Andrea Caneschi

List of Publications by Year in Descending Order

381 papers	26,076 citations	81 h-index	148 g-index
395 ext. papers	27,152 ext. citations	6.1 avg, IF	6.41 L-index

#	Paper	IF	Citations
381	Investigation of a Tetrathiafulvalene-Based Fe2+ Thermal Spin Crossover Assembled on Gold Surface. *Magnetochemistry*, **2022**, 8, 14	3.1	0
380	Smart Magnetic Nanocarriers for Multi-Stimuli On-Demand Drug Delivery.. *Nanomaterials*, **2022**, 12,	5.4	6
379	Multifunctional Dy(hfa)3Glyme2adducts: synthesis and magnetic/luminescent behaviour. *Inorganica Chimica Acta*, **2022**, 120851	2.7	
378	Optimisation of Thiourea Concentration in a Decorative Copper Plating Acid Bath Based on Methanesulfonic Electrolyte. *Coatings*, **2022**, 12, 376	2.9	1
377	Engineering Chemisorption of Fe4 Single-Molecule Magnets on Gold. *Advanced Materials Interfaces*, **2021**, 8, 2101182	4.6	1
376	Sustainable Materials and their Contribution to the Sustainable Development Goals (SDGs): A Critical Review Based on an Italian Example. *Molecules*, **2021**, 26,	4.8	13
375	Self Standing Mats of Blended Polyaniline Produced by Electrospinning. *Nanomaterials*, **2021**, 11,	5.4	3
374	Quasi-Hexagonal to Lepidocrocite-like Transition in TiO2 Ultrathin Films on Cu(001). *Journal of Physical Chemistry C*, **2021**, 125, 10621-10630	3.8	1
373	Chemisorption of nitronyl-nitroxide radicals on gold surface: an assessment of morphology, exchange interaction and decoherence time. *Nanoscale*, **2021**, 13, 7613-7621	7.7	4
372	Tripodal Oxazolidine-N-Oxyl Diradical Complexes of Dy3+ and Eu3+. *Inorganics*, **2021**, 9, 91	2.9	0
371	Enhancement of the Magnetic Coupling in Exfoliated CrCl Crystals Observed by Low-Temperature Magnetic Force Microscopy and X-ray Magnetic Circular Dichroism. *Advanced Materials*, **2020**, 32, e2000566	24	14
370	Magnetic Anisotropy Drives Magnetochiral Dichroism in a Chiral Molecular Helix Probed with Visible Light. *Journal of the American Chemical Society*, **2020**, 142, 13908-13916	16.4	14
369	Lanthanide Complexes with a Tripodal Nitroxyl Radical Showing Strong Magnetic Coupling. *Inorganic Chemistry*, **2020**, 59, 16591-16598	5.1	2
368	Temperature-induced transport changes in molecular junctions based on a spin crossover complex. *Journal of Materials Chemistry C*, **2019**, 7, 5343-5347	7.1	19
367	Aggregation of heptanuclear [MII7] (M = Co, Ni, Zn) clusters by a Schiff-base ligand derived from o-vanillin: Synthesis, crystal structures and magnetic properties. *Polyhedron*, **2019**, 171, 269-278	2.7	8
366	Electric field modulation of magnetic exchange in molecular helices. *Nature Materials*, **2019**, 18, 329-334	27	38
365	Self-assembly of a terbium(III) 1D coordination polymer on mica. *Beilstein Journal of Nanotechnology*, **2019**, 10, 2440-2448	3	3

364	Sustainable synthesis of quaternary sulphides: The problem of the uptake of zinc in CZTS. *Journal of Alloys and Compounds*, **2019**, 775, 1221-1229	5.7	4
363	Enhanced hydrogen photogeneration by bulk g-CN through a simple and efficient oxidation route. *Dalton Transactions*, **2018**, 47, 6772-6778	4.3	15
362	Type I Collagen and Strontium-Containing Mesoporous Glass Particles as Hybrid Material for 3D Printing of Bone-Like Materials. *Materials*, **2018**, 11,	3.5	22
361	Nitronyl nitroxide radicals at the interface: a hybrid architecture for spintronics. *Rendiconti Lincei*, **2018**, 29, 623-630	1.7	7
360	Temperature and pH sensors based on graphenic materials. *Biosensors and Bioelectronics*, **2017**, 91, 870-873	7.8	67
359	Pursuing the stabilisation of crystalline nanostructured magnetic manganites through a green low temperature hydrothermal synthesis. *Journal of Materials Chemistry C*, **2017**, 5, 3359-3371	7.1	9
358	Low-Temperature Magnetic Force Microscopy on Single Molecule Magnet-Based Microarrays. *Nano Letters*, **2017**, 17, 1899-1905	11.5	22
357	A chimeric design of heterospin 2p-3d, 2p-4f, and 2p-3d-4f complexes using a novel family of paramagnetic dissymmetric compartmental ligands. *Chemical Communications*, **2017**, 53, 6504-6507	5.8	40
356	Cobalt(II) Ions Connecting [Co] Helicates into a 2-D Coordination Polymer Showing Slow Relaxation of the Magnetization. *Inorganic Chemistry*, **2017**, 56, 11668-11675	5.1	8
355	Recombination dynamics in CsPbBr_3 nanocrystals: role of surface states. *Optical Materials Express*, **2017**, 7, 4367	2.6	20
354	Synthesis, Crystal Structure, and Magnetic Properties of a New Mixed Metal (Co(II), Ni(II)) Cubane. *Materials*, **2017**, 10,	3.5	8
353	Proton NMR study of spin dynamics in the magnetic organic chains M(hfac)3 NITEt (M=Eu3+,Gd3+). *Physical Review B*, **2016**, 93,	3.3	2
352	Residual matrix from different separation techniques impacts exosome biological activity. *Scientific Reports*, **2016**, 6, 23550	4.9	95
351	An Organic Spin Valve Embedding a Self-Assembled Monolayer of Organic Radicals. *Advanced Materials Interfaces*, **2016**, 3, 1500855	4.6	22
350	Synthesis, structure, magnetic and magnetocaloric properties of a series of {CrIII4LnIII} complexes. *New Journal of Chemistry*, **2016**, 40, 3571-3577	3.6	19
349	Quantum coherence in a processable vanadyl complex: new tools for the search of molecular spin qubits. *Chemical Science*, **2016**, 7, 2074-2083	9.4	109
348	A capacitive probe for Electron Spin Resonance detection. *Journal of Magnetic Resonance*, **2016**, 263, 116-121	3	
347	Multiple Magnetization Reversal Channels Observed in a 3d-4f Single Molecule Magnet. *Magnetochemistry*, **2016**, 2, 27	3.1	12

346	Geomaterials related to photovoltaics: a nanostructured Fe-bearing kuramite, Cu3SnS4. *Physics and Chemistry of Minerals*, **2016**, 43, 535-544	1.6	4
345	Slow Relaxation of Magnetization in an Isostructural Series of Zinc-Lanthanide Complexes: An Integrated EPR and AC Susceptibility Study. *Chemistry - A European Journal*, **2016**, 22, 12849-58	4.8	40
344	The first 3D and trinuclear cyano-bridged FeIIIFeIII(CN)6 complexes: structure and magnetic characterizations. *CrystEngComm*, **2015**, 17, 3082-3088	3.3	19
343	Single molecule magnet behaviour in a rare trinuclear {Cr(III)Dy} methoxo-bridged complex. *Dalton Transactions*, **2015**, 44, 15769-73	4.3	11
342	High temperature spin dynamics in linear magnetic chains, molecular rings, and segments by nuclear magnetic resonance. *Journal of Applied Physics*, **2015**, 117, 17B308	2.5	2
341	Local spin dynamics at low temperature in the slowly relaxing molecular chain [Dy(hfac)3{NIT(C6H4OPh)}]: A □ spin relaxation study. *Journal of Applied Physics*, **2015**, 117, 17B310	2.5	2
340	Synthesis and characterization of a family of Fe(II) tetrazole complexes [Fe(C6mtz)6]X2 (X = BF4□ ClO4□PF6□ *Journal of Coordination Chemistry*, **2015**, 68, 3457-3471	1.6	5
339	Switching-on luminescence in anilate-based molecular materials. *Dalton Transactions*, **2015**, 44, 15786-802	4.3	27
338	Analysis of the electrostatics in Dy(III) single-molecule magnets: the case study of Dy(Murex)3. *Dalton Transactions*, **2015**, 44, 18270-5	4.3	21
337	Strong magneto-chiral dichroism in a paramagnetic molecular helix observed by hard X-ray. *Nature Physics*, **2015**, 11, 69-74	16.2	156
336	Metal-Organic Chemical Vapor Deposition (MOCVD) Synthesis of Heteroepitaxial Pr0.7Ca0.3MnO3 Films: Effects of Processing Conditions on Structural/Morphological and Functional Properties. *ChemistryOpen*, **2015**, 4, 523-32	2.3	7
335	Magneto-Optical Probe for Investigation of Multiphase Fe Oxide Nanosystems. *Chemistry of Materials*, **2015**, 27, 466-473	9.6	14
334	Molecular magnets and surfaces: A promising marriage. A DFT insight. *Coordination Chemistry Reviews*, **2015**, 289-290, 357-378	23.2	46
333	Coprecipitation of Oxalates: An Easy and Reproducible Wet-Chemistry Synthesis Route for Transition-Metal Ferrites. *European Journal of Inorganic Chemistry*, **2014**, 2014, 875-887	2.3	27
332	Substrate-induced effects in thin films of a potential magnet composed of metal-free organic radicals deposited on Si(111). *Chemical Communications*, **2014**, 50, 13510-3	5.8	9
331	Magnetic and luminescent binuclear double-stranded helicates. *Inorganic Chemistry*, **2014**, 53, 7738-47	5.1	48
330	Green and low temperature synthesis of nanocrystalline transition metal ferrites by simple wet chemistry routes. *Nano Research*, **2014**, 7, 1027-1042	10	64
329	Syntheses, Characterization, and MagnetoStructural Analyses in □1,3-Acetato-Bridged Tetracopper(II) and □1,3- and □1,1,3-Acetato-Bridged Pentanickel(II) Clusters. *European Journal of Inorganic Chemistry*, **2014**, 2014, 2753-2765	2.3	9

328	Electron-paramagnetic resonance detection with software time locking. *Review of Scientific Instruments*, **2014**, 85, 024703	1.7	1
327	Electrochemical characterization of core@shell CoFe2O4/Au composite. *Journal of Nanoparticle Research*, **2013**, 15, 1	2.3	12
326	At the interface between organic radicals and TiO2(110) single crystals: electronic structure and paramagnetic character. *Chemical Communications*, **2013**, 49, 10103-5	5.8	24
325	Paramagnetic nitronyl nitroxide radicals on Al2O3(11-20) single crystals: nanoscale assembly, morphology, electronic structure, and paramagnetic character toward future applications. *ACS Applied Materials & Interfaces*, **2013**, 5, 13006-11	9.5	11
324	Polynuclear nickel(II) complexes with salicylaldimine derivative ligands. *Inorganica Chimica Acta*, **2013**, 394, 741-746	2.7	11
323	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	2.7	6
322	Circular magnetoplasmonic modes in gold nanoparticles. *Nano Letters*, **2013**, 13, 4785-9	11.5	86
321	Magnetic Anisotropy and Spin-Parity Effect Along the Series of Lanthanide Complexes with DOTA. *Angewandte Chemie*, **2013**, 125, 368-372	3.6	60
320	Magnetic anisotropy and spin-parity effect along the series of lanthanide complexes with DOTA. *Angewandte Chemie - International Edition*, **2013**, 52, 350-4	16.4	252
319	Supported □and □iron oxide nanomaterials by chemical vapor deposition: structure, morphology and magnetic properties. *CrystEngComm*, **2013**, 15, 1039-1042	3.3	35
318	Radical-Functionalised Gel: A Building-Block Strategy for Magnetochiral Assembly. *ChemPlusChem*, **2013**, 78, 149-156	2.8	4
317	Sheets of Tetranuclear Ni(II) [2 □2] Square Grids Structure with Infinite Orthogonal Two-Dimensional Water□hlorine Chains. *Crystal Growth and Design*, **2013**, 13, 4172-4176	3.5	15
316	Paramagnetic Character in Thin Films of Metal-Free Organic Magnets Deposited on TiO2(110) Single Crystals. *Journal of Physical Chemistry C*, **2013**, 117, 26675-26679	3.8	11
315	Nanoscale assembly of paramagnetic organic radicals on Au(111) single crystals. *Chemistry - A European Journal*, **2013**, 19, 3445-50	4.8	31
314	Charge compensation and magnetic properties in Sr and Cu doped La-Fe perovskites. *EPJ Web of Conferences*, **2013**, 40, 15005	0.3	5
313	Magnetic anisotropy in a dysprosium/DOTA single-molecule magnet: beyond simple magneto-structural correlations. *Angewandte Chemie - International Edition*, **2012**, 51, 1606-10	16.4	474
312	Synthesis, crystal structure, magnetic properties and computational study of a series of cyano-bridged MnIII-FeII complexes. *CrystEngComm*, **2012**, 14, 7320	3.3	20
311	A carbon-rich ruthenium decorated dysprosium single molecule magnet. *Chemical Communications*, **2012**, 48, 3948-50	5.8	48

310	Interpretation of cw-ESR spectra of p-methyl-thio-phenyl-nitronyl nitroxide in a nematic liquid crystalline phase. *Physical Chemistry Chemical Physics*, **2012**, 14, 3200-7	3.6	7
309	Crystal structures and magnetic properties of strontium and copper doped lanthanum ferrites. *Journal of Solid State Chemistry*, **2012**, 191, 33-39	3.3	39
308	Magnetic Anisotropy in a Dysprosium/DOTA Single-Molecule Magnet: Beyond Simple Magneto-Structural Correlations. *Angewandte Chemie*, **2012**, 124, 1638-1642	3.6	87
307	Giant field dependence of the low temperature relaxation of the magnetization in a dysprosium(III)-DOTA complex. *Chemical Communications*, **2011**, 47, 3751-3	5.8	190
306	A periodic mixed gaussians-plane waves DFT study on simple thiols on Au(111): adsorbate species, surface reconstruction, and thiols functionalization. *Physical Chemistry Chemical Physics*, **2011**, 13, 3886-95	3.6	29
305	Finite-size effects on the dynamic susceptibility of CoPhOMe single-chain molecular magnets in presence of a static magnetic field. *Physical Review B*, **2011**, 84,	3.3	23
304	Chemical state of arsenic and copper in enargite: evidences from EPR and X-ray absorption spectroscopies, and SQUID magnetometry. *Neues Jahrbuch Fur Mineralogie, Abhandlungen*, **2011**, 188, 11-19	1	13
303	Magnetic properties and cation ordering of nanopowders of the synthetic analogue of kuramite, Cu3SnS4. *Physics and Chemistry of Minerals*, **2011**, 38, 483-490	1.6	24
302	Thiodiacetate-manganese chemistry with N ligands: unique control of the supramolecular arrangement over the metal coordination mode. *Chemistry - A European Journal*, **2011**, 17, 10600-17	4.8	24
301	A DFT exploration of the organization of thiols on Au(111): a route to self-assembled monolayer of magnetic molecules. *Journal of Materials Chemistry*, **2010**, 20, 10747		20
300	Phase diagram of NdFeAsO(1-x)F(x): essential role of chemical composition. *Journal of the American Chemical Society*, **2010**, 132, 2417-20	16.4	29
299	Low-valent vanadium catecholate clusters. *Chemical Science*, **2010**, 1, 221	9.4	7
298	Slow relaxation of the magnetization in non-linear optical active layered mixed metal oxalate chains. *Inorganic Chemistry*, **2010**, 49, 10894-901	5.1	29
297	A missing high-spin molecule in the family of cyanido-bridged heptanuclear heterometal complexes, [(LCu(II))₃Fe(III)(CN)₆]³⁺, and its Co(III) and Cr(III) analogues, accompanied in the crystal by a novel octameric water cluster. *Dalton Transactions*, **2010**, 39, 4838-47	4.3	36
296	Synthesis and studies of water-soluble Prussian Blue-type nanoparticles into chitosan beads. *Physical Chemistry Chemical Physics*, **2010**, 12, 12760-70	3.6	38
295	Coupling between magnetic and optical properties of stable Au-Fe solid solution nanoparticles. *Nanotechnology*, **2010**, 21, 165701	3.4	32
294	New heterometallic coordination polymers constructed from 3d–4d? binuclear nodes. *New Journal of Chemistry*, **2010**, 34, 2479	3.6	46
293	Self-sorting chiral organogels from a long chain carbamate of 1-benzyl-pyrrolidine-3,4-diol. *Soft Matter*, **2010**, 6, 1655	3.6	37

292	X-ray detected magnetic hysteresis of thermally evaporated terbium double-decker oriented films. *Advanced Materials*, **2010**, 22, 5488-93	24	110
291	Experimental validation of Villain's conjecture about magnetic ordering in quasi-1D helimagnets. *Journal of Magnetism and Magnetic Materials*, **2010**, 322, 1259-1261	2.8	8
290	Towards the detection of single polychlorotriphenylmethyl radical derivatives by means of Electron Spin Noise STM. *Solid State Sciences*, **2009**, 11, 956-960	3.4	24
289	Anion, Solvent and Time Dependence of High-Spin□Low-Spin Interactions in a 3D Coordination Polymer. *European Journal of Inorganic Chemistry*, **2009**, 2009, 3948-3959	2.3	20
288	The unusual magnetic properties of kuramite□stannite pseudobinary series: a SQUID and EPR survey. *Physics and Chemistry of Minerals*, **2009**, 36, 301-309	1.6	6
287	Thermal deposition of intact tetrairon(III) single-molecule magnets in high-vacuum conditions. *Small*, **2009**, 5, 1460-6	11	55
286	Density functional studies on the exchange interaction of a dinuclear Gd(iii)-Cu(ii) complex: method assessment, magnetic coupling mechanism and magneto-structural correlations. *Dalton Transactions*, **2009**, 3153-61	4.3	129
285	Water-soluble rhamnose-coated Fe3O4 nanoparticles. *Organic Letters*, **2009**, 11, 2992-5	6.2	48
284	Magnetic anisotropy of dysprosium(III) in a low-symmetry environment: a theoretical and experimental investigation. *Journal of the American Chemical Society*, **2009**, 131, 5573-9	16.4	232
283	Spin canting in a Dy-based single-chain magnet with dominant next-nearest-neighbor antiferromagnetic interactions. *Physical Review B*, **2009**, 79,	3.3	78
282	Tri-, tetra- and octa-metallic vanadium(III) clusters from new, simple starting materials: interplay of exchange and anisotropy effects. *Dalton Transactions*, **2009**, 9402-9	4.3	21
281	Optically addressable single molecule magnet behaviour of vacuum-sprayed ultrathin films. *Journal of Materials Chemistry*, **2008**, 18, 109-115		25
280	Two-step magnetic ordering in quasi-one-dimensional helimagnets: possible experimental validation of villain's conjecture about a chiral spin liquid phase. *Physical Review Letters*, **2008**, 100, 057203	7.4	42
279	Synthesis and behaviour of size controlled cyano-bridged coordination polymer nanoparticles within hybrid mesoporous silica. *New Journal of Chemistry*, **2008**, 32, 273-282	3.6	64
278	A 2D coordination polymer with canted ferromagnetism constructed from ferromagnetic [Ni(II)Co(II)] nodes. *Inorganic Chemistry*, **2008**, 47, 6590-2	5.1	46
277	Heterobinuclear Complexes as Tectons in Designing Coordination Polymers. *Crystal Growth and Design*, **2008**, 8, 941-949	3.5	84
276	On the way to the magneto-optical characterization of trinuclear CuIICuIICuII bis(oxamato) complexes. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2008**, 634, 2063-2063	1.3	
275	Synthesis, Structure, Spectroscopic Studies and Magnetic Properties of the Tetrakis(5,7-dichloro-8-quinolinolato)gadolinium(III) Complex. *European Journal of Inorganic Chemistry*, **2008**, 2008, 3820-3826	2.3	18

274	Magnetic anisotropy and spin fluctuations in the paramagnetic dimer : Mössbauer spectroscopy and ab initio calculations. *Journal of Magnetism and Magnetic Materials*, **2008**, 320, 898-905	2.8	1
273	From multidomain particles to organic radicals: The multifaceted magnetic properties of tobacco and cigarette ash. *Inorganica Chimica Acta*, **2008**, 361, 3882-3886	2.7	3
272	Slow quantum relaxation in a tetrairon(III) single-molecule magnet. *Inorganica Chimica Acta*, **2008**, 361, 3481-3488	2.7	19
271	X-ray magnetic circular dichroism investigation of the superparamagnetic transition-metal ion-cluster r-Mn12Bz. *Inorganica Chimica Acta*, **2008**, 361, 3887-3890	2.7	2
270	Patterned monolayers of nitronyl nitroxide radicals. *Inorganica Chimica Acta*, **2008**, 361, 3525-3528	2.7	14
269	Coordination polymer nano-objects into ionic liquids: Nanoparticles and superstructures. *Inorganica Chimica Acta*, **2008**, 361, 3988-3996	2.7	29
268	Tuning the magnetic properties of a new family of hybrid mixed metal oxalates having 1D magnetic chains and layers of J aggregates of [DAMS+] producing superior SHG. *Inorganica Chimica Acta*, **2008**, 361, 4004-4011	2.7	11
267	Sterically-induced synthesis of 3d4f one-dimensional compounds: A new route towards 3d4f single chain magnets. *Inorganica Chimica Acta*, **2008**, 361, 3997-4003	2.7	45
266	Local spin dynamics in doped cobalt(II)-radical magnetic chains studied by 1H NMR. *Inorganica Chimica Acta*, **2008**, 361, 4107-4112	2.7	4
265	Carboxylate Substitution Pattern as Structural Directive for the Final Products: Synthesis, Structure And Properties of [Fe4Ca2O2(2-HCCl2COO)10(3-HCCl2COO)2(THF)6]. *Chemistry Journal of Moldova*, **2008**, 3, 81-85	0.9	
264	A rational approach to the modulation of the dynamics of the magnetisation in a dysprosium-nitronyl-nitroxide radical complex. *Chemical Communications*, **2007**, 1807-9	5.8	197
263	Solvent effects on the adsorption and self-organization of Mn12 on Au(111). *Langmuir*, **2007**, 23, 11836-43	4	34
262	Synthesis, structural, and magnetic studies on a redox family of tetrametallic vanadium clusters: {VIV4}, {VIII2VIV2}, and {VIII4} butterfly complexes. *Inorganic Chemistry*, **2007**, 46, 9743-53	5.1	26
261	The origin of transverse anisotropy in axially symmetric single molecule magnets. *Journal of the American Chemical Society*, **2007**, 129, 10754-62	16.4	87
260	Highly reduced, polyoxo(alkoxo)vanadium(III/IV) clusters. *Chemistry - A European Journal*, **2007**, 13, 6329-38	4.8	22
259	Magneto-Optical Investigations of Nanostructured Materials Based on Single-Molecule Magnets Monitor Strong Environmental Effects. *Advanced Materials*, **2007**, 19, 3906-3911	24	76
258	A Ligand-Driven Geometry Switch in Octahedral and Trigonal-Bipyramidal Iron Complexes Containing (H)PNO and PNN Ligands. *European Journal of Inorganic Chemistry*, **2007**, 2007, 162-171	2.3	12
257	Mutual Influence of Spacer Length and Noncoordinating Anions on Thermal and Light-Induced Spin-Crossover Properties of Iron(II) Bis(tetrazol-1-yl)alkane Coordination Polymers. *European Journal of Inorganic Chemistry*, **2007**, 2007, 3047-3054	2.3	22

256	New Single-Molecule Magnets by Site-Specific Substitution: Incorporation of Alligator Clips into Fe4 Complexes. *European Journal of Inorganic Chemistry*, **2007**, 2007, 4145-4152	2.3	46
255	First NiII–LnIII Coordination Polymers Constructed by Using [Ni(bpca)2] as a Building Block [Hbpca = bis(2-pyridylcarbonyl)amine]: Synthesis, Crystal Structures and Magnetic Properties. *European Journal of Inorganic Chemistry*, **2007**, 2007, 5533-5540	2.3	29
254	Experimental spin density in the high spin ground state of the Fe8pcl cluster. *Inorganica Chimica Acta*, **2007**, 360, 3802-3806	2.7	12
253	Addressing individual paramagnetic molecules through ESN-STM. *Inorganica Chimica Acta*, **2007**, 360, 3837-3842	2.7	27
252	Synthesis, crystal structure, magnetic and luminescence investigations of new 2Ln3+–Sr2+ heteronuclear polymers with 2-furoic acid. *Inorganica Chimica Acta*, **2007**, 360, 3047-3054	2.7	19
251	Local spin dynamics in magnetic molecular chains studied by NMR and ESR. *Inorganica Chimica Acta*, **2007**, 360, 3903-3908	2.7	5
250	Synthesis, characterization, and magnetic properties of new homotrinuclear bis(oxamato) copper(II) complexes with an asymmetric central N,N?-bridge. *Inorganica Chimica Acta*, **2007**, 360, 3777-3784	2.7	17
249	Evidence for a helical and a chiral phase transition in the Gd(hfac)3NITiPr magnetic specific heat. *Journal of Magnetism and Magnetic Materials*, **2007**, 310, 1460-1461	2.8	8
248	An EPR and SQUID magnetometry study of bornite. *Physics and Chemistry of Minerals*, **2007**, 34, 609-619	1.6	20
247	New Cyclosiloxanolate Cluster Complexes of Transition Metals. *Journal of Cluster Science*, **2007**, 18, 217-236	3	5
246	Spin noise fluctuations from paramagnetic molecular adsorbates on surfaces. *Journal of Applied Physics*, **2007**, 101, 053916	2.5	46
245	Modification of spin crossover behavior through solvent assisted formation and solvent inclusion in a triply interpenetrating three-dimensional network. *Inorganic Chemistry*, **2007**, 46, 4220-9	5.1	41
244	Self-assembled organic radicals on Au(111) surfaces: a combined ToF-SIMS, STM, and ESR study. *Langmuir*, **2007**, 23, 2389-97	4	66
243	Polyfunctional inorganic-organic hybrid materials: an unusual kind of NLO active layered mixed metal oxalates with tunable magnetic properties and very large second harmonic generation. *Journal of the American Chemical Society*, **2007**, 129, 9410-20	16.4	92
242	Both spacer length and parity influence the thermal and light-induced properties of iron(II) alpha,omega-bis(tetrazole-1-yl)alkane coordination polymers. *Chemistry - A European Journal*, **2006**, 12, 2235-43	4.8	75
241	Structural and magnetic properties of pure and Ca-doped LaCoO3 nanopowders obtained by a sol-gel route. *Journal of Nanoscience and Nanotechnology*, **2006**, 6, 1060-7	1.3	13
240	TPAP/NMO System as a Novel Method for the Synthesis of Nitronyl Nitroxide Radicals. *Synlett*, **2006**, 2006, 948-950	2.2	16
239	Static and dynamic magnetic properties of an [Fe13] cluster. *Physical Review B*, **2006**, 73,	3.3	31

238	Inelastic-neutron-scattering study of excited spin multiplets and low-energy phonons in the Fe8 nanomagnet: Implications for relaxation. *Physical Review B*, **2006**, 73,	3.3	12
237	Tuning anisotropy barriers in a family of tetrairon(III) single-molecule magnets with an S = 5 ground state. *Journal of the American Chemical Society*, **2006**, 128, 4742-55	16.4	191
236	A high-nuclearity, beyond "fully reduced" polyoxo(alkoxo)vanadium(III/IV) cage. *Chemical Communications*, **2006**, 2560-2	5.8	16
235	Validity of the classical monte carlo method to model the magnetic properties of a large transition-metal cluster: Mn19. *Inorganic Chemistry*, **2006**, 45, 2391-3	5.1	9
234	A family of rare-earth-based single chain magnets: playing with anisotropy. *Journal of the American Chemical Society*, **2006**, 128, 7947-56	16.4	474
233	EPR of molecular nanomagnets. *Coordination Chemistry Reviews*, **2006**, 250, 1514-1529	23.2	93
232	Synthesis, structure and properties of heterotrinuclear carboxylate complexes [Fe2M(Ca, Sr, Ba)O(CCl3COO)6(THF)n]. *Polyhedron*, **2006**, 25, 2175-2182	2.7	23
231	Single-ion and molecular contributions to the zero-field splitting in an iron(III)-oxo dimer studied by single crystal W-band EPR. *Journal of Magnetic Resonance*, **2006**, 179, 29-37	3	31
230	First evidence of natural superconductivity: covellite. *European Journal of Mineralogy*, **2006**, 18, 283-287	2.2	41
229	The Synthesis and Study of Tetranuclear Cluster [Fe4O2(CCl3COO)8(THF)2(DMF)(H2O)]?THF. *Chemistry Journal of Moldova*, **2006**, 1, 77-83	0.9	3
228	Synthesis and reaction of [[HC(CMeNAr)2]Mn]2 (Ar = 2,6-iPr2C6H3): the complex containing three-coordinate manganese(I) with a Mn-Mn bond exhibiting unusual magnetic properties and electronic structure. *Journal of the American Chemical Society*, **2005**, 127, 9201-6	16.4	80
227	Combined charge and spin density experimental study of the yttrium(III) semiquinonato complex Y(HBPz3)2(DTBSQ) and DFT calculations. *Journal of Physical Chemistry B*, **2005**, 109, 2723-32	3.4	23
226	Fast switching of bistable magnetic nanowires through collective spin reversal. *Applied Physics Letters*, **2005**, 87, 073102	3.4	37
225	Polynuclear lanthanide hydroxo complexes: new chemical precursors for coordination polymers. *Inorganic Chemistry*, **2005**, 44, 7743-50	5.1	72
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