

# Roberta Sessoli

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

399  
papers

45,718  
citations

97  
h-index

207  
g-index

435  
ext. papers

48,182  
ext. citations

8.4  
avg, IF

7.48  
L-index

#	Paper	IF	Citations
399	Investigation of a Tetrathiafulvalene-Based Fe <sup>2+</sup> Thermal Spin Crossover Assembled on Gold Surface. <i>Magnetochemistry</i> , <b>2022</b> , 8, 14	3.1	0
398	A tetrairon(III) single-molecule magnet and its solvatomorphs: synthesis, crystal structures and vapor-phase processing. <i>Inorganica Chimica Acta</i> , <b>2021</b> , 120698	2.7	
397	Engineering Chemisorption of Fe <sub>4</sub> Single-Molecule Magnets on Gold. <i>Advanced Materials Interfaces</i> , <b>2021</b> , 8, 2101182	4.6	1
396	Quantum-coherent nanoscience. <i>Nature Nanotechnology</i> , <b>2021</b> ,	28.7	10
395	Longitudinal and transverse NMR relaxivities of Ln(III)-DOTA complexes: A comprehensive investigation. <i>Journal of Chemical Physics</i> , <b>2021</b> , 155, 214201	3.9	0
394	Spin-Electric Coupling in a Cobalt(II)-Based Spin Triangle Revealed by Electric-Field-Modulated Electron Spin Resonance Spectroscopy. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 8832-8838	16.4	6
393	Spin-elektrische Kopplung in einem Cobalt(II)-basierten Spindreieck, gezeigt mithilfe elektrisches-Feld-modulierter Elektronenspinresonanzspektroskopie. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 8914-8920	3.6	0
392	Quasi-Hexagonal to Lepidocrocite-like Transition in TiO <sub>2</sub> Ultrathin Films on Cu(001). <i>Journal of Physical Chemistry C</i> , <b>2021</b> , 125, 10621-10630	3.8	1
391	Magnetic Anisotropy Trends along a Full 4f-Series: The Effect. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 8108-8115	16.4	15
390	Stabilization of an Enantiopure Sub-monolayer of Helicene Radical Cations on a Au(111) Surface through Noncovalent Interactions. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 15404-15408	3.6	0
389	Stabilization of an Enantiopure Sub-monolayer of Helicene Radical Cations on a Au(111) Surface through Noncovalent Interactions. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 15276-15280	16.4	2
388	Exploring the Organometallic Route to Molecular Spin Qubits: The [CpTi(cot)] Case. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 2620-2625	3.6	8
387	Exploring the Organometallic Route to Molecular Spin Qubits: The [CpTi(cot)] Case. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 2588-2593	16.4	14
386	Probing Vibrational Symmetry Effects and Nuclear Spin Economy Principles in Molecular Spin Qubits. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 140-151	5.1	11
385	Tackling the challenge of controlling the spin with electric field. <i>National Science Review</i> , <b>2021</b> , 8, nwaa267.8	26.8	2
384	A proposal for using molecular spin qubits as quantum simulators of light-matter interactions. <i>Journal of Materials Chemistry C</i> , <b>2021</b> , 9, 10266-10275	7.1	3
383	Controlled coherent dynamics of [VO(TPP)], a prototype molecular nuclear qubit with an electronic ancilla. <i>Chemical Science</i> , <b>2021</b> , 12, 12046-12055	9.4	5

382	Assessing the Nature of Chiral-Induced Spin Selectivity by Magnetic Resonance. <i>Journal of Physical Chemistry Letters</i> , <b>2021</b> , 12, 6341-6347	6.4	5
381	A Complete View of Orbach and Raman Spin-Lattice Relaxation in a Dysprosium Coordination Compound. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 13633-13645	16.4	26
380	Temperature Dependence of Spin-Phonon Coupling in [VO(acac)]: A Computational and Spectroscopic Study. <i>Journal of Physical Chemistry C</i> , <b>2021</b> , 125, 22100-22110	3.8	5
379	Substrate mediated interaction of terbium(III) double-deckers with the TiO(110) surface. <i>Physical Chemistry Chemical Physics</i> , <b>2021</b> , 23, 12060-12067	3.6	1
378	Enhancement of the Magnetic Coupling in Exfoliated CrCl Crystals Observed by Low-Temperature Magnetic Force Microscopy and X-ray Magnetic Circular Dichroism. <i>Advanced Materials</i> , <b>2020</b> , 32, e2000566	24	14
377	Unbiased evaluation of zero-field splitting D parameter in high-spin molecules from DC magnetic data with incomplete powder averaging. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2020</b> , 510, 166713	3.8	2
376	Quantum dynamics of a single molecule magnet on superconducting Pb(111). <i>Nature Materials</i> , <b>2020</b> , 19, 546-551	27	24
375	Unveiling phonons in a molecular qubit with four-dimensional inelastic neutron scattering and density functional theory. <i>Nature Communications</i> , <b>2020</b> , 11, 1751	17.4	23
374	Redox- and solvato-magnetic switching in a tetrathiafulvalene-based triad single-molecule magnet. <i>Inorganic Chemistry Frontiers</i> , <b>2020</b> , 7, 2322-2334	6.8	15
373	Magnetic Anisotropy Drives Magnetochemical Dichroism in a Chiral Molecular Helix Probed with Visible Light. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 13908-13916	16.4	14
372	S-Functionalized Tripods with Monomethylene Spacers: Routes to Tetrairon(III) Single-Molecule Magnets with Ultrashort Tethering Groups. <i>Magnetochemistry</i> , <b>2020</b> , 6, 55	3.1	1
371	The Intricate Determination of Magnetic Anisotropy in Quasi-octahedral Vanadium(III): An HF-EPR and Magnetic Study. <i>Applied Magnetic Resonance</i> , <b>2020</b> , 51, 1233-1250	0.8	0
370	Storage and retrieval of microwave pulses with molecular spin ensembles. <i>Npj Quantum Information</i> , <b>2020</b> , 6,	8.6	13
369	Spin Dynamics and Phonons, Insights into Potential Molecular Qubits. <i>Proceedings (mdpi)</i> , <b>2019</b> , 26, 46	0.3	
368	Single Crystal Investigations Unravel the Magnetic Anisotropy of the "Square-In Square" CrDy SMM Coordination Cluster. <i>Frontiers in Chemistry</i> , <b>2019</b> , 7, 6	5	8
367	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
366	Vanadyl phthalocyanines on graphene/SiC(0001): toward a hybrid architecture for molecular spin qubits. <i>Nanoscale Horizons</i> , <b>2019</b> , 4, 1202-1210	10.8	17
365	Covalency and magnetic anisotropy in lanthanide single molecule magnets: the DyDOTA archetype. <i>Chemical Science</i> , <b>2019</b> , 10, 7233-7245	9.4	35

364	Plasmon-enhanced magneto-optical detection of single-molecule magnets. <i>Materials Horizons</i> , <b>2019</b> , 6, 1148-1155	14.4	6
363	First-Principles Investigation of Spin-Phonon Coupling in Vanadium-Based Molecular Spin Quantum Bits. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 10260-10268	5.1	31
362	Electric field modulation of magnetic exchange in molecular helices. <i>Nature Materials</i> , <b>2019</b> , 18, 329-334	27	38
361	Propeller-Shaped Fe <sub>4</sub> and Fe <sub>3M</sub> Molecular Nanomagnets: A Journey from Crystals to Addressable Single Molecules. <i>European Journal of Inorganic Chemistry</i> , <b>2019</b> , 2019, 552-568	2.3	15
360	A Pseudo-Octahedral Cobalt(II) Complex with Bispyrazolylpyridine Ligands Acting as a Zero-Field Single-Molecule Magnet with Easy Axis Anisotropy. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 8857-8868	4.8	40
359	Mössbauer spectroscopy of a monolayer of single molecule magnets. <i>Nature Communications</i> , <b>2018</b> , 9, 480	17.4	25
358	The disclosure of mesoscale behaviour of a 3d-SMM monolayer on Au(111) through a multilevel approach. <i>Nanoscale</i> , <b>2018</b> , 10, 4096-4104	7.7	4
357	Structural Effects on the Spin Dynamics of Potential Molecular Qubits. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 731-740	5.1	60
356	Magnetic bistability of a TbPc submonolayer on a graphene/SiC(0001) conductive electrode. <i>Nanoscale</i> , <b>2018</b> , 10, 2715-2720	7.7	20
355	Chemical tailoring of Single Molecule Magnet behavior in films of Dy(III) dimers. <i>Applied Surface Science</i> , <b>2018</b> , 432, 7-14	6.7	16
354	Thermal and light-induced spin transition in a nanometric film of a new high-vacuum processable spin crossover complex. <i>Journal of Materials Chemistry C</i> , <b>2018</b> , 6, 8885-8889	7.1	20
353	Nitronyl nitroxide radicals at the interface: a hybrid architecture for spintronics. <i>Rendiconti Lincei</i> , <b>2018</b> , 29, 623-630	1.7	7
352	Scaling Up Electronic Spin Qubits into a Three-Dimensional Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 12090-12101	16.4	65
351	A two-qubit molecular architecture for electron-mediated nuclear quantum simulation. <i>Chemical Science</i> , <b>2018</b> , 9, 6183-6192	9.4	55
350	Isotope effects on the spin dynamics of single-molecule magnets probed using muon spin spectroscopy. <i>Chemical Communications</i> , <b>2018</b> , 54, 7826-7829	5.8	8
349	Ultralow-temperature device dedicated to soft X-ray magnetic circular dichroism experiments. <i>Journal of Synchrotron Radiation</i> , <b>2018</b> , 25, 1727-1735	2.4	12
348	Promotion of antiferromagnetic exchange interaction in multinuclear copper(ii) complexes via fused oxamato/oxamidato ligands. <i>Dalton Transactions</i> , <b>2018</b> , 47, 16164-16181	4.3	4
347	A Dy Cubane: A New Member in the Single-Molecule Toroids Family. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 17089-17093	16.4	29

346	A Dy <sub>4</sub> Cubane: A New Member in the Single-Molecule Toroids Family. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 17335-17339	3.6	4
345	Tunable Spin-Superconductor Coupling of Spin 1/2 Vanadyl Phthalocyanine Molecules. <i>Nano Letters</i> , <b>2018</b> , 18, 7955-7961	11.5	36
344	A Rare Example of Four-Coordinate Nonoxido Vanadium(IV) Alkoxide in the Solid State: Structure, Spectroscopy, and Magnetization Dynamics. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 11393-11403	5.1	8
343	Proof of Principle: Immobilisation of Robust Cu(II)-Tb(III)-Macrocycles on Small, Suitably Pre-functionalised Gold Nanoparticles. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 2480-2480	4.8	
342	Structure, magnetic properties and thermal sublimation of fluorinated Fe <sub>4</sub> Single-Molecule Magnets. <i>Polyhedron</i> , <b>2017</b> , 128, 9-17	2.7	6
341	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
340	Low-Temperature Magnetic Force Microscopy on Single Molecule Magnet-Based Microarrays. <i>Nano Letters</i> , <b>2017</b> , 17, 1899-1905	11.5	22
339	Magnetic Anisotropy in Pentacoordinate Ni and Co Complexes: Unraveling Electronic and Geometrical Contributions. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 3648-3657	4.8	35
338	Coherent coupling between Vanadyl Phthalocyanine spin ensemble and microwave photons: towards integration of molecular spin qubits into quantum circuits. <i>Scientific Reports</i> , <b>2017</b> , 7, 13096	4.9	30
337	Materials science: Magnetic molecules back in the race. <i>Nature</i> , <b>2017</b> , 548, 400-401	50.4	31
336	Tuning of a Vertical Spin Valve with a Monolayer of Single Molecule Magnets. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1703600	15.6	23
335	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
334	Proof of Principle: Immobilisation of Robust Cu(II)-Tb(III)-Macrocycles on Small, Suitably Pre-functionalised Gold Nanoparticles. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 2517-2521	4.8	10
333	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
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	Diamondoid Structure in a Metal-Organic Framework of Fe <sub>4</sub> Single-Molecule Magnets. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 13705-14	4.8	15
330	Giant spin-phonon bottleneck effects in evaporable vanadyl-based molecules with long spin coherence. <i>Dalton Transactions</i> , <b>2016</b> , 45, 16635-16643	4.3	61
329	Spin Helicity in Chiral Lanthanide Chains. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 10068-10074	5.1	18

328	Single-Chain Magnets <b>2016</b> , 131-159		2
327	Magnetic Bistability in Lanthanide-Based Molecular Systems: The Role of Anisotropy and Exchange Interactions. <i>Fundamental Theories of Physics</i> , <b>2016</b> , 91-139	0.8	17
326	Relaxation Dynamics and Magnetic Anisotropy in a Low-Symmetry Dy(III) Complex. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 5552-62	4.8	52
325	Toward Mesoscale Properties of Self-Assembled Monolayers of SMM on Au(111): An Integrated Ad Hoc FF and DFT Study. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 14774-14781	3.8	4
324	An Organic Spin Valve Embedding a Self-Assembled Monolayer of Organic Radicals. <i>Advanced Materials Interfaces</i> , <b>2016</b> , 3, 1500855	4.6	22
323	Multitechnique investigation of Dy - implications for coupled lanthanide clusters. <i>Chemical Science</i> , <b>2016</b> , 7, 4347-4354	9.4	60
322	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
321	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
320	Molecular Order in Buried Layers of TbPc2 Single-Molecule Magnets Detected by Torque Magnetometry. <i>Advanced Materials</i> , <b>2016</b> , 28, 6946-51	24	20
319	Magnetoelectric coupling and spin-induced electrical polarization in metal-organic magnetic chains. <i>Journal of Materials Chemistry C</i> , <b>2016</b> , 4, 4176-4185	7.1	15
318	Robust Magnetic Properties of a Sublimable Single-Molecule Magnet. <i>ACS Nano</i> , <b>2016</b> , 10, 5663-9	16.7	38
317	The Challenge of Thermal Deposition of Coordination Compounds: Insight into the Case of an Fe4 Single Molecule Magnet. <i>Chemistry of Materials</i> , <b>2016</b> , 28, 7693-7702	9.6	10
316	Thermal and optical control of electronic states in a single layer of switchable paramagnetic molecules. <i>Chemical Science</i> , <b>2015</b> , 6, 2268-2274	9.4	41
315	Single molecule magnet behaviour in a rare trinuclear {Cr(III)Dy} methoxo-bridged complex. <i>Dalton Transactions</i> , <b>2015</b> , 44, 15769-73	4.3	11
314	Single molecule magnets grafted on gold: magnetic properties from ab initio molecular dynamics. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 7294-7304	7.1	16
313	Combined first-principles and thermodynamic approach to M-nitronyl nitroxide (M = Co, Mn) spin helices. <i>Physical Review B</i> , <b>2015</b> , 91,	3.3	14
312	Determination of magnetic anisotropy in the LnTRENAL complexes (Ln = Tb, Dy, Er) by torque magnetometry. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 3090-2	5.1	59
311	Lanthanides in Extended Molecular Networks <b>2015</b> , 89-124		4

310	Magnetic bistability in a submonolayer of sublimated Fe <sub>4</sub> single-molecule magnets. <i>Nano Letters</i> , <b>2015</b> , 15, 535-41	11.5	57
309	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
308	Experimental and Theoretical Studies on the Magnetic Anisotropy in Lanthanide(III)-Centered Fe <sub>3</sub> Ln Propellers. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 12171-80	4.8	19
307	Redox-Controlled Exchange Bias in a Supramolecular Chain of Fe <sub>4</sub> Single-Molecule Magnets. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 8777-82	16.4	31
306	Iodinated Bis(phthalocyaninato)terbium(III) Complexes: Versatile Platforms for Functionalization of Single-Molecule Magnets through Sonogashira Reaction. <i>European Journal of Organic Chemistry</i> , <b>2015</b> , 2015, 7036-7042	3.2	10
305	Redox-Controlled Exchange Bias in a Supramolecular Chain of Fe <sub>4</sub> Single-Molecule Magnets. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 8901-8906	3.6	11
304	Magnetism: General Introduction? <b>2015</b> ,		1
303	Magnetic fingerprint of individual Fe <sub>4</sub> molecular magnets under compression by a scanning tunnelling microscope. <i>Nature Communications</i> , <b>2015</b> , 6, 8216	17.4	46
302	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
301	Mapping of single-site magnetic anisotropy tensors in weakly coupled spin clusters by torque magnetometry. <i>Physical Chemistry Chemical Physics</i> , <b>2014</b> , 16, 17220-30	3.6	20
300	Adding remnant magnetization and anisotropic exchange to propeller-like single-molecule magnets through chemical design. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 13681-91	4.8	15
299	Tetrairon(III) single-molecule magnet monolayers on gold: insights from ToF-SIMS and isotopic labeling. <i>Langmuir</i> , <b>2014</b> , 30, 8645-9	4	17
298	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
297	A Combined Ion Scattering, Photoemission, and DFT Investigation on the Termination Layer of a La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> Spin Injecting Electrode. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 13631-13637	3.8	22
296	UHV deposition and characterization of a mononuclear iron(III) Ediketonate complex on Au(111). <i>Beilstein Journal of Nanotechnology</i> , <b>2014</b> , 5, 2139-48	3	6
295	Valence electronic structure of sublimated Fe <sub>4</sub> single-molecule magnets: an experimental and theoretical characterization. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 9599-9608	7.1	21
294	Angular-resolved magnetometry beyond triclinic crystals part II: torque magnetometry of Cp*ErCOT single-molecule magnets. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 14051-6	4.8	32
293	Grafting single molecule magnets on gold nanoparticles. <i>Small</i> , <b>2014</b> , 10, 323-9	11	26

292	A dense metal-organic framework for enhanced magnetic refrigeration. <i>Advanced Materials</i> , <b>2013</b> , 25, 4653-6	24	226
291	Magnetic and spectroscopic investigation of thermally and optically driven valence tautomerism in thioether-bridged dinuclear cobalt-dioxolene complexes. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 11798-805	5.1	43
290	Magnetism of TbPc2 SMMs on ferromagnetic electrodes used in organic spintronics. <i>Chemical Communications</i> , <b>2013</b> , 49, 11506-8	5.8	44
289	Angular-resolved magnetometry beyond triclinic crystals: out-of-equilibrium studies of Cp*ErCOT single-molecule magnet. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 13726-31	4.8	62
288	On-surface magnetometry: the evaluation of superexchange coupling constants in surface-wired single-molecule magnets. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 16902-5	4.8	17
287	Magnetic Anisotropy and Spin-Parity Effect Along the Series of Lanthanide Complexes with DOTA. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 368-372	3.6	60
286	A new approach to the synthesis of heteronuclear propeller-like single molecule magnets. <i>Dalton Transactions</i> , <b>2013</b> , 42, 4416-26	4.3	25
285	Resonance THz spectroscopy in high magnetic fields. <i>Comptes Rendus Physique</i> , <b>2013</b> , 14, 106-114	1.4	3
284	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
283	Origin and spectroscopic determination of trigonal anisotropy in a heteronuclear single-molecule magnet. <i>Physical Review B</i> , <b>2013</b> , 88,	3.3	24
282	Erratic magnetic hysteresis of TbPc2 molecular nanomagnets. <i>Journal of Materials Chemistry C</i> , <b>2013</b> , 1, 2935	7.1	57
281	Enhanced vapor-phase processing in fluorinated Fe4 single-molecule magnets. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 5897-905	5.1	24
280	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
279	Computational Studies on SAMs of {Mn6} SMMs on Au(111): Do Properties Change upon Grafting?. <i>Journal of Physical Chemistry C</i> , <b>2013</b> , 117, 7186-7190	3.8	13
278	Magnetic bistability of isolated giant-spin centers in a diamagnetic crystalline matrix. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 3390-8	4.8	38
277	Köhlen mit magnetischen Molekülen. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 43-45	3.6	22
276	Chilling with magnetic molecules. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 43-5	16.4	229
275	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

274	A carbon-rich ruthenium decorated dysprosium single molecule magnet. <i>Chemical Communications</i> , <b>2012</b> , 48, 3948-50	5.8	48
273	Amine-templated polymeric lanthanide formates: synthesis, characterization, and applications in luminescence and magnetism. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 6962-8	5.1	66
272	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
271	Lanthanides in molecular magnetism: so fascinating, so challenging. <i>Dalton Transactions</i> , <b>2012</b> , 41, 13556-67	4.7	330
270	Depth-dependent spin dynamics in thin films of TbPc2 nanomagnets explored by low-energy implanted muons. <i>ACS Nano</i> , <b>2012</b> , 6, 8390-6	16.7	36
269	Magnetic and optical bistability in tetrairon(III) single molecule magnets functionalized with azobenzene groups. <i>Dalton Transactions</i> , <b>2012</b> , 41, 8368-78	4.3	22
268	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
267	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
266	Inelastic neutron scattering studies on the odd-membered antiferromagnetic wheel Cr <sub>8</sub> Ni. <i>Physical Review B</i> , <b>2012</b> , 86,	3.3	10
265	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
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