

Dante Gatteschi

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.

337
papers

32,451
citations

79
h-index

174
g-index

364
ext. papers

33,715
ext. citations

7.9
avg, IF

7.06
L-index

#	Paper	IF	Citations
337	Multifunctional Dy(hfa) ₃ glyme adducts: synthesis and magnetic/luminescent behaviour. <i>Inorganica Chimica Acta</i> , 2022 , 120851	2.7	
336	Propeller-Shaped Fe ₄ and Fe ₃ M Molecular Nanomagnets: A Journey from Crystals to Addressable Single Molecules. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 552-568	2.3	15
335	Study of manganese binding to the ferroxidase centre of human H-type ferritin. <i>Journal of Inorganic Biochemistry</i> , 2018 , 182, 103-112	4.2	15
334	Nitronyl nitroxide radicals at the interface: a hybrid architecture for spintronics. <i>Rendiconti Lincei</i> , 2018 , 29, 623-630	1.7	7
333	Florence Orsay: A Joint Laboratory with Olivier. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 215-222	2.3	1
332	An EPR Study of Small Magnetic Nanoparticles. <i>Zeitschrift Fur Physikalische Chemie</i> , 2017 , 231, 745-757	3.1	5
331	Magnetic Bistability in Lanthanide-Based Molecular Systems: The Role of Anisotropy and Exchange Interactions. <i>Fundamental Theories of Physics</i> , 2016 , 91-139	0.8	17
330	Electronic Structure and Magnetic Properties of Lanthanide Molecular Complexes 2015 , 1-26		15
329	SMM with Lanthanides 2015 , 239-249		1
328	Single Chain Magnets (SCM) and More 2015 , 251-276		
327	Magnetism of Ions 2015 , 69-82		
326	SMM Past and Present 2015 , 195-215		1
325	Molecular Orbital of Isolated Magnetic Centers 2015 , 83-97		
324	Dynamic Properties 2015 , 179-193		
323	Electronic Structures of Free Ions 2015 , 25-32		
322	Electronic Structure of Coordinated Ions 2015 , 33-50		
321	Toward the Molecular Ferromagnet 2015 , 99-125		

320	Coordination Chemistry and Molecular Magnetism 2015 , 51-67		
319	Structure and Properties of p Magnetic Orbitals Systems 2015 , 143-162		
318	Structure and Properties of Coupled Systems: d, f 2015 , 163-178		
317	Molecular Orbital of Coupled Systems 2015 , 127-141		
316	NMR 2015 , 395-407		
315	Hunting for Quantum Effects 2015 , 329-350		
314	Single Ion Magnet (SIM) 2015 , 217-237		
313	Magic Dysprosium 2015 , 277-294		1
312	Controlling the Growth 2015 , 351-373		
311	ESR 2015 , 375-393		
310	Some Applications of MM 2015 , 421-433		
309	2015 ,		78
308	Molecular magnets and surfaces: A promising marriage. A DFT insight. <i>Coordination Chemistry Reviews</i> , 2015 , 289-290, 357-378	23.2	46
307	The emergence of complex behaviours in molecular magnetic materials. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 18076-82	3.6	8
306	Adding remnant magnetization and anisotropic exchange to propeller-like single-molecule magnets through chemical design. <i>Chemistry - A European Journal</i> , 2014 , 20, 13681-91	4.8	15
305	Single-Chain Magnets. <i>Nanoscience and Technology</i> , 2014 , 191-220	0.6	12
304	Effective Parallelization of Quantum Simulations: Nanomagnetic Molecular Rings. <i>Lecture Notes in Computer Science</i> , 2014 , 418-427	0.9	3
303	Non-perturbative Methods in Phenomenological Simulations of Ring-Shape Molecular Nanomagnets. <i>Lecture Notes in Computer Science</i> , 2014 , 438-447	0.9	1

302	Circular magnetoplasmonic modes in gold nanoparticles. <i>Nano Letters</i> , 2013 , 13, 4785-9	11.5	86
301	The power of EPR techniques in revealing active sites in heterogeneous photocatalysis: The case of anion doped TiO ₂ . <i>Catalysis Today</i> , 2013 , 206, 2-11	5.3	42
300	Kineococcus radiotolerans Dps forms a heteronuclear Mn-Fe ferroxidase center that may explain the Mn-dependent protection against oxidative stress. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013 , 1830, 3745-55	4	23
299	Interpretation of cw-ESR spectra of p-methyl-thio-phenyl-nitronyl nitroxide in a nematic liquid crystalline phase. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 3200-7	3.6	7
298	Dinuclear Cu(II) complexes of isomeric bis-(3-acetylacetonate)benzene ligands: synthesis, structure, and magnetic properties. <i>Inorganic Chemistry</i> , 2012 , 51, 5409-16	5.1	17
297	Superparamagnetic cellulose fiber networks via nanocomposite functionalization. <i>Journal of Materials Chemistry</i> , 2012 , 22, 1662-1666		36
296	Erforschung des Niemandslandes zwischen molekularen Magneten und magnetischen Nanopartikeln. <i>Angewandte Chemie</i> , 2012 , 124, 4876-4885	3.6	10
295	Exploring the no-man's land between molecular nanomagnets and magnetic nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 4792-800	16.4	62
294	Complexity in Molecular Magnetism. <i>NATO Science for Peace and Security Series B: Physics and Biophysics</i> , 2012 , 49-72	0.2	
293	Top-down synthesis of multifunctional iron oxide nanoparticles for macrophage labelling and manipulation. <i>Journal of Materials Chemistry</i> , 2011 , 21, 3803		67
292	A periodic mixed gaussians-plane waves DFT study on simple thiols on Au(111): adsorbate species, surface reconstruction, and thiols functionalization. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 3886-95	3.6	29
291	Anisotropic dysprosium. <i>Nature Chemistry</i> , 2011 , 3, 830	17.6	49
290	Water-dispersible sugar-coated iron oxide nanoparticles. An evaluation of their relaxometric and magnetic hyperthermia properties. <i>Journal of the American Chemical Society</i> , 2011 , 133, 10459-72	16.4	207
289	Lanthanides in molecular magnetism: old tools in a new field. <i>Chemical Society Reviews</i> , 2011 , 40, 3092-108	18.5	901
288	Synergistic role of B and F dopants in promoting the photocatalytic activity of rutile TiO ₂ . <i>ChemPhysChem</i> , 2011 , 12, 2221-4	3.2	39
287	Molekulare Nanomagnete als Testobjekte für die Quantenmechanik. <i>Angewandte Chemie</i> , 2011 , 123, 12054-12060	3.6	19
286	Molecular (nano) magnets as test grounds of quantum mechanics. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 11852-8	16.4	111
285	Single molecule magnet behaviour in robust dysprosium-biradical complexes. <i>Chemical Communications</i> , 2010 , 46, 6458-60	5.8	123

284	A DFT exploration of the organization of thiols on Au(111): a route to self-assembled monolayer of magnetic molecules. <i>Journal of Materials Chemistry</i> , 2010 , 20, 10747		20
283	Dynamical formation of spatially localized arrays of aligned nanowires in plastic films with magnetic anisotropy. <i>ACS Nano</i> , 2010 , 4, 1873-8	16.7	78
282	Photocoercivity of nano-stabilized Au: Fe superparamagnetic nanoparticles. <i>Advanced Materials</i> , 2010 , 22, 4054-8	24	31
281	Synthesis of iron oxide nanoparticles in <i>Listeria innocua</i> Dps (DNA-binding protein from starved cells): a study with the wild-type protein and a catalytic centre mutant. <i>Chemistry - A European Journal</i> , 2010 , 16, 709-17	4.8	35
280	Anisotropy and magnetic properties of the bimetallic thiocyanate-bridged chains: Density-matrix renormalization approach. <i>Polyhedron</i> , 2010 , 29, 1485-1491	2.7	16
279	Electronic and magnetic structure of a triacetylphlorogucinol-bridged C ₃ -symmetric trinuclear copper complex: Magnetic characterization, ESR spectroscopy, and DFT calculations. <i>Inorganica Chimica Acta</i> , 2010 , 363, 4269-4276	2.7	18
278	Towards the detection of single polychlorotriphenylmethyl radical derivatives by means of Electron Spin Noise STM. <i>Solid State Sciences</i> , 2009 , 11, 956-960	3.4	24
277	X-Ray Magnetic Circular Dichroism Picks out Single-Molecule Magnets Suitable for Nanodevices. <i>Advanced Materials</i> , 2009 , 21, 167-171	24	75
276	Magnetic interactions and magnetic anisotropy in exchange coupled 4f-3d systems: a case study of a heterodinuclear Ce ³⁺ -Fe ³⁺ cyanide-bridged complex. <i>Chemistry - A European Journal</i> , 2009 , 15, 1377-88	4.8	47
275	Thermal deposition of intact tetrairon(III) single-molecule magnets in high-vacuum conditions. <i>Small</i> , 2009 , 5, 1460-6	11	55
274	Magnetic memory of a single-molecule quantum magnet wired to a gold surface. <i>Nature Materials</i> , 2009 , 8, 194-7	27	854
273	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> , 2009 , 3153-61	4.3	129
272	Ordering Magnetic Molecules within Nanoporous Crystalline Polymers. <i>Chemistry of Materials</i> , 2009 , 21, 4750-4752	9.6	61
271	Magnetic anisotropy of dysprosium(III) in a low-symmetry environment: a theoretical and experimental investigation. <i>Journal of the American Chemical Society</i> , 2009 , 131, 5573-9	16.4	232
270	Organizing and addressing magnetic molecules. <i>Inorganic Chemistry</i> , 2009 , 48, 3408-19	5.1	110
269	Molecular magnetism, status and perspectives. <i>Solid State Sciences</i> , 2008 , 10, 1701-1709	3.4	68
268	Single chain magnets: where to from here?. <i>Journal of Materials Chemistry</i> , 2008 , 18, 4750		345
267	Electron paramagnetic resonance and density-functional theory studies of Cu(II)-bis(oxamato) complexes. <i>Inorganic Chemistry</i> , 2008 , 47, 6633-44	5.1	21

266	X-ray structure and magnetochemical study on a Co(II) complex of 2-acetyl-1,3-indandione. <i>Journal of Coordination Chemistry</i> , 2008 , 61, 3879-3886	1.6	7
265	XAS and XMCD investigation of Mn12 monolayers on gold. <i>Chemistry - A European Journal</i> , 2008 , 14, 7530-5	4.5	115
264	A rational approach to the modulation of the dynamics of the magnetisation in a dysprosium-nitronyl-nitroxide radical complex. <i>Chemical Communications</i> , 2007 , 1807-9	5.8	197
263	Solvent effects on the adsorption and self-organization of Mn12 on Au(111). <i>Langmuir</i> , 2007 , 23, 11836-43	4.3	34
262	The origin of transverse anisotropy in axially symmetric single molecule magnets. <i>Journal of the American Chemical Society</i> , 2007 , 129, 10754-62	16.4	87
261	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> , 2007 , 13, 1602-9	4.8	189
260	New Single-Molecule Magnets by Site-Specific Substitution: Incorporation of Alligator Clips into Fe4 Complexes. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 4145-4152	2.3	46
259	Remnant magnetization of Fe8 high-spin molecules: X-ray magnetic circular dichroism at 300 mK. <i>Journal of Applied Physics</i> , 2007 , 101, 113920	2.5	32
258	Spin noise fluctuations from paramagnetic molecular adsorbates on surfaces. <i>Journal of Applied Physics</i> , 2007 , 101, 053916	2.5	46
257	Electronic Influence of the Thienyl Sulfur Atom on the Oligomerization of Ethylene by Cobalt(II) 6-(Thienyl)-2-(imino)pyridine Catalysis. <i>Organometallics</i> , 2007 , 26, 726-739	3.8	69
256	Ferromagnetic interactions in Ru(III)-nitronyl nitroxide radical complex: a potential 2p4d building block for molecular magnets. <i>Dalton Transactions</i> , 2007 , 2689-95	4.3	18
255	Self-assembled organic radicals on Au(111) surfaces: a combined ToF-SIMS, STM, and ESR study. <i>Langmuir</i> , 2007 , 23, 2389-97	4	66
254	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. <i>Journal of the American Chemical Society</i> , 2007 , 129, 9410-20	16.4	92
253	A Shortcut To Organize Self-Assembled Monolayers of Cobalt Ferrite Nanoparticles on Silicon. <i>Chemistry of Materials</i> , 2007 , 19, 5980-5985	9.6	39
252	Density control of dodecamanganese clusters anchored on silicon(100). <i>Chemistry - A European Journal</i> , 2006 , 12, 3558-66	4.8	25
251	High-field/ high-frequency EPR study on stable free radicals formed in sucrose by gamma-irradiation. <i>Free Radical Research</i> , 2006 , 40, 553-63	4	21
250	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> , 2006 , 128, 4742-55	16.4	191
249	The influence of ligand field effects on the magnetic exchange of high-spin Co(II)-semiquinonate complexes. <i>Dalton Transactions</i> , 2006 , 722-9	4.3	29

248	Low-valent low-coordinated manganese(I) ion dimer: a temperature dependent W-band EPR study. <i>Inorganic Chemistry</i> , 2006 , 45, 395-400	5.1	9
247	Evidence of intermolecular π -stacking enhancement of second-harmonic generation in a family of single chain magnets. <i>Journal of Materials Chemistry</i> , 2006 , 16, 2587-2592		71
246	Validity of the classical monte carlo method to model the magnetic properties of a large transition-metal cluster: Mn ₁₉ . <i>Inorganic Chemistry</i> , 2006 , 45, 2391-3	5.1	9
245	A family of rare-earth-based single chain magnets: playing with anisotropy. <i>Journal of the American Chemical Society</i> , 2006 , 128, 7947-56	16.4	474
244	EPR of molecular nanomagnets. <i>Coordination Chemistry Reviews</i> , 2006 , 250, 1514-1529	23.2	93
243	First evidence of natural superconductivity: covellite. <i>European Journal of Mineralogy</i> , 2006 , 18, 283-287	2.2	41
242	Molecular Nanomagnets 2006 ,		2112
241	Synthesis and reaction of $[[\text{HC}(\text{CMeAr})_2\text{Mn}]_2$ (Ar = 2,6-iPr ₂ C ₆ H ₃): the complex containing three-coordinate manganese(I) with a Mn-Mn bond exhibiting unusual magnetic properties and electronic structure. <i>Journal of the American Chemical Society</i> , 2005 , 127, 9201-6	16.4	80
240	Fast switching of bistable magnetic nanowires through collective spin reversal. <i>Applied Physics Letters</i> , 2005 , 87, 073102	3.4	37
239	Isolated single-molecule magnets on native gold. <i>Chemical Communications</i> , 2005 , 1640-2	5.8	84
238	Advances in single-molecule magnet surface patterning through microcontact printing. <i>Nano Letters</i> , 2005 , 5, 1435-8	11.5	71
237	Spin frustration effects in an odd-member antiferromagnetic ring and the magnetic Möbius strip. <i>Journal of Magnetism and Magnetic Materials</i> , 2005 , 290-291, 55-60	2.8	42
236	X-ray powder and single crystal structures of two unprecedented families of bpca-based 1-D magnetic chains (Hbpca = bis(2-pyridylcarbonyl)amine). <i>Inorganica Chimica Acta</i> , 2005 , 358, 177-185	2.7	17
235	Molecular engineering for single-chain-magnet behavior in a one-dimensional dysprosium-nitronyl nitroxide compound. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 5817-21	16.4	410
234	Molecular Engineering for Single-Chain-Magnet Behavior in a One-Dimensional Dysprosium Nitronyl Nitroxide Compound. <i>Angewandte Chemie</i> , 2005 , 117, 5967-5971	3.6	55
233	Energy-barrier enhancement by ligand substitution in tetrairon(III) single-molecule magnets. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 1136-9	16.4	124
232	Anchoring molecular magnets on the si(100) surface. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 4081-4	16.4	95
231	The magnetic Möbius strip: synthesis, structure, and magnetic studies of odd-numbered antiferromagnetically coupled wheels. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 5196-200	16.4	112

230	Energy-Barrier Enhancement by Ligand Substitution in Tetrairon(III) Single-Molecule Magnets. <i>Angewandte Chemie</i> , 2004 , 116, 1156-1159	3.6	17
229	Anchoring Molecular Magnets on the Si(100) Surface. <i>Angewandte Chemie</i> , 2004 , 116, 4173-4176	3.6	8
228	A dinuclear copper(II) complex with a Cu(O, N)Cu bridging core: structural and magnetic (experimental and density functional theory) studies. <i>Inorganica Chimica Acta</i> , 2004 , 357, 2150-2156	2.7	12
227	Molecular nanomagnets: the first 10 years. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, 1030-1036	2.8	69
226	Site-specific ligation of anthracene-1,8-dicarboxylates to an Mn ₁₂ core: a route to the controlled functionalisation of single-molecule magnets. <i>Chemical Communications</i> , 2004 , 2604-5	5.8	34
225	Antiferromagnetic coupling between rare earth ions and semiquinones in a series of 1:1 complexes. <i>Dalton Transactions</i> , 2004 , 1048-55	4.3	63
224	Nanosized Iron Oxide Particles Entrapped in Pseudo-Single Crystals of β -Cyclodextrin. <i>Chemistry of Materials</i> , 2004 , 16, 2016-2020	9.6	54
223	Quinonoid metal complexes: toward molecular switches. <i>Accounts of Chemical Research</i> , 2004 , 37, 827-354.3	4.3	303
222	High Field Magnetization Process in a Dodecanuclear Fe(III) Ring Cluster. <i>Journal of the Physical Society of Japan</i> , 2003 , 72, 1178-1183	1.5	11
221	Cyanide-Bridged Iron(III)Cobalt(II) Double Zigzag Ferromagnetic Chains: Two New Molecular Magnetic Nanowires. <i>Angewandte Chemie</i> , 2003 , 115, 1521-1524	3.6	72
220	Direct Observation of Single-Molecule Magnets Organized on Gold Surfaces. <i>Angewandte Chemie</i> , 2003 , 115, 1683-1686	3.6	20
219	Quantentunneln der Magnetisierung und verwandte Phänomene in molekularen Materialien. <i>Angewandte Chemie</i> , 2003 , 115, 278-309	3.6	323
218	Cyanide-bridged iron(III)-cobalt(II) double zigzag ferromagnetic chains: two new molecular magnetic nanowires. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 1483-6	16.4	330
217	Direct observation of single-molecule magnets organized on gold surfaces. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 1645-8	16.4	173
216	Quantum tunneling of magnetization and related phenomena in molecular materials. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 268-97	16.4	2417
215	HF-EPR to monitor electron transfer in mixed valence dioxolene metal complexes. <i>Chemical Physics Letters</i> , 2003 , 368, 162-167	2.5	14
214	Evaluating the magnetic anisotropy in molecular rare earth compounds. Gadolinium derivatives with semiquinone radical and diamagnetic analogues. <i>Chemical Physics Letters</i> , 2003 , 371, 694-699	2.5	27
213	High frequency EPR of a copper(II) trimer: experiment time scale effects in EPR spectroscopy. <i>Inorganica Chimica Acta</i> , 2003 , 351, 59-62	2.7	6

212	Tuning the physical properties of a metal complex by molecular techniques: the design and the synthesis of the simplest cobalt-o-dioxolene complex undergoing valence tautomerism. <i>Journal of Molecular Structure</i> , 2003 , 656, 141-154	3.4	72
211	Rational design of large-spin clusters based on the hexacopper(II) siloxanolate core. <i>Comptes Rendus Chimie</i> , 2003 , 6, 645-656	2.7	13
210	Polyoxolenes may provide a tool for designing paramagnetic molecules with predetermined spin topologies. <i>Comptes Rendus Chimie</i> , 2003 , 6, 663-676	2.7	13
209	XMCD for monitoring exchange interactions. The role of the Gd 4f and 5d orbitals in metal-nitronyl nitroxide magnetic chains. <i>Journal of the American Chemical Society</i> , 2003 , 125, 8371-6	16.4	22
208	Bonding coordination requirements induce antiferromagnetic coupling between m-phenylene bridged o-iminosemiquinonato diradicals. <i>Inorganic Chemistry</i> , 2003 , 42, 1701-6	5.1	31
207	Theoretical study of the magnetic behavior of hexanuclear Cu(II) and Ni(II) polysiloxanolate complexes. <i>Journal of the American Chemical Society</i> , 2003 , 125, 6791-4	16.4	75
206	Magnetism of cyano-bridged hetero-one-dimensional Ln ³⁺ -M ³⁺ complexes (Ln ³⁺ = Sm, Gd, Yb; M ³⁺ = Fe, Co). <i>Inorganic Chemistry</i> , 2003 , 42, 5274-81	5.1	87
205	Mono- and di-nuclear tris(pyrazolyl)borato-oxo-tungsten(V) complexes with phenolate ligands: syntheses and structures, and magnetic, electrochemical and UV/Vis/NIR spectroscopic properties. <i>Dalton Transactions</i> , 2003 , 36-45	4.3	21
204	Magnetic anisotropy of the antiferromagnetic ring [Cr ₈ F ₈ Piv ₁₆]. <i>Chemistry - A European Journal</i> , 2002 , 8, 277-85	4.8	180
203	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> , 2002 , 8, 286-92	4.8	99
202	Electronic structure and nature of the ground state of the mixed-valence binuclear tetra(μ-1,8-naphthyridine-N,N')-bis(halogenonickel) tetraphenylborate complexes: experimental and DFT characterization. <i>Chemistry - A European Journal</i> , 2002 , 8, 3660-70	4.8	36
201	DFT description of the magnetic properties and electron localization in dinuclear di-μ-oxo-bridged manganese complexes. <i>Chemistry - A European Journal</i> , 2002 , 8, 5019-27	4.8	31
200	Helical 1D Coordination Polymers [Structure and Magnetic Properties of catena-Poly[chloro(μ ₂ -[(hydroxyimino)methyl]phenoxy)acetato-N,O,O']copper(II)]. <i>European Journal of Inorganic Chemistry</i> , 2002 , 2002, 3313-3318	2.3	11
199	Disorder effects in Mn(12)-acetate at 83 K. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2002 , 58, m371-3		29
198	Intercalation of a nitronyl nitroxide radical into layered inorganic hosts.. <i>Inorganica Chimica Acta</i> , 2002 , 338, 127-132	2.7	17
197	Magnetism of lanthanides in molecular materials with transition-metal ions and organic radicals. <i>Chemical Reviews</i> , 2002 , 102, 2369-88	68.1	1414
196	⁵⁵ Mn-NMR Study of Internal Magnetic Structure of the Molecular Nanomagnet Mn ₁₂ -Acetate. <i>Molecular Crystals and Liquid Crystals</i> , 2002 , 379, 185-190	0.5	
195	Spin Dynamics of the Molecular Nanomagnet Fe ₈ Studied by ¹ H-NMR. <i>Molecular Crystals and Liquid Crystals</i> , 2002 , 379, 191-196	0.5	3

194	Antiferromagnetic coupling in a six-coordinate high spin cobalt(II)-semiquinonato complex. <i>Inorganic Chemistry</i> , 2002 , 41, 3508-12	5.1	68
193	Novel polynuclear CuII/CoII complexes constructed from one and two Cu2Co triangles with antiferromagnetic exchange coupling. <i>Dalton Transactions RSC</i> , 2002 , 4253-4259		36
192	Crystal field and exchange effects in rare earth semiquinone complexes. <i>Comptes Rendus De L'Academie Des Sciences - Series IIc: Chemistry</i> , 2001 , 4, 135-141		4
191	Tuning the magnetic properties of the high-spin molecular cluster Fe8. <i>ChemPhysChem</i> , 2001 , 2, 523-31	3.2	43
190	Cobalt(II)-Nitronyl Nitroxide Chains as Molecular Magnetic Nanowires. <i>Angewandte Chemie</i> , 2001 , 113, 1810-1813	3.6	138
189	Single-ion versus dipolar origin of the magnetic anisotropy in iron(III)-oxo clusters: a case study. <i>Chemistry - A European Journal</i> , 2001 , 7, 1796-807	4.8	54
188	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> , 2001 , 40, 1760-1763	16.4	990
187	High-field torque magnetometry for investigating magnetic anisotropy in Mn12-acetate nanomagnets. <i>Journal of Magnetism and Magnetic Materials</i> , 2001 , 226-230, 2012-2014	2.8	6
186	Single-Crystal High-Frequency Electron Paramagnetic Resonance Investigation of a Tetranuclear Iron(III) Single-Molecule Magnet. <i>Journal of Physical Chemistry B</i> , 2001 , 105, 2658-2663	3.4	50
185	Electronic and magnetic metal-metal interactions in dinuclear oxomolybdenum(V) complexes across bis-phenolate bridging ligands with different spacers between the phenolate termini: ligand-centred vs. metal-centred redox activity. <i>Dalton Transactions RSC</i> , 2001 , 1401-1414		36
184	Single molecule magnets: a new class of magnetic materials. <i>Journal of Alloys and Compounds</i> , 2001 , 317-318, 8-12	5.7	22
183	A unique heteropentanuclear CuII2CoII2CoIII2 complex, synthesised from metallic Cu and Co acetate in the presence of triethanolamine. Magnetic properties and a strong H-bond stabilised lattice. <i>New Journal of Chemistry</i> , 2001 , 25, 685-689	3.6	52
182	Investigation of magnetic interaction pathways by experimental electron density measurements: application to an organic free radical, p-(methylthio)phenyl nitronyl nitroxide. <i>New Journal of Chemistry</i> , 2001 , 25, 131-143	3.6	46
181	Crystal Engineering: Stacking Interactions Control the Crystal Structures of Benzothiadiazole (btd) and Its Complexes with Copper(II) and Copper(I) Chlorides. <i>Crystal Growth and Design</i> , 2001 , 1, 191-194	3.5	29
180	Magnetic properties of Fe2O3/BiO2 aerogel and xerogel nanocomposite materials. <i>Journal of Materials Chemistry</i> , 2001 , 11, 3180-3187		63
179	Antiferromagnetic Coupling in a Gadolinium(III) Semiquinonato Complex. <i>Angewandte Chemie</i> , 2000 , 112, 252-254	3.6	13
178	Spin-Density Map of the Triplet Ground State of a Titanium(IV) Complex with Schiff-Base Diquinone Radical Ligands: An Investigation Using Polarized-Neutron Diffraction and Density-Functional Theory. <i>Angewandte Chemie</i> , 2000 , 112, 1856-1858	3.6	2
177	. <i>Chemistry - A European Journal</i> , 2000 , 6, 1608-1614	4.8	33

176	Antiferromagnetic Coupling in a Gadolinium(III) Semiquinonato Complex. <i>Angewandte Chemie - International Edition</i> , 2000 , 39, 246-248	16.4	113
175	Spin-Density Map of the Triplet Ground State of a Titanium(IV) Complex with Schiff-Base Diquinone Radical Ligands: An Investigation Using Polarized-Neutron Diffraction and Density-Functional Theory This work was supported by the 3MD EU network (contract ERB 4061 PL 97-0197).	16.4	17
174	Spontaneous symmetry breaking in the formation of a dinuclear gadolinium semiquinonato complex: synthesis, high-field EPR studies, and magnetic properties. <i>Chemistry - A European Journal</i> , 2000 , 6, 4580-6	4.8	52
173	Counter cation-controlled air oxidation of manganese derivatives of tetrachlorocatechol. <i>Inorganic Chemistry Communication</i> , 2000 , 3, 76-79	3.1	11
172	Magnetic anisotropy of Mn ¹² -acetate nanomagnets from high-field torque magnetometry. <i>Chemical Physics Letters</i> , 2000 , 322, 477-482	2.5	26
171	Towards nanostructured arrays of single molecule magnets: new Fe ¹⁹ oxyhydroxide clusters displaying high ground state spins and hysteresis. <i>Dalton Transactions RSC</i> , 2000 , 1835-1840		183
170	Single-molecule magnets based on iron(III)oxo clusters. <i>Chemical Communications</i> , 2000 , 725-732	5.8	325
169	Single-Molecule Magnets. <i>MRS Bulletin</i> , 2000 , 25, 66-71	3.2	1348
168	Supramolecular interactions and magnetism of metal radical chains. <i>Dalton Transactions RSC</i> , 2000 , 3907-3912		45
167	Physical Techniques for the Investigation of Molecular Magnetic Clusters. <i>Journal of Physical Chemistry B</i> , 2000 , 104, 9780-9787	3.4	22
166	Metal-metal interactions as a function of bridging ligand topology: an electrochemical, spectroelectrochemical, and magnetic study on dinuclear Oxo-Mo(V) complexes with various isomers of dihydroxynaphthalene as bridging ligand. <i>Inorganic Chemistry</i> , 2000 , 39, 1288-93	5.1	27
165	High-frequency EPR spectra of. <i>Chemistry - A European Journal</i> , 2000 , 6, 1608-14	4.8	143
164	Manganese(III)-mediated oxidative carbon-carbon bond cleavage of the 1,10-phenanthroline-5,6-dione ligand. <i>Inorganic Chemistry Communication</i> , 1999 , 2, 521-523	3.1	13
163	Characterization of s = 1 molecular magnetic chains. <i>Journal of Magnetism and Magnetic Materials</i> , 1999 , 196-197, 589-590	2.8	
162	Slow Magnetic Relaxation of [Et ₃ NH] ₂ Mn(CH ₃ CN) ₄ (H ₂ O) ₂] [Mn ₁₀ O ₄ (biphen) ₄ Br ₁₂] (biphen=2,2'-biphenoxide) at Very Low Temperature. <i>Journal of Solid State Chemistry</i> , 1999 , 145, 484-487	3.3	40
161	Struktur und magnetische Eigenschaften eines zwölkernigen Eisen(III)-Clusters mit verdrehtem Ring. <i>Angewandte Chemie</i> , 1999 , 111, 1372-1374	3.6	19
160	Feinabstimmung der magnetischen Anisotropie von Hexaeisen(III)-Ringen durch Wirt-Gast-Wechselwirkungen: eine Untersuchung mit Drehmomentmagnetometrie bei hohen Feldstärken. <i>Angewandte Chemie</i> , 1999 , 111, 2409-2411	3.6	20
159	Experimental Spin Density in a Purely Organic Free Radical: Visualisation of the Ferromagnetic Exchange Pathway in p-(Methylthio)phenyl Nitronyl Nitroxide, Nit(SMe)Ph. <i>Chemistry - A European Journal</i> , 1999 , 5, 3616-3624	4.8	24

158	Structure and Magnetic Properties of a Dodecanuclear Twisted-Ring Iron(III) Cluster. <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 1295-1297	16.4	74
157	Manganese(III) Formate: A Three-Dimensional Framework That Traps Carbon Dioxide Molecules. <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 1780-1782	16.4	70
156	Tuning of Magnetic Anisotropy in Hexairon(III) Rings by Host-Guest Interactions: An Investigation by High-Field Torque Magnetometry. <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 2264-2266	16.4	67
155	Synthesis, Structural Characterization, Magnetic Behavior, and Single Crystal EPR Spectra of Three New One-Dimensional Manganese Azido Systems with FM, Alternating FM-AF, and AF Coupling. <i>Inorganic Chemistry</i> , 1999 , 38, 5716-5723	5.1	170
154	Electrochemical and Magnetic Exchange Interactions in Trinuclear Chain Complexes Containing Oxo-Mo(V) Fragments as a Function of the Topology of the Bridging Ligand. <i>Inorganic Chemistry</i> , 1999 , 38, 365-369	5.1	41
153	A Spin Topological Model for the $g = 4.1$ S2 State Photosystem II Water Oxidase Manganese Aggregate. <i>Journal of the American Chemical Society</i> , 1999 , 121, 3537-3538	16.4	16
152	Magnetization Density in an Iron(III) Magnetic Cluster. A Polarized Neutron Investigation. <i>Journal of the American Chemical Society</i> , 1999 , 121, 5342-5343	16.4	66
151	Quantum size effects in molecular magnets. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 1999 , 357, 3079-3097	3	8
150	Molecular Magnetic Clusters: a Bridge Between Molecules and Classical Magnets 1999 , 369-388		1
149	Structure and Magnetic Properties of a Mixed-Valence Heptanuclear Manganese Cluster. <i>Inorganic Chemistry</i> , 1998 , 37, 3759-3766	5.1	91
148	Density Functional Modeling of Long Range Magnetic Interactions in Binuclear Oxomolybdenum(V) Complexes. <i>Journal of Physical Chemistry A</i> , 1998 , 102, 10545-10551	2.8	65
147	A Ferromagnetic Ring of Six Manganese(III) Ions with a $S = 12$ Ground State. <i>Inorganic Chemistry</i> , 1998 , 37, 1430-1431	5.1	82
146	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> , 1998 , 31, 460-466	24.3	108
145	Numerical transfer-matrix simulations of $S=1$ molecular magnetic chains. <i>Journal of Chemical Physics</i> , 1998 , 109, 1613-1616	3.9	15
144	Neutron Spectroscopy for the Magnetic Anisotropy of Molecular Clusters. <i>Physical Review Letters</i> , 1998 , 81, 4744-4747	7.4	207
143	Magnetically induced optical bi-stability of the molecular nanomagnet $Mn_{12}O_{12}(OOCMe)_{16}(H_2O)_4$ in an organic glass. <i>Chemical Communications</i> , 1997 , 1677-1678	5.8	49
142	Modulated Magnetic Coupling in Alkoxoiron(III) Rings by Host-Guest Interactions with Alkali Metal Cations. <i>Inorganic Chemistry</i> , 1997 , 36, 6443-6446	5.1	78
141	Synthesis, Reactivity, and Catalytic Behavior of Iron/Zinc-Containing Species Involved in Oxidation of Hydrocarbons under Gif-Type Conditions. <i>Journal of the American Chemical Society</i> , 1997 , 119, 7030-7047	16.4	121

140	High-frequency EPR spectra of a molecular nanomagnet: Understanding quantum tunneling of the magnetization. <i>Physical Review B</i> , 1997 , 56, 8192-8198	3.3	350
139	Roles of Bridging Ligand Topology and Conformation in Controlling Exchange Interactions between Paramagnetic Molybdenum Fragments in Dinuclear and Trinuclear Complexes. <i>Inorganic Chemistry</i> , 1997 , 36, 3447-3454	5.1	85
138	Electronic Structure of Manganese(III) Compounds from High-Frequency EPR Spectra. <i>Angewandte Chemie International Edition in English</i> , 1997 , 36, 2329-2331		128
137	Elektronenstruktur von Mangan(III)-Verbindungen aus Hochfrequenz-EPR-Spektren. <i>Angewandte Chemie</i> , 1997 , 109, 2423-2426	3.6	19
136	Synthesis, crystal structures and magnetic characterization of four β -diketonate-alkoxide iron(III) dimers. Dependence of the magnetic properties on geometrical and electronic parameters. <i>Inorganica Chimica Acta</i> , 1997 , 262, 123-132	2.7	111
135	Molecule-Based Magnets: Ferro- and Antiferromagnetic Interactions in Copper(II)-Polyorganosiloxanolate Clusters. <i>Inorganic Chemistry</i> , 1996 , 35, 4427-4431	5.1	78
134	Effects of Systematic Variation in Bridging Ligand Structure on the Electrochemical and Magnetic Properties of a Series of Dinuclear Molybdenum Complexes. <i>Inorganic Chemistry</i> , 1996 , 35, 2701-2703	5.1	77
133	Magnetic molecular materials. <i>Current Opinion in Solid State and Materials Science</i> , 1996 , 1, 192-198	12	32
132	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> , 1996 , 35, 1926-1934	5.1	74
131	Structure and magnetism of nickel (II) and manganese (II) complexes of a nitronyl nitroxide carboxylic acid. <i>Inorganica Chimica Acta</i> , 1996 , 248, 139-146	2.7	27
130	Synthesis, crystal structure and magnetic properties of the tetranuclear complex $[\text{Ni}_4(\text{OCH}_3)_4(\text{dbm})_4(\text{CH}_3\text{OH})_4]_2(\text{C}_2\text{H}_5)_2\text{O}$. <i>Inorganica Chimica Acta</i> , 1996 , 247, 231-235	2.7	39
129	Synthesis, Crystal Structure, Magnetism, and Magnetic Anisotropy of Cyclic Clusters Comprising six Iron(III) Ions and Entrapping Alkaline Ions. <i>Chemistry - A European Journal</i> , 1996 , 2, 1379-1387	4.8	136
128	Structure and Magnetic Properties of a Decanuclear Oxoiron(III) Cluster: A Further Step to Understanding Iron Aggregation Processes. <i>Angewandte Chemie International Edition in English</i> , 1996 , 34, 2716-2718		35
127	Preparation and properties of uniform colloidal particles of mixed copper(II)-lanthanide(III) compounds. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1996 , 108, 305-313	5.1	6
126	Symmetry breaking and effective motional averaging in double triangular clusters with exchange and electron transfer effects. <i>Chemical Physics</i> , 1996 , 202, 25-37	2.3	13
125	Magnetism of Materials Formed by Metal Ions and Radicals. <i>Molecular Crystals and Liquid Crystals</i> , 1996 , 279, 177-194		4
124	Molecule-Based Magnets: Ferro- and Antiferromagnetic Interactions in Nickel(II) Cyclohexasiloxanolate Sandwich Complexes. <i>Inorganic Chemistry</i> , 1995 , 34, 5383-5387	5.1	42
123	High-Frequency EPR Spectra for the Analysis of Magnetic Anisotropy in Large Magnetic Clusters. <i>Journal of the American Chemical Society</i> , 1995 , 117, 8855-8856	16.4	77

122	Ferromagnetic order in the sulfur-containing nitronyl nitroxide radical, 2-(4-thiomethyl)phenyl-4,4,5,5-tetramethylimidazoline-1-oxyl-3-oxide, NIT(SMe)Ph. <i>Advanced Materials</i> , 1995 , 7, 476-478	24	62
121	Struktur und magnetische Eigenschaften eines zehnkernigen Oxoeisen(III)-Clusters [Ein Beitrag zum Verständnis von Aggregationsprozessen bei Eisenverbindungen. <i>Angewandte Chemie</i> , 1995 , 107, 2862-2864	3.6	12
120	Ferromagnetic intermolecular coupling in the nitronyl nitroxide radical 2-(4-thiomethylphenyl)-4,4,5,5-tetramethylimidazoline-1-oxyl-3-oxide, NIT(SMe)Ph. <i>Inorganica Chimica Acta</i> , 1995 , 235, 159-164	2.7	29
119	Nuclear magnetic resonance of one-dimensional antiferromagnets comprising nitronyl nitroxide radicals. <i>Molecular Physics</i> , 1994 , 83, 933-947	1.7	2
118	A seven-spin cluster formed by an alkyl nitronyl nitroxide biradical and copper(II): crystal structure and magnetic properties. <i>Inorganica Chimica Acta</i> , 1994 , 217, 7-13	2.7	20
117	Molecular Magnetism: A basis for new materials. <i>Advanced Materials</i> , 1994 , 6, 635-645	24	436
116	Crystal structure and magnetic properties of a new ferrimagnetic chain containing manganese(II) and a nitronyl-nitroxide radical. Magnetic ordering in Mn(hfac)2NITR compounds. <i>Journal of Materials Chemistry</i> , 1994 , 4, 319		28
115	Crystal structures, magnetic and non-linear optical properties of methoxyphenyl nitronyl nitroxide radicals. <i>Journal of Materials Chemistry</i> , 1994 , 4, 1047-1053		21
114	Ferromagnetic Coupling between Semiquinone Type Tridentate Radical Ligands Mediated by Metal Ions. <i>Journal of the American Chemical Society</i> , 1994 , 116, 1388-1394	16.4	122
113	[Fe(OMe)2(O2CCH2Cl)]10, a Molecular Ferric Wheel. <i>Journal of the American Chemical Society</i> , 1994 , 116, 823-832	16.4	399
112	Delocalization and exchange effects in high-nuclearity vanadium clusters. <i>Molecular Physics</i> , 1993 , 79, 121-143	1.7	33
111	Magnetic properties and crystal structure of a linear-chain copper(II) compound with bridging chloride and oxamidate ligands. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993 , 3363		12
110	Magnetic properties of isostructural dodecanuclear polyoxovanadates with six and eight vanadium(IV) ions. <i>Inorganic Chemistry</i> , 1993 , 32, 2114-2117	5.1	62
109	Magnetic properties of a layered molecular material comprising manganese hexafluoroacetylacetonate and nitronyl nitroxide radicals. <i>Inorganic Chemistry</i> , 1993 , 32, 4612-4616	5.1	57
108	Magnetic interactions and magnetic ordering in rare earth metal nitronyl nitroxide chains. <i>Inorganic Chemistry</i> , 1993 , 32, 4797-4801	5.1	121
107	Magnetic properties and phase transitions in molecular based materials containing rare earth ions and organic radicals (invited). <i>Journal of Applied Physics</i> , 1993 , 73, 5333-5337	2.5	62
106	Magnetism of High Nuclearity Spin Cluster. <i>Molecular Crystals and Liquid Crystals</i> , 1993 , 233, 217-230		3
105	Magnetic properties of polyoxovanadates: Magnetic confirmation of the valence state of the vanadium centers in Na6[H6 V12O30F2] · 22H2O. <i>Advanced Materials</i> , 1993 , 5, 915-917	24	20

104	Single-crystal EPR study of the bimetallic ferrimagnetic chain MnCu(EDTA) ₂ ·6H ₂ O. <i>Inorganica Chimica Acta</i> , 1993 , 207, 105-109	2.7	9
103	Molecular structure and magnetic properties of copper(II), manganese(II) and iron(II) croconate tri-hydrate. <i>Inorganica Chimica Acta</i> , 1993 , 212, 87-94	2.7	40
102	Polyoxovanadates: The missing link between simple paramagnets and bulk magnets?. <i>Molecular Engineering</i> , 1993 , 3, 157-169		85
101	High-spin molecules: [Mn ₁₂ O ₁₂ (O ₂ CR) ₁₆ (H ₂ O) ₄]. <i>Journal of the American Chemical Society</i> , 1993 , 115, 1804-1816	16.4	1936
100	Spin Levels of High Nuclearity Spin Clusters 1993 , 67-86		
99	Topological degeneracy of magnetic orbitals in organic biradicals mediated by metal ions: triplet ground state in a titanium(IV) complex of Schiff base diquinone radical ligands. <i>Journal of the Chemical Society Chemical Communications</i> , 1992 , 630		33
98	Magnetic properties of high-nuclearity spin clusters. Fourteen- and fifteen-oxovanadium(IV) clusters. <i>Journal of the American Chemical Society</i> , 1992 , 114, 8509-8514	16.4	130
97	Magnetic properties of a dodecanuclear polyoxovanadate with exchange and electron delocalization effects. <i>Inorganic Chemistry</i> , 1992 , 31, 5132-5134	5.1	47
96	Gadolinium(III) complexes with pyridine-substituted nitronyl nitroxide radicals. <i>Inorganic Chemistry</i> , 1992 , 31, 741-746	5.1	104
95	Magnetic and spectral properties of paramagnetic metal-ion polyoxolene radical complexes. <i>Inorganica Chimica Acta</i> , 1992 , 198-200, 813-822	2.7	43
94	Magnetic interactions involving rare earth ions. <i>Materials Chemistry and Physics</i> , 1992 , 31, 17-22	4.4	10
93	Molecular based magnetic materials. <i>Journal of Magnetism and Magnetic Materials</i> , 1992 , 104-107, 2092-2095		22
92	Magnetic ordering in a molecular material containing dysprosium(III) and a nitronyl nitroxide. <i>Advanced Materials</i> , 1992 , 4, 504-505	24	68
91	Magnetic Molecular Materials 1992 , 147-160		1
90	Sextet ground state in a dinuclear nickel(II) complex containing a tetraoxolene radical as bridging ligand. <i>Inorganica Chimica Acta</i> , 1991 , 189, 125-128	2.7	18
89	Structure and magnetic properties of a ring of four spins formed by manganese(II) and a pyridine substituted nitronyl nitroxide. <i>Inorganica Chimica Acta</i> , 1991 , 184, 67-71	2.7	23
88	Complexes with diimine ligands. Part III. Synthesis, structure and magnetic studies of mixed acetylacetonatecobalt(II) derivatives. <i>Inorganica Chimica Acta</i> , 1991 , 181, 51-60	2.7	28
87	1,4,5,8-Tetraoxonaphthalene redox species in dinuclear ruthenium complexes: resonance Raman and electronic spectra. <i>Inorganica Chimica Acta</i> , 1991 , 186, 157-160	2.7	9

86	Alternating current susceptibility, high field magnetization, and millimeter band EPR evidence for a ground $S = 10$ state in $[\text{Mn}_{12}\text{O}_{12}(\text{CH}_3\text{COO})_{16}(\text{H}_2\text{O})_4] \cdot 2\text{CH}_3\text{COOH} \cdot 4\text{H}_2\text{O}$. <i>Journal of the American Chemical Society</i> , 1991 , 113, 5873-5874	16.4	816
85	Structure and magnetic ordering of a ferrimagnetic helix formed by manganese(II) and a nitronyl nitroxide radical. <i>Inorganic Chemistry</i> , 1991 , 30, 3936-3941	5.1	124
84	Synthesis, molecular structure, and magnetic properties of $[\text{CuLNi}(\text{H}_2\text{O})_2\text{LCu}][\text{ClO}_4]_2 \cdot 4\text{H}_2\text{O}$ [$\text{H}_2\text{L} = \text{N,N}'\text{-bis}(3\text{-amino-2,2-dimethylpropyl})\text{oxamide}$] and its trinickel homologue. <i>Journal of the Chemical Society Dalton Transactions</i> , 1991 , 2133-2137		19
83	Synthesis, crystal and molecular structure and magnetic properties of $[\text{Ni}_3(\text{L}1)_4(\text{NCS})_4(\text{OH})_2(\text{OH}_2)_2](\text{L}1 = 2,5\text{-diamino-1,3,4-thiadiazole})$. <i>Journal of the Chemical Society Dalton Transactions</i> , 1991 , 2331		12
82	One-dimensional antiferromagnetism in a linear chain containing zinc(II) and a nitronyl nitroxide. <i>Inorganic Chemistry</i> , 1991 , 30, 1882-1886	5.1	22
81	Nuclear spin-lattice relaxation in the one-dimensional ferrimagnet manganese complex $(\text{Mn}(\text{hfac})_2\text{NiTiPr})$. <i>Journal of the American Chemical Society</i> , 1991 , 113, 8410-8414	16.4	15
80	Tetraoxolene radical stabilization by the interaction with transition-metal ions. <i>Inorganic Chemistry</i> , 1991 , 30, 2589-2594	5.1	77
79	Structure and magnetic properties of a chain compound formed by copper(II) and a tridentate nitronyl nitroxide radical. <i>Inorganic Chemistry</i> , 1991 , 30, 3162-3166	5.1	76
78	Structural Magnetic Correlations in Phase Transitions of Molecular Magnets 1991 , 215-232		5
77	Synthesis, crystal structure, and magnetic properties of tetranuclear complexes containing exchange-coupled dilanthanide-dicopper(lanthanide = gadolinium, dysprosium) species. <i>Inorganic Chemistry</i> , 1990 , 29, 1750-1755	5.1	214
76	Magnetic properties of tetranuclear complexes containing exchange coupled Ln_2Cu_2 ($\text{Ln} = \text{Gd}, \text{Dy}$) species. <i>Journal of Magnetism and Magnetic Materials</i> , 1990 , 83, 522-524	2.8	12
75	Millimeter band EPR spectra reveal large zero-field splittings in copper(II) semiquinonato complexes. <i>Chemical Physics Letters</i> , 1990 , 175, 589-592	2.5	18
74	Ground $S = 4$ state in a manganese(II)-nitronyl nitroxide ferrimagnetic ring. <i>Inorganica Chimica Acta</i> , 1990 , 172, 137-139	2.7	13
73	Biological Systems 1990 , 210-234		
72	Spectra of Clusters 1990 , 86-120		3
71	Oxidation reaction of $[\{\text{Cu}(\text{Hpz})_2\text{Cl}\}_2]$ ($\text{Hpz} = \text{pyrazole}$): synthesis of the trinuclear copper(II) hydroxo complexes $[\text{Cu}_3(\text{OH})(\text{pz})_3(\text{Hpz})_2\text{Cl}_2] \cdot \text{solv}$ ($\text{solv} = \text{H}_2\text{O}$ or tetrahydrofuran). Formation, magnetic properties, and X-ray crystal structure of $[\text{Cu}_3(\text{OH})(\text{pz})_3(\text{py})_2\text{Cl}_2] \cdot \text{py}$ ($\text{py} = \text{pyridine}$). <i>Journal of the Chemical Society Dalton Transactions</i> , 1990 , 3305-3309		92
70	Crystal structure and magnetic properties of a copper(II) chloride nitronyl nitroxide complex containing six exchange-coupled $S = 1/2$ spins. <i>Inorganic Chemistry</i> , 1990 , 29, 1756-1760	5.1	69
69	Ferro- and antiferromagnetic coupling between metal ions and pyridine-substituted nitronyl nitroxides. <i>Inorganic Chemistry</i> , 1990 , 29, 4217-4223	5.1	76

68	Dinuclear ruthenium complexes with bridging 1,4,5,8-tetraoxonaphthalene: redox properties and mixed-valence interactions. <i>Inorganic Chemistry</i> , 1990 , 29, 1442-1444	5.1	47
67	Structure and magnetic properties of ferromagnetic alternating spin chains. <i>Inorganic Chemistry</i> , 1990 , 29, 2582-2587	5.1	63
66	Linear-chain gadolinium(III) nitronyl nitroxide complexes with dominant next-nearest-neighbor magnetic interactions. <i>Inorganic Chemistry</i> , 1990 , 29, 4223-4228	5.1	150
65	Ferromagnetic coupling of gadolinium(III) ions and nitronyl nitroxide radicals in an essentially isotropic way. <i>Inorganic Chemistry</i> , 1990 , 29, 4153-4155	5.1	43
64	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. <i>Inorganic Chemistry</i> , 1990 , 29, 4228-4234	5.1	71
63	One-dimensional magnetic materials with dominant next-nearest-neighbor interactions. <i>Journal of Applied Physics</i> , 1990 , 67, 5613-5615	2.5	8
62	Electronic structure and reactivity of dioxolene adducts of nickel(II) and copper(II) triazamacrocyclic complexes. <i>Inorganic Chemistry</i> , 1990 , 29, 3409-3415	5.1	55
61	Electron Paramagnetic Resonance of Exchange Coupled Systems 1990 ,		380
60	Magnetic Materials Formed by Metal Ions and Nitroxides. <i>Molecular Crystals and Liquid Crystals Incorporating Nonlinear Optics</i> , 1989 , 176, 329-336		4
59	XES calculations of the electronic structure and magnetic properties of exchange-coupled transition-metal clusters. Cu(II) dimers as models for CuO ₂ layers in high-T _c superconductors. <i>Chemical Physics Letters</i> , 1989 , 156, 341-345	2.5	3
58	Single-crystal EPR spectra of the first alternating bimetallic chain compound MnCu(obp)(H ₂ O) ₃ ·H ₂ O (obp=oxamido bis(n,n'-propionato)). <i>Chemical Physics Letters</i> , 1989 , 160, 157-162	2.5	5
57	Synthesis, Structure and Magnetic Properties of a Dinuclear Manganese(II) Complex with One [Aqua and Two [Carboxylato Bridges. <i>Angewandte Chemie International Edition in English</i> , 1989 , 28, 1365-1367		57
56	Synthesis, structure and EPR studies of mixed hexafluoroacetylacetonatecopper(II) Complexes with some Diimine Ligands. <i>Inorganica Chimica Acta</i> , 1989 , 162, 97-103	2.7	43
55	Redox potentials and charge transfer spectra of catecholate and semiquinone adducts of a cobalt-tetraazamacrocyclic complex. <i>Inorganica Chimica Acta</i> , 1989 , 163, 99-104	2.7	40
54	Magnetic properties of a dysprosium(III) complex with a nitronyl nitroxide. <i>Inorganica Chimica Acta</i> , 1989 , 160, 1-2	2.7	11
53	Structure and magnetic properties of linear-chain complexes of rare-earth ions (gadolinium, europium) with nitronyl nitroxides. <i>Inorganic Chemistry</i> , 1989 , 28, 275-280	5.1	110
52	Magnetic phase transitions in manganese(II) pentafluorobenzoate adducts with nitronyl nitroxides. <i>Journal of the American Chemical Society</i> , 1989 , 111, 785-786	16.4	85
51	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> , 1989 , 28, 2940-2944	5.1	103

50	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> , 1989 , 28, 1976-1980	5.1	133
49	Ferromagnetic phase transitions of two one-dimensional ferrimagnets formed by manganese(II) and nitronyl nitroxides cis octahedrally coordinated. <i>Inorganic Chemistry</i> , 1989 , 28, 3314-3319	5.1	118
48	Single-crystal EPR spectra of copper-manganese bimetallic ferrimagnetic chains. <i>Inorganic Chemistry</i> , 1989 , 28, 287-290	5.1	26
47	Electronic and CD spectra of catecholate and semiquinonate adducts of zinc(II) and nickel(II) tetraazamacrocyclic complexes. <i>Inorganic Chemistry</i> , 1989 , 28, 1476-1480	5.1	44
46	Toward molecular magnets: the metal-radical approach. <i>Accounts of Chemical Research</i> , 1989 , 22, 392-398	4.3	735
45	One-dimensional magnetism of a linear chain compound containing yttrium(III) and a nitronyl nitroxide radical. <i>Inorganic Chemistry</i> , 1989 , 28, 3230-3234	5.1	68
44	Synthesis of High-Spin Molecular Species Using Nitroxide Organic Radicals and Transition Metal Ions. <i>Molecular Crystals and Liquid Crystals Incorporating Nonlinear Optics</i> , 1989 , 176, 337-345		1
43	Synthesis, redox behavior, magnetic properties, and crystal structure of a nickel(II)-semiquinone adduct with an unusually strong ferromagnetic coupling. <i>Inorganic Chemistry</i> , 1988 , 27, 2831-2836	5.1	70
42	Internal electron transfer in a quinone adduct of a nickel(II)-catecholate complex. <i>Journal of the American Chemical Society</i> , 1988 , 110, 6897-6898	16.4	16
41	Structure and magnetic properties of ferrimagnetic chains formed by manganese(II) and nitronyl nitroxides. <i>Inorganic Chemistry</i> , 1988 , 27, 1756-1761	5.1	154
40	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> , 1988 , 110, 2795-2799	16.4	163
39	Moderate ferromagnetic exchange between copper(II) and a nitronyl nitroxide in a square-pyramidal adduct. MO interpretation of the mechanism of exchange in copper(II)-nitroxide complexes. <i>Inorganic Chemistry</i> , 1988 , 27, 1031-1035	5.1	104
38	Crystal and molecular structure, magnetic properties and EPR spectra of a trinuclear copper(II) complex with bridging nitronyl nitroxides. <i>Inorganic Chemistry</i> , 1988 , 27, 2390-2392	5.1	41
37	Ferromagnetic alternating spin chains. <i>Journal of the American Chemical Society</i> , 1987 , 109, 2191-2192	16.4	131
36	Angular-overlap analysis of the iron(II) site in [2Fe-2S] clusters. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1987 , 893, 365-71	4.6	1
35	Electron spin resonance spectra of a ferromagnetic alternating spin chain ($S_1 = \square$, $S_2 = \square$). <i>Journal of the Chemical Society Faraday Transactions I</i> , 1987 , 83, 3603		11
34	Struktur und magnetische Eigenschaften eines Addukts aus Gadolinium-hexafluoracetylacetonat und dem Radikal 4,4,5,5-Tetramethyl-2-phenyl-4,5-dihydro-1H-imidazol-3-oxid-1-oxyl. <i>Angewandte Chemie</i> , 1987 , 99, 958-959	3.6	5
33	Magnetic Properties of Coupled Lanthanide-Radical Species. <i>NATO ASI Series Series B: Physics</i> , 1987 , 385-388		5

32	EPR as a necessary complement of magnetic measurements in exchange coupled systems. <i>Proceedings of the Indian Academy of Sciences - Section A</i> , 1987 , 98, 13-22		3
31	A MnII CuII MnII trinuclear species with an $S = 9/2$ ground state. <i>Journal of the Chemical Society Chemical Communications</i> , 1986 , 1300		54
30	EPR evidence for an unexpected symmetric dinuclear species present in the lattice of an asymmetric dinuclear copper complex. <i>Inorganic Chemistry</i> , 1986 , 25, 3181-3183	5.1	7
29	X.alpha.-SW calculations of the electronic structure and magnetic properties of weakly coupled transition-metal clusters. The $[Cu_2Cl_6]^{2-}$ dimers. <i>Journal of the American Chemical Society</i> , 1986 , 108, 5763-71	16.4	100
28	The effect of the local zero field splitting of the nickel(II) ion on the E.P.R. spectra of exchange coupled copper(II) ($S = 1/2$)-nickel(II) ($S = 1$) pairs. <i>Molecular Physics</i> , 1985 , 54, 969-977	1.7	13
27	An orbital model for the exchange interactions between low spin iron(III) and copper(II) ions. <i>Molecular Physics</i> , 1985 , 56, 97-104	1.7	8
26	A linear chain with alternating ferromagnetic and antiferromagnetic exchange: $Cu(hfac)_2 \cdot n \cdot TEMPOL$. <i>Journal of the American Chemical Society</i> , 1985 , 107, 2560-2561	16.4	46
25	Crystal structure, magnetic properties, and single-crystal EPR spectra of a copper-nickel $[CuNi]_2$ bis heterobinuclear compound: complementarity of the magnetic and EPR techniques. <i>Journal of the American Chemical Society</i> , 1985 , 107, 6305-6312	16.4	39
24	EPR Spectra of Oligonuclear Complexes 1985 , 241-268		15
23	Electronic structure and magnetic coupling of two dinuclear trigonal bipyramidal cobalt(II) complexes. <i>Inorganica Chimica Acta</i> , 1984 , 90, 179-183	2.7	7
22	X-ray crystal structure of bis(N,N'-ethylene-bis-(salicylideneiminato)-oxovanadium(V)) di- μ -chlorodicopper(I) chloride, a compound with a three-coordinate copper(I) chloride. <i>Inorganica Chimica Acta</i> , 1984 , 84, L11-L12	2.7	30
21	Factors affecting the epr spectra of exchange coupled pairs of transition metal ions. <i>Journal of Molecular Catalysis</i> , 1984 , 23, 145-150		2
20	Exchange interactions in bis(hexafluoroacetylacetonato)(4-hydroxy-2,2,6,6-tetramethylpiperidiny-N-oxy)copper(II): a nitroxyl radical complex of copper(II). <i>Journal of the American Chemical Society</i> , 1984 , 106, 5813-5818	16.4	53
19	EPR spectra of trinuclear complexes. Octachlorodiadeniniumtricopper(II) tetrahydrate. <i>Inorganic Chemistry</i> , 1983 , 22, 2681-2683	5.1	52
18	X.alpha. calculations of the EPR parameters of pseudotetrahedral copper(II) complexes. <i>Journal of the American Chemical Society</i> , 1983 , 105, 5535-5541	16.4	34
17	Exchange interactions in heterodinuclear complexes with one ion possessing an orbitally degenerate ground state. Nickel(II)-cobalt(II) pairs in diaqua(1,4-dihydrazinophthalazine)nickel(II) chloride hydrate. <i>Inorganic Chemistry</i> , 1982 , 21, 3868-3872	5.1	13
16	The effect of antisymmetric exchange on the E.P.R. spectra of coupled pairs of transition metal ions. <i>Molecular Physics</i> , 1982 , 47, 161-169	1.7	24
15	Spectral-structural correlations in high-spin cobalt(II) complexes 1982 , 37-86		188

14	Vanadyl binding to bleomycin. <i>Inorganica Chimica Acta</i> , 1982 , 67, L53-L55	2.7	6
13	ESR spectra of cobalt(II)- and copper(II)-doped bis(N,N-bis(2-(diethylamino)ethyl)(2-hydroxyethyl)amino-0)dinickel(II) diperchlorate. Characterization of nickel(II)-cobalt(II) and nickel(II)-copper(II) exchange-coupled pairs. <i>Inorganic Chemistry</i> , 1981 , 20, 393-398	5.1	19
12	Crystal and molecular structure and ESR spectra of a dimeric dialkoxo-bridged five-coordinate copper(II) complex. <i>Inorganic Chemistry</i> , 1980 , 19, 3395-3399	5.1	16
11	Anomalous spin Hamiltonian parameters of pseudotetrahedral copper(II) complexes. ESR spectra of copper(II)-doped dichlorobis(triphenylphosphine oxide)zinc(II). <i>Journal of the American Chemical Society</i> , 1980 , 102, 5234-5237	16.4	21
10	Six-coordinate copper complexes with g. <i>Coordination Chemistry Reviews</i> , 1979 , 29, 67-84	23.2	48
9	Static-dynamic distortions of the tris(1,2-diaminoethane)copper(II) cation [Cu(en) ₃] ²⁺ . Crystal structures of the salts [Cu(en) ₃][SO ₄] at 120 K and of [Cu(en) ₃]Cl ₂ ·0.75 en at 298 K. <i>Journal of the Chemical Society Dalton Transactions</i> , 1979 , 1409-1414		22
8	Ligand Field Parameters. <i>Israel Journal of Chemistry</i> , 1976 , 15, 189-199	3.4	10
7	Single crystal MCD of five coordinate Co(II) and Ni(II) complexes. <i>Chemical Physics Letters</i> , 1975 , 34, 348-351		3
6	Synthesis and characterization of 1,8-naphthyridine complexes of 1.5-valent nickel. <i>Inorganic Chemistry</i> , 1974 , 13, 1985-1991	5.1	59
5	Single-crystal polarized electronic and electron spin resonance spectra of dichlorobis(triphenylphosphine oxide)copper(II). <i>Journal of the Chemical Society Dalton Transactions</i> , 1973 , 1644		6
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