Lorenzo Sorace

List of Publications by Year
in descending order

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226 papers	11,303 citations	31976 53 h-index	39675 94 g-index
239 all docs	239 docs citations	239 times ranked	7291 citing authors

#	Article	IF	Citations
1	Multifunctional â€œDy(hfa)3â€¢glymeâ€•adducts: Synthesis and magnetic/luminescent behaviour. Inorganica Chimica Acta, 2022, 535, 120851.	2.4	1
2	Modulation of Slow Magnetic Relaxation in Gd(III)â€Tetrahalosemiquinonate Complexes. Chemistry - an Asian Journal, 2022, 17, .	3.3	5
3	Magnetic Field Effect on the Handedness of Electrodeposited Heusler Alloy. Applied Sciences (Switzerland), 2022, 12, 5640.	2.5	3
4	Exploring the Organometallic Route to Molecular Spin Qubits: Theâ€‰[CpTi(cot)] Case. Angewandte Chemie, 2021, 133, 2620-2625.	2.0	21
5	Exploring the Organometallic Route to Molecular Spin Qubits: Theâ€‰[CpTi(cot)] Case. Angewandte Chemie - International Edition, 2021, 60, 2588-2593.	13.8	38
6	Probing Vibrational Symmetry Effects and Nuclear Spin Economy Principles in Molecular Spin Qubits. Inorganic Chemistry, 2021, 60, 140-151.	4.0	35
7	Dielectric Effects in FeO_x-Coated Au Nanoparticles Boost the Magnetoplasmonic Response: Implications for Active Plasmonic Devices. ACS Applied Nano Materials, 2021, 4, 1057-1066.	5.0	17
8	Controlled coherent dynamics of [VO(TPP)], a prototype molecular nuclear qudit with an electronic ancilla. Chemical Science, 2021, 12, 12046-12055.	7.4	28
9	Magnetic Anisotropy Trends along a Full 4f-Series: The fⁿ⁺⁷ Effect. Journal of the American Chemical Society, 2021, 143, 8108-8115.	13.7	50
10	Single-Ion Anisotropy and Intramolecular Interactions in Ce^{III} and Nd^{III} Dimers. Inorganic Chemistry, 2021, 60, 8692-8703.	4.0	7
11	Stabilization of an Enantiopure Subâ€monolayer of Helicene Radical Cations on a Au(111) Surface through Noncovalent Interactions. Angewandte Chemie, 2021, 133, 15404-15408.	2.0	1
12	Stabilization of an Enantiopure Subâ€monolayer of Helicene Radical Cations on a Au(111) Surface through Noncovalent Interactions. Angewandte Chemie - International Edition, 2021, 60, 15276-15280.	13.8	11
13	Radiofrequency to Microwave Coherent Manipulation of an Organometallic Electronic Spin Qubit Coupled to a Nuclear Qudit. Inorganic Chemistry, 2021, 60, 11273-11286.	4.0	15
14	Exploring the potential of highly charged Ru(II)- and heteronuclear Ru(II)/Cu(II)-polypyridyl complexes as antimicrobial agents. Journal of Inorganic Biochemistry, 2021, 220, 111467.	3.5	20
15	Chemisorption of nitronylâ€“nitroxide radicals on gold surface: an assessment of morphology, exchange interaction and decoherence time. Nanoscale, 2021, 13, 7613-7621.	5.6	8
16	The Intricate Determination of Magnetic Anisotropy in Quasi-octahedral Vanadium(III): An HF-EPR and Magnetic Study. Applied Magnetic Resonance, 2020, 51, 1233-1250.	1.2	1
17	Storage and retrieval of microwave pulses with molecular spin ensembles. Npj Quantum Information, 2020, 6, .	6.7	26
18	The Origin of Magnetic Anisotropy and Single-Molecule Magnet Behavior in Chromium(II)-Based Extended Metal Atom Chains. Inorganic Chemistry, 2020, 59, 1763-1777.	4.0	29

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19	Different Antioxidant Efficacy of Two MnII-Containing Superoxide Anion Scavengers on Hypoxia/Reoxygenation-Exposed Cardiac Muscle Cells. Scientific Reports, 2019, 9, 10320.	3.3	14
20	Aggregation of heptanuclear [MII7] (Mâ€¯=â€¯Co, Ni, Zn) clusters by a Schiff-base ligand derived from o-vanillin: Synthesis, crystal structures and magnetic properties. Polyhedron, 2019, 171, 269-278.	2.2	12
21	Single-ion anisotropy and exchange coupling in cobalt(<scp>ii</scp>)-radical complexes: insights from magnetic and ab initio studies. Chemical Science, 2019, 10, 8855-8871.	7.4	30
22	Versatile coordination behaviour of the chloro-tetrazine-picolylamine ligand: mixed-valence binuclear Cu(<scp>i</scp>)/Cu(<scp>ii</scp>) complexes. Dalton Transactions, 2019, 48, 11966-11977.	3.3	6
23	NMR and Î¼+SR detection of unconventional spin dynamics in Er(trensal) and Dy(trensal) molecular magnets. Physical Review B, 2019, 100, .	3.2	2
24	Chiral mononuclear lanthanide complexes derived from chiral Schiff bases: Structural and magnetic studies. Polyhedron, 2019, 170, 264-270.	2.2	12
25	DFT Prediction and Experimental Investigation of Valence Tautomerism in Cobalt-Dioxolene Complexes. Inorganic Chemistry, 2019, 58, 4230-4243.	4.0	53
26	Disclosing the Binding Medium Effects and the Pigment Solubility in the (Photo)reduction Process of Chrome Yellows (PbCrO₄/PbCr_{1â€“x}S_xO₄). ACS Omega, 2019, 4, 6607-6619.	3.5	17
27	Structural Diversity Ranging from Oligonuclear Complexes to 1â€Ð and 2â€Ð Coordination Polymers Generated by Tetrasubstituted Adamantane and Spirobifluorene Derivatives. European Journal of Inorganic Chemistry, 2019, 2019, 5025-5038.	2.0	2
28	A Pseudoâ€Octahedral Cobalt(II) Complex with Bispyrazolylpyridine Ligands Acting as a Zeroâ€Field Singleâ€Molecule Magnet with Easy Axis Anisotropy. Chemistry - A European Journal, 2018, 24, 8857-8868.	3.3	60
29	Steric control in the metalâ€“ligand electron transfer of iminopyridineâ€“ytterbocene complexes. Dalton Transactions, 2018, 47, 1566-1576.	3.3	7
30	Structural Effects on the Spin Dynamics of Potential Molecular Qubits. Inorganic Chemistry, 2018, 57, 731-740.	4.0	86
31	MÃ¶ssbauer study of bornite and chemical bonding in Fe-bearing sulphides. Physics and Chemistry of Minerals, 2018, 45, 227-235.	0.8	8
32	New spectroscopic and diffraction data to solve the vanadium-doped zircon pigment conundrum. Journal of the European Ceramic Society, 2018, 38, 5234-5245.	5.7	15
33	Slow Magnetic Relaxation in Lanthanoid Crown Ether Complexes: Interplay of Raman and Anomalous Phonon Bottleneck Processes. Chemistry - A European Journal, 2018, 24, 14768-14785.	3.3	42
34	Nitronyl nitroxide radicals at the interface: a hybrid architecture for spintronics. Rendiconti Lincei, 2018, 29, 623-630.	2.2	14
35	Scaling Up Electronic Spin Qubits into a Three-Dimensional Metalâ€“Organic Framework. Journal of the American Chemical Society, 2018, 140, 12090-12101.	13.7	122
36	A two-qubit molecular architecture for electron-mediated nuclear quantum simulation. Chemical Science, 2018, 9, 6183-6192.	7.4	80

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37	Tm(<scp>iii</scp>) complexes undergoing slow relaxation of magnetization: exchange coupling and aging effects. Dalton Transactions, 2017, 46, 3848-3856.	3.3	15
38	Spin Dynamics and Low Energy Vibrations: Insights from Vanadyl-Based Potential Molecular Qubits. Journal of the American Chemical Society, 2017, 139, 4338-4341.	13.7	114
39	One Dimensional Chain and Ribbon Cobaltâ€“Dioxolene Coordination Polymers: A New Valence Tautomeric Compound. Crystal Growth and Design, 2017, 17, 3156-3162.	3.0	19
40	Electronic Structure and Magnetic Anisotropy in Lanthanoid Single-Ion Magnets with C₃ Symmetry: The Ln(trenovan) Series. Inorganic Chemistry, 2017, 56, 4728-4738.	4.0	33
41	Structural and magnetic properties of semiquinonate based Al(<scp>iii</scp>) and Ga(<scp>iii</scp>) complexes. Dalton Transactions, 2017, 46, 1439-1448.	3.3	9
42	Coherent coupling between Vanadyl Phthalocyanine spin ensemble and microwave photons: towards integration of molecular spin qubits into quantum circuits. Scientific Reports, 2017, 7, 13096.	3.3	42
43	Cobalt(II) Ions Connecting [Co^{II}₄] Helicates into a 2-D Coordination Polymer Showing Slow Relaxation of the Magnetization. Inorganic Chemistry, 2017, 56, 11668-11675.	4.0	10
44	Slow magnetisation relaxation in tetraoxolene-bridged rare earth complexes. Dalton Transactions, 2017, 46, 13756-13767.	3.3	30
45	Multiple Magnetization Reversal Channels Observed in a 3d-4f Single Molecule Magnet. Magnetochemistry, 2016, 2, 27.	2.4	12
46	Valence Tautomerism in One-Dimensional Coordination Polymers. Inorganic Chemistry, 2016, 55, 4141-4151.	4.0	32
47	Slow Relaxation of Magnetization in an Isostructural Series of Zincâ€“Lanthanide Complexes: An Integrated EPR and AC Susceptibility Study. Chemistry - A European Journal, 2016, 22, 12849-12858.	3.3	42
48	Quantum Coherence Times Enhancement in Vanadium(IV)-based Potential Molecular Qubits: the Key Role of the Vanadyl Moiety. Journal of the American Chemical Society, 2016, 138, 11234-11244.	13.7	180
49	Magnetic Anisotropy of Tetrahedral Co^{II} Single-Ion Magnets: Solid-State Effects. Inorganic Chemistry, 2016, 55, 9537-9548.	4.0	74
50	Diamondoid Structure in a Metalâ€“Organic Framework of Fe₄ Singleâ€Molecule Magnets. Chemistry - A European Journal, 2016, 22, 13705-13714.	3.3	18
51	Giant spinâ€“phonon bottleneck effects in evaporable vanadyl-based molecules with long spin coherence. Dalton Transactions, 2016, 45, 16635-16643.	3.3	75
52	Coupling molecular spin centers to microwave planar resonators: towards integration of molecular qubits in quantum circuits. Dalton Transactions, 2016, 45, 16596-16603.	3.3	29
53	Magnetic Bistability in Lanthanide-Based Molecular Systems: The Role of Anisotropy and Exchange Interactions. Fundamental Theories of Physics, 2016, , 91-139.	0.3	20
54	Relaxation Dynamics and Magnetic Anisotropy in a Lowâ€Symmetry Dy^{III} Complex. Chemistry - A European Journal, 2016, 22, 5552-5562.	3.3	56

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55	Room-Temperature Quantum Coherence and Rabi Oscillations in Vanadyl Phthalocyanine: Toward Multifunctional Molecular Spin Qubits. Journal of the American Chemical Society, 2016, 138, 2154-2157.	13.7	286
56	Synthesis, structure, magnetic and magnetocaloric properties of a series of {CrIII4Ln^{III}} complexes. New Journal of Chemistry, 2016, 40, 3571-3577.	2.8	24
57	Quantum coherence in a processable vanadyl complex: new tools for the search of molecular spin qubits. Chemical Science, 2016, 7, 2074-2083.	7.4	144
58	Chromium speciation methods and infrared spectroscopy for studying the chemical reactivity of lead chromate-based pigments in oil medium. Microchemical Journal, 2016, 124, 272-282.	4.5	48
59	Thermal and optical control of electronic states in a single layer of switchable paramagnetic molecules. Chemical Science, 2015, 6, 2268-2274.	7.4	46
60	Redox-Active Sites in Auricularia auricula-judae Dye-Decolorizing Peroxidase and Several Directed Variants: A Multifrequency EPR Study. Journal of Physical Chemistry B, 2015, 119, 13583-13592.	2.6	16
61	Synchrotron-based X-ray spectromicroscopy and electron paramagnetic resonance spectroscopy to investigate the redox properties of lead chromate pigments under the effect of visible light. Journal of Analytical Atomic Spectrometry, 2015, 30, 1500-1510.	3.0	25
62	Determination of Magnetic Anisotropy in the LnTRENSAL Complexes (Ln = Tb, Dy, Er) by Torque Magnetometry. Inorganic Chemistry, 2015, 54, 3090-3092.	4.0	62
63	Switching nuclearity and Co(<scp>ii</scp>) content through stoichiometry adjustment: {Co^{II}₆Co^{III}₃} and {Co^{II}Co₄^{III}} mixed valent complexes and a study of their magnetic properties. Dalton Transactions, 2015, 44, 2390-2400.	3.3	28
64	Magnetic blocking in extended metal atom chains: a pentachromium(<scp>ii</scp>) complex behaving as a single-molecule magnet. Chemical Communications, 2014, 50, 15191-15194.	4.1	37
65	Modular Molecules: Siteâ€Selective Metal Substitution, Photoreduction, and Chirality in Polyoxometalate Hybrids. Chemistry - A European Journal, 2014, 20, 14102-14111.	3.3	30
66	Grafting Single Molecule Magnets on Gold Nanoparticles. Small, 2014, 10, 323-329.	10.0	31
67	Beyond the anisotropy barrier: slow relaxation of the magnetization in both easy-axis and easy-plane Ln(trensal) complexes. Chemical Communications, 2014, 50, 1648-1651.	4.1	192
68	Core-Hole Screening, Electronic Structure, and Paramagnetic Character in Thin Films of Organic Radicals Deposited on SiO₂/Si(111). Journal of Physical Chemistry C, 2014, 118, 8044-8049.	3.1	15
69	Multifunctional nanoprobes based on upconverting lanthanide doped CaF₂: towards biocompatible materials for biomedical imaging. Biomaterials Science, 2014, 2, 1158-1171.	5.4	27
70	Adding Remnant Magnetization and Anisotropic Exchange to Propellerâ€like Singleâ€Molecule Magnets through Chemical Design. Chemistry - A European Journal, 2014, 20, 13681-13691.	3.3	20
71	Magnetic and Luminescent Binuclear Double-Stranded Helicates. Inorganic Chemistry, 2014, 53, 7738-7747.	4.0	55
72	Magnetic Study of a Pentanuclear {Co2IIICo3II} Cluster with a Bent {CoII3} Motif. European Journal of Inorganic Chemistry, 2014, 2014, 2561-2568.	2.0	20

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73	Syntheses, Characterization, and Magnetoâ€“Structural Analyses in Î¼_{1,3}â€Acetatoâ€Bridged Tetracopper(II) and Î¼_{1,3}â€•and Î¼_{1,1,3}â€Acetatoâ€Bridged Pentanickel(II) Clusters. European Journal of Inorganic Chemistry, 2014, 2014, 2753-2765.	2.0	10
74	Magnetic and Spectroscopic Investigation of Thermally and Optically Driven Valence Tautomerism in Thioether-Bridged Dinuclear Cobaltâ€“Dioxolene Complexes. Inorganic Chemistry, 2013, 52, 11798-11805.	4.0	55
75	Polynuclear nickel(II) complexes with salicylaldimine derivative ligands. Inorganica Chimica Acta, 2013, 394, 741-746.	2.4	12
76	Synthesis, spectral characterization and X-ray crystal structure of Fe(III) and Co(III) complexes with an acyclic Schiff base ligand. Inorganica Chimica Acta, 2013, 406, 171-175.	2.4	7
77	A 3-D coordination network constructed from an angular bis-oxamato tecton and calcium ions. CrystEngComm, 2013, 15, 8422.	2.6	6
78	A new approach to the synthesis of heteronuclear propeller-like single molecule magnets. Dalton Transactions, 2013, 42, 4416.	3.3	30
79	Origin and spectroscopic determination of trigonal anisotropy in a heteronuclear single-molecule magnet. Physical Review B, 2013, 88, .	3.2	26
80	A spectroscopic characterization of a phenolic natural mediator in the laccase biocatalytic reaction. Journal of Molecular Catalysis B: Enzymatic, 2013, 97, 203-208.	1.8	14
81	Radicalâ€Functionalised Gel: A Buildingâ€Block Strategy for Magnetochiral Assembly. ChemPlusChem, 2013, 78, 149-156.	2.8	6
82	Redox Activity and Two-Step Valence Tautomerism in a Family of Dinuclear Cobalt Complexes with a Spiroconjugated Bis(dioxolene) Ligand. Journal of the American Chemical Society, 2013, 135, 8304-8323.	13.7	102
83	Sheets of Tetranuclear Ni(II) [2 Ã— 2] Square Grids Structure with Infinite Orthogonal Two-Dimensional Waterâ€“Chlorine Chains. Crystal Growth and Design, 2013, 13, 4172-4176.	3.0	20
84	Nanoscale Assembly of Paramagnetic Organic Radicals on Au(111) Single Crystals. Chemistry - A European Journal, 2013, 19, 3445-3450.	3.3	36
85	Synthesis, crystal structure, magnetic properties and computational study of a series of cyano-bridged MnIII-FeII complexes. CrystEngComm, 2012, 14, 7320.	2.6	21
86	A novel one-dimensional coordination polymer bearing tetrakis-carboxylato Co(II)2 units interacting via P-donors based on 1-carboxylic-1â€²-(diphenylphosphino)ferrocene. Inorganica Chimica Acta, 2012, 392, 404-409.	2.4	3
87	A Two-Step Valence Tautomeric Transition in a Dinuclear Cobalt Complex. Inorganic Chemistry, 2012, 51, 3944-3946.	4.0	53
88	A slow relaxing species for molecular spin devices: EPR characterization of static and dynamic magnetic properties of a nitronyl nitroxide radical. Journal of Materials Chemistry, 2012, 22, 22272.	6.7	20
89	Dinuclear Cu(II) Complexes of Isomeric Bis-(3-acetylacetonate)benzene Ligands: Synthesis, Structure, and Magnetic Properties. Inorganic Chemistry, 2012, 51, 5409-5416.	4.0	21
90	Influence of Ï€â€“Ï€ Stacking Interactions on the Assembly of Layered Copper Phosphonate Coordination Polymers: Combined Powder Diffraction and Electron Paramagnetic Resonance Study. Crystal Growth and Design, 2012, 12, 2327-2335.	3.0	24

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91	Magnetic and optical bistability in tetrairon(iii) single molecule magnets functionalized with azobenzene groups. Dalton Transactions, 2012, 41, 8368.	3.3	26
92	Exploring the Noâ€Manâ€™s Land between Molecular Nanomagnets and Magnetic Nanoparticles. Angewandte Chemie - International Edition, 2012, 51, 4792-4800.	13.8	65
93	Magnetic Bistability of Isolated Giantâ€Spin Centers in a Diamagnetic Crystalline Matrix. Chemistry - A European Journal, 2012, 18, 3390-3398.	3.3	44
94	Determination of the relevant magnetic interactions in low-dimensional molecular materials: the fundamental role of single crystal high frequency EPR. Dalton Transactions, 2011, 40, 10843.	3.3	32
95	Steric control on the redox chemistry of (Î·5-C9H7)2YbII(THF)2 by 6-aryl substituted iminopyridines. Dalton Transactions, 2011, 40, 10568.	3.3	16
96	Utilizing the Adaptive Polyoxometalate [As₂W₁₉O₆₇(H₂O)]^{14â€“} To Support a Polynuclear Lanthanoid-Based Single-Molecule Magnet. Inorganic Chemistry, 2011, 50, 7004-7014.	4.0	113
97	Single crystal EPR study at 95 GHz of a large Fe based molecular nanomagnet: toward the structuring of magnetic nanoparticle properties. Dalton Transactions, 2011, 40, 8145.	3.3	19
98	Lanthanides in molecular magnetism: old tools in a new field. Chemical Society Reviews, 2011, 40, 3092.	38.1	963
99	Spin Structure of Surface-Supported Single-Molecule Magnets from Isomorphous Replacement and X-ray Magnetic Circular Dichroism. Inorganic Chemistry, 2011, 50, 2911-2917.	4.0	47
100	A dimanganese(II) complex with bridging chlorides: Synthesis, electrochemistry, magnetic behavior, structure and bonding. Inorganica Chimica Acta, 2011, 365, 277-281.	2.4	8
101	Mono- and dinuclear Fe(III) complexes with the N2O2 donor 5-chlorosalicylideneimine ligands; synthesis, X-ray structural characterization and magnetic properties. Inorganica Chimica Acta, 2011, 366, 191-197.	2.4	31
102	Looking for quantum effects in magnetic nanoparticles using the molecular nanomagnet approach. Physical Review B, 2011, 83, .	3.2	28
103	Cobalt-Dioxolene Redox Isomers: Potential Spintronic Devices. Applied Magnetic Resonance, 2010, 38, 139-153.	1.2	71
104	Exchange interactions in trinuclear multispin complexes [Fe 2 III MIIO(p-NitPhCOO)6]â^™MeCN (M = Co, Ni,) Tj ETQq0 0 0 rgBT /Overloc 243-249.	0.8	0
105	A New Cobalt(II)â€Layered Network Based on Phenyl(carboxymethyl) Phosphinate. European Journal of Inorganic Chemistry, 2010, 2010, 3179-3184.	2.0	19
106	Slow Magnetic Relaxation from Hardâ€Axis Metal Ions in Tetranuclear Singleâ€Molecule Magnets. Chemistry - A European Journal, 2010, 16, 10482-10493.	3.3	53
107	Endogenous Arene Hydroxylation Promoted by Copper(I) Cluster Helicates. Chemistry - A European Journal, 2010, 16, 14175-14180.	3.3	20
108	Softâ€Xâ€rayâ€Induced Redox Isomerism in a Cobalt Dioxolene Complex. Angewandte Chemie - International Edition, 2010, 49, 1954-1957.	13.8	89

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109	Quantum tunnelling of the magnetization in a monolayer of oriented single-molecule magnets. Nature, 2010, 468, 417-421.	27.8	574
110	Metal Dilution Effects on Entropy and Light-Induced Valence Tautomeric Interconversion in a 1:1 Cobaltâ"Dioxolene Complex. Inorganic Chemistry, 2010, 49, 3271-3277.	4.0	19
111	Low-valent vanadium catecholate clusters. Chemical Science, 2010, 1, 221.	7.4	7
112	Slow Relaxation of the Magnetization in Non-Linear Optical Active Layered Mixed Metal Oxalate Chains. Inorganic Chemistry, 2010, 49, 10894-10901.	4.0	29
113	A missing high-spin molecule in the family of cyanido-bridged heptanuclear heterometal complexes, [(LCuII)6FeIII(CN)6]3+, and its CoIII and CrIII analogues, accompanied in the crystal by a novel octameric water cluster. Dalton Transactions, 2010, 39, 4838.	3.3	37
114	Introduction of ester and amido functions in tetrairon(iii) single-molecule magnets: synthesis and physical characterization. Dalton Transactions, 2010, 39, 5851.	3.3	15
115	Solvation effects on the valence tautomeric transition of a cobalt complex in the solid state. Dalton Transactions, 2010, 39, 4757-4767.	3.3	66
116	The coordination preferences of metal centres modulate superexchange coupling interactions in a metallo-supramolecular helical assembly. Chemical Communications, 2010, 46, 4797.	4.1	16
117	Heterometallic 3dâ€"4f coordination polymers: Synthesis, characterization and magnetic properties of 1D zigzag chains containing samarium and terbium. Solid State Sciences, 2009, 11, 766-771.	3.2	8
118	Magnetic Interactions and Magnetic Anisotropy in Exchange Coupled 4fâ€"3d Systems: A Case Study of a Heterodinuclear Ce³⁺â€"Fe³⁺ Cyanideâ€Bridged Complex. Chemistry - A European Journal, 2009, 15, 1377-1388.	3.3	51
119	Xâ€ray Absorption Spectroscopy as a Probe of Photoâ€and Thermally Induced Valence Tautomeric Transition in a 1:1 Cobaltâ€"Dioxolene Complex. ChemPhysChem, 2009, 10, 2090-2095.	2.1	21
120	Thermal Deposition of Intact Tetrairon(III) Singleâ€Molecule Magnets in Highâ€Vacuum Conditions. Small, 2009, 5, 1460-1466.	10.0	58
121	Synthesis, characterization, and magnetic properties of new binuclear CuIICuII bis(oxamato) complexes. Inorganica Chimica Acta, 2009, 362, 563-569.	2.4	16
122	Syntheses, crystal structures and magnetic properties of three new binuclear Ni(II) complexes derived from tripodal tetradentate (N4) ligands. Polyhedron, 2009, 28, 162-166.	2.2	8
123	Ordering Magnetic Molecules within Nanoporous Crystalline Polymers. Chemistry of Materials, 2009, 21, 4750-4752.	6.7	69
124	Magnetic properties and spin dynamics in the single-molecule paramagnetsCu6FeandCu6Co. Physical Review B, 2009, 80, .	3.2	11
125	Tri-, tetra- and octa-metallic vanadium(III) clusters from new, simple starting materials: interplay of exchange and anisotropy effects. Dalton Transactions, 2009, , 9402.	3.3	23
126	Molecular nanomagnets and magnetic nanoparticles: the EMR contribution to a common approach. Physical Chemistry Chemical Physics, 2009, 11, 6555.	2.8	55

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127	On the way to the magnetoâ€optical characterization of trinuclear Cu^{II}Cu^{II}Cu^{II}bis(oxamato) complexes. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2008, 634, 2063-2063.	1.2	0
128	Tuning the Charge Distribution and Photoswitchable Properties of Cobaltâ€“Dioxolene Complexes by Using Molecular Techniques. Chemistry - A European Journal, 2008, 14, 1804-1813.	3.3	116
129	Complete Direct and Reverse Optically Induced Valence Tautomeric Interconversion in a Cobaltâ€“Dioxolene Complex. Chemistry - A European Journal, 2008, 14, 10915-10918.	3.3	86
130	Copper(II) Complexes with Bridging Diphosphinates â€“ The Effect of the Elongation of the Aliphatic Chain on the Structural Arrangements Around the Metal Centres. European Journal of Inorganic Chemistry, 2008, 2008, 3046-3055.	2.0	29
131	Thermodynamics of valence tautomeric interconversion in a tetrachlorodioxolene:cobalt 1:1 adduct. Inorganica Chimica Acta, 2008, 361, 3842-3846.	2.4	52
132	Rational enhancement of the coordination capability of Ru(III)(salen)-nitronyl nitroxide building block: A step towards 2pâ€“3dâ€“4d magnetic edifices. Inorganica Chimica Acta, 2008, 361, 3427-3431.	2.4	7
133	From multidomain particles to organic radicals: The multifaceted magnetic properties of tobacco and cigarette ash. Inorganica Chimica Acta, 2008, 361, 3882-3886.	2.4	4
134	Slow quantum relaxation in a tetrairon(III) single-molecule magnet. Inorganica Chimica Acta, 2008, 361, 3481-3488.	2.4	23
135	Patterned monolayers of nitronyl nitroxide radicals. Inorganica Chimica Acta, 2008, 361, 3525-3528.	2.4	16
136	Addressing single molecules of a thin magnetic film. Inorganica Chimica Acta, 2008, 361, 4089-4093.	2.4	12
137	Synthesis, structural, magnetic and high frequency EPR studies on a hexametallic Fe(III) complex with a highly rhombic S=5 ground state. Inorganica Chimica Acta, 2008, 361, 3663-3668.	2.4	12
138	Molecular magnetism, status and perspectives. Solid State Sciences, 2008, 10, 1701-1709.	3.2	75
139	A 2D Coordination Polymer with Canted Ferromagnetism Constructed from Ferromagnetic [Ni^{II}Co^{II}] Nodes. Inorganic Chemistry, 2008, 47, 6590-6592.	4.0	49
140	Multifrequency EMR and Magnetic Characterization of Synthetic Powdered Hematite. Journal of Physical Chemistry C, 2008, 112, 9988-9995.	3.1	18
141	Site-Specific Anchoring of Tetrairon(III) Single Molecule Magnets on Functionalized Si(100) Surfaces. Chemistry of Materials, 2008, 20, 2405-2411.	6.7	47
142	X-ray structure and magnetochemical study on a Co(II) complex of 2-acetyl-1,3-indandione. Journal of Coordination Chemistry, 2008, 61, 3879-3886.	2.2	8
143	Spin noise fluctuations from paramagnetic molecular adsorbates on surfaces. Journal of Applied Physics, 2007, 101, 053916.	2.5	48
144	Electronic Influence of the Thienyl Sulfur Atom on the Oligomerization of Ethylene by Cobalt(II) 6-(Thienyl)-2-(imino)pyridine Catalysis. Organometallics, 2007, 26, 726-739.	2.3	74

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145	Synthesis of a New Polydentate Ligand Obtained by Coupling 2,6-Bis(imino)pyridine and (Imino)pyridine Moieties and Its Use in Ethylene Oligomerization in Conjunction with Iron(II) and Cobalt(II) Bis-halides. Organometallics, 2007, 26, 5066-5078.	2.3	47
146	Ferromagnetic interactions in Ru(iii)â€“nitronyl nitroxide radical complex: a potential 2p4d building block for molecular magnets. Dalton Transactions, 2007, , 2689-2695.	3.3	19
147	Self-Assembled Organic Radicals on Au(111) Surfaces: A Combined ToF-SIMS, STM, and ESR Study. Langmuir, 2007, 23, 2389-2397.	3.5	73
148	Unravelling the chemical nature of copper cuprizone. Dalton Transactions, 2007, , 2112.	3.3	51
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