society Reviews</i> , <b>1996</b> , 25, 101	58.5	112
314	Dysprosium Triangles Showing Single-Molecule Magnet Behavior of Thermally Excited Spin States. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 1761-1765	3.6	111
313	Organizing and addressing magnetic molecules. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 3408-19	5.1	110
312	X-ray detected magnetic hysteresis of thermally evaporated terbium double-decker oriented films. <i>Advanced Materials</i> , <b>2010</b> , 22, 5488-93	24	110
311	Oxalate and 2,2'-Bipyrimidine as Useful Tools in Designing Layered Compounds. <i>Inorganic Chemistry</i> , <b>1995</b> , 34, 408-411	5.1	110

310	Quantum coherence in a processable vanadyl complex: new tools for the search of molecular spin qubits. <i>Chemical Science</i> , <b>2016</b> , 7, 2074-2083	9.4	109
309	Nuclear-spin-driven resonant tunnelling of magnetisation in Mn 12 acetate. <i>Europhysics Letters</i> , <b>1999</b> , 47, 254-259	1.6	109
308	High-Frequency EPR Spectroscopy of Large Metal Ion Clusters: From Zero Field Splitting to Quantum Tunneling of the Magnetization. <i>Accounts of Chemical Research</i> , <b>1998</b> , 31, 460-466	24.3	108
307	A Three-Dimensional Molecular Ferrimagnet Based on Ferricyanide and [Ni(tren)] <sup>2+</sup> Building Blocks. <i>Angewandte Chemie International Edition in English</i> , <b>1996</b> , 35, 1947-1949		108
306	Magnetic coupling in zero- and one-dimensional magnetic systems formed by nickel(II) and nitronyl nitroxides. Magnetic phase transition of a ferrimagnetic chain. <i>Inorganic Chemistry</i> , <b>1989</b> , 28, 2940-2944	5.1	103
305	Synthesis and characterization of mixed-valent manganese phosphonate cage complexes. <i>Chemistry - A European Journal</i> , <b>2006</b> , 12, 8777-85	4.8	102
304	Glauber slow dynamics of the magnetization in a molecular Ising chain. <i>Europhysics Letters</i> , <b>2002</b> , 58, 771-777	1.6	102
303	Ising-type magnetic anisotropy in a cobalt(II) nitronyl nitroxide compound: a key to understanding the formation of molecular magnetic nanowires. <i>Chemistry - A European Journal</i> , <b>2002</b> , 8, 286-92	4.8	99
302	Spin Dynamics and Low Energy Vibrations: Insights from Vanadyl-Based Potential Molecular Qubits. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 4338-4341	16.4	96
301	EPR of molecular nanomagnets. <i>Coordination Chemistry Reviews</i> , <b>2006</b> , 250, 1514-1529	23.2	93
300	Magnetic behaviour of TbPc <sub>2</sub> single-molecule magnets chemically grafted on silicon surface. <i>Nature Communications</i> , <b>2014</b> , 5, 4582	17.4	91
299	Magnetostructural correlations in Tetrairon(III) single-molecule magnets. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 6456-67	4.8	90
298	[TmIII(hfac) <sub>3</sub> (NITPhOPh)] <sup>+</sup> A new member of a lanthanide-based Single Chain Magnets family. <i>Inorganica Chimica Acta</i> , <b>2007</b> , 360, 3807-3812	2.7	89
297	Magnetic Anisotropy in a Dysprosium/DOTA Single-Molecule Magnet: Beyond Simple Magneto-Structural Correlations. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 1638-1642	3.6	87
296	The origin of transverse anisotropy in axially symmetric single molecule magnets. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 10754-62	16.4	87
295	A decanuclear iron(III) single molecule magnet: use of Monte Carlo methodology to model the magnetic properties. <i>Inorganic Chemistry</i> , <b>2001</b> , 40, 188-9	5.1	87
294	Specific heat and magnetic relaxation of the quantum nanomagnet Mn <sub>12</sub> Ac. <i>Physical Review B</i> , <b>1998</b> , 57, 5021-5024	3.3	86
293	Pentanuclear octacyanotungstate(V)-based molecule with a high spin ground state S = (13/2). <i>Inorganic Chemistry</i> , <b>2002</b> , 41, 1323-7	5.1	85

292	Magnetic phase transitions in manganese(II) pentafluorobenzoate adducts with nitronyl nitroxides. <i>Journal of the American Chemical Society</i> , <b>1989</b> , 111, 785-786	16.4	85
291	Crystal packing effects on the magnetic slow relaxation of Tb(III)-nitronyl nitroxide radical cyclic dinuclear clusters. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 12218-29	5.1	84
290	Isolated single-molecule magnets on native gold. <i>Chemical Communications</i> , <b>2005</b> , 1640-2	5.8	84
289	A Decanuclear Manganese Cluster with Oxo and Halide Bridging Ligands: Magnetic Behavior of an S <sub>12</sub> System. <i>Journal of the American Chemical Society</i> , <b>1995</b> , 117, 5789-5800	16.4	84
288	Delicate crystal structure changes govern the magnetic properties of 1D coordination polymers based on 3d metal carboxylates. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 2034-43	4.8	83
287	Novel features in the relaxation times of Mn <sub>12</sub> Ac. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1995</b> , 140-144, 379-380	2.8	83
286	Magnetic properties of a Mn cluster organic compound. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1995</b> , 146, 211-213	2.8	82
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284	Spin canting in a Dy-based single-chain magnet with dominant next-nearest-neighbor antiferromagnetic interactions. <i>Physical Review B</i> , <b>2009</b> , 79,	3.3	78
283	Preparation of Novel Materials Using SMMs	133-161	77
282	High-Frequency EPR Spectra for the Analysis of Magnetic Anisotropy in Large Magnetic Clusters. <i>Journal of the American Chemical Society</i> , <b>1995</b> , 117, 8855-8856	16.4	77
281	Magneto-Optical Investigations of Nanostructured Materials Based on Single-Molecule Magnets Monitor Strong Environmental Effects. <i>Advanced Materials</i> , <b>2007</b> , 19, 3906-3911	24	76
280	Ferro- and antiferromagnetic coupling between metal ions and pyridine-substituted nitronyl nitroxides. <i>Inorganic Chemistry</i> , <b>1990</b> , 29, 4217-4223	5.1	76
279	Structure and magnetic properties of a chain compound formed by copper(II) and a tridentate nitronyl nitroxide radical. <i>Inorganic Chemistry</i> , <b>1991</b> , 30, 3162-3166	5.1	76
278	X-Ray Magnetic Circular Dichroism Picks out Single-Molecule Magnets Suitable for Nanodevices. <i>Advanced Materials</i> , <b>2009</b> , 21, 167-171	24	75
277	Strong ferromagnetic interactions in [V(8)O(14)(H <sub>2</sub> taci)(2)]: an unprecedented large spin ground state for a vanadyl cluster. <i>Angewandte Chemie - International Edition</i> , <b>2004</b> , 43, 3436-9	16.4	74
276	Giant Clusters with Unusual Electronic and Magnetic Structures Due to Open Shell Metal Centers Embedded Far Apart from Each Other: Spin Frustration and Antisymmetric Exchange. <i>Inorganic Chemistry</i> , <b>1996</b> , 35, 1926-1934	5.1	74
275	Finite-size effects on the static properties of a single-chain magnet. <i>Physical Review B</i> , <b>2005</b> , 72,	3.3	71



- 274 Advances in single-molecule magnet surface patterning through microcontact printing. *Nano Letters*, **2005**, 5, 1435-8 11.5 71
- 273 Evidence of intermolecular  $\pi$ -stacking enhancement of second-harmonic generation in a family of single chain magnets. *Journal of Materials Chemistry*, **2006**, 16, 2587-2592 71
- 272 Studies of hysteresis in Mn<sub>12</sub>Ac. *Journal of Magnetism and Magnetic Materials*, **1995**, 140-144, 1891-1892.8 71
- 271 Structure and magnetic properties of manganese(II) carboxylate chains with nitronyl nitroxides and their reduced amidino-oxide derivatives. From random-exchange one-dimensional to two-dimensional magnetic materials. *Inorganic Chemistry*, **1990**, 29, 4228-4234 5.1 71
- 270 Structure and magnetic properties of chains of diamonds of four spins formed by metal(II) hexafluoroacetylacetonates (metal = cobalt, nickel) and the nitronyl nitroxide radical 4,4,5,5-tetramethyl-2-ethyl-4,5-dihydro-1H-imidazolyl-1-oxyl 3-oxide. *Inorganic Chemistry*, **1988**, 27, 1553-1557 5.1 71
- 269 Manganese(III) Formate: A Three-Dimensional Framework That Traps Carbon Dioxide Molecules. *Angewandte Chemie - International Edition*, **1999**, 38, 1780-1782 16.4 70
- 268 Molecular nanomagnets: the first 10 years. *Journal of Magnetism and Magnetic Materials*, **2004**, 272-276, 1030-1036 2.8 69
- 267 Crystal structure and magnetic properties of a copper(II) chloride nitronyl nitroxide complex containing six exchange-coupled S = 1/2 spins. *Inorganic Chemistry*, **1990**, 29, 1756-1760 5.1 69
- 266 Coupling Dy<sub>3</sub> Triangles Enhances Their Slow Magnetic Relaxation. *Angewandte Chemie*, **2010**, 122, 6496-6500 68
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