

Fernando Palacio

List of Publications by Year in descending order

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175
papers

6,313
citations

109137

35
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73
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184
all docs

184
docs citations

184
times ranked

6336
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermometry at the nanoscale. <i>Nanoscale</i> , 2012, 4, 4799.	2.8	1,258
2	A Luminescent Molecular Thermometer for Long-Term Absolute Temperature Measurements at the Nanoscale. <i>Advanced Materials</i> , 2010, 22, 4499-4504.	11.1	405
3	Spontaneous Magnetization in a Sulfur-Nitrogen Radical at 36 K. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 2533-2535.	4.4	302
4	Lanthanide-based luminescent molecular thermometers. <i>New Journal of Chemistry</i> , 2011, 35, 1177.	1.4	266
5	Surface effects in maghemite nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 312, L5-L9.	1.0	179
6	High-Temperature Magnetic Ordering in a New Organic Magnet. <i>Physical Review Letters</i> , 1997, 79, 2336-2339.	2.9	140
7	Joining Time-Resolved Thermometry and Magnetic-Induced Heating in a Single Nanoparticle Unveils Intriguing Thermal Properties. <i>ACS Nano</i> , 2015, 9, 3134-3142.	7.3	135
8	Stable polyradicals with high-spin ground states. 2. Synthesis and characterization of a complete series of polyradicals derived from 2,4,6-trichloro- α,α,α' -hexakis(pentachlorophenyl)mesitylene with $S = 1/2, 1,$ and $3/2$ ground states. <i>Journal of the American Chemical Society</i> , 1993, 115, 57-64.	6.6	131
9	A Thiazyl-Based Organic Ferromagnet. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 4782-4785.	7.2	130
10	Synthesis, crystal structures, electronic structure and magnetic behaviour of the trithiazapentalenyl radical, C ₂ S ₃ N ₃ . <i>Journal of Materials Chemistry</i> , 2001, 11, 1992-2003.	6.7	123
11	Stable polyradicals with high-spin ground states. 1. Synthesis, separation, and magnetic characterization of the stereoisomers of 2,4,5,6-tetrachloro- α,α,α' -tetrakis(pentachlorophenyl)-m-xylylene biradical. <i>Journal of the American Chemical Society</i> , 1991, 113, 2552-2561.	6.6	113
12	Molecule-Based Magnetic Materials. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 2570-2572.	7.2	108
13	Low-Field Remanent Magnetization in the Weak Ferromagnet Mn[N(CN) ₂] ₂ . Evidence for Spin-Flop Behavior. <i>Chemistry of Materials</i> , 2001, 13, 1068-1073.	3.2	88
14	Ratiometric highly sensitive luminescent nanothermometers working in the room temperature range. Applications to heat propagation in nanofluids. <i>Nanoscale</i> , 2013, 5, 7572.	2.8	87
15	Production of magnetic nanoparticles in a polyvinylpyridine matrix. <i>Polymer</i> , 2000, 41, 8461-8464.	1.8	81
16	Magnetic ordering of the antiferromagnet Cu ₂ MnSnS ₄ from magnetization and neutron-scattering measurements. <i>Physical Review B</i> , 1997, 56, 5424-5431.	1.1	76
17	Magnetic Properties of Thiazyl Radicals. , 2001, , 93-128.		70
18	The A ₂ [FeX ₅ (H ₂ O)] series of antiferromagnets. <i>Coordination Chemistry Reviews</i> , 1985, 65, 141-165.	9.5	62

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19	Production of Magnetic Nanoparticles in Imine Polymer Matrixes. <i>Chemistry of Materials</i> , 2000, 12, 3681-3688.	3.2	57
20	Thermometry at the nanoscale using lanthanide-containing organic-inorganic hybrid materials. <i>Journal of Luminescence</i> , 2013, 133, 230-232.	1.5	56
21	Pressure-induced enhancement of the transition temperature of a genuine organic weak-ferromagnet up to 65 K. <i>Polyhedron</i> , 2001, 20, 1509-1512.	1.0	53
22	Magnetic exchange interactions in perfluorophenyl dithiadiazolyl radicals. <i>Coordination Chemistry Reviews</i> , 2005, 249, 2631-2641.	9.5	53
23	Maghemite polymer nanocomposites with modulated magnetic properties. <i>Acta Materialia</i> , 2007, 55, 2201-2209.	3.8	51
24	Magnetic behaviour of a hybrid polymer obtained from ethyl acrylate and the magnetic cluster Mn ₁₂ O ₁₂ (acrylate) ₁₆ . <i>Journal of Materials Chemistry</i> , 2004, 14, 1873-1878.	6.7	50
25	A novel paramagnetic dithiadiazolyl radical: Crystal structure and magnetic properties of p-BrC ₆ F ₄ CN ₂ S ₂ . <i>Chemical Communications</i> , 1999, , 1393-1394.	2.2	45
26	Phase diagram of antiferromagnetic K ₂ [FeCl ₅ (H ₂ O)]. <i>Physical Review B</i> , 1980, 21, 296-298.	1.1	44
27	Bimetallic Derivatives of [M(en) ₃] ³⁺ Ions (M = Cr, Co): An Approach to Intermolecular Magnetic Interactions in Molecular Magnets. <i>Inorganic Chemistry</i> , 1994, 33, 746-753.	1.9	44
28	Reversible Single-Crystal-to-Single-Crystal Cross-Linking of a Ribbon of Cobalt Citrate Cubanes To Form a 2D Net. <i>Journal of the American Chemical Society</i> , 2008, 130, 2932-2933.	6.6	42
29	Surface and core magnetic anisotropy in maghemite nanoparticles determined by pressure experiments. <i>Applied Physics Letters</i> , 2009, 94, .	1.5	42
30	Implementing Thermometry on Silicon Surfaces Functionalized by Lanthanide-Doped Self-Assembled Polymer Monolayers. <i>Advanced Functional Materials</i> , 2016, 26, 200-209.	7.8	42
31	Organic-Inorganic Eu ³⁺ /Tb ³⁺ codoped hybrid films for temperature mapping in integrated circuits. <i>Frontiers in Chemistry</i> , 2013, 1, 9.	1.8	41
32	A dual-action material. <i>Nature</i> , 2000, 408, 421-422.	13.7	38
33	Manganese(II) and Copper(II) Hexafluoroacetylacetonate 1:1 Complexes with 5-(4-[N-tert-Butyl-N-aminoxyl]phenyl)pyrimidine: A Regiochemical Parity Analysis for Exchange Behavior of Complexes between Radicals and Paramagnetic Cations. <i>Journal of the American Chemical Society</i> , 2003, 125, 10110-10118.	6.6	38
34	Polymorphism in [Cu(cyclam)(TCNQ) ₂](TCNQ) Stacked Systems (cyclam =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (1,4,8,11-Tetra 1997, 36, 5291-5298.	1.9	37
35	The neutral diradical 5,5'-bis(1,3,2,4-dithiadiazolyl) [-], the first main group radical to exhibit a dramatic increase in paramagnetism on mechanical grinding. <i>Canadian Journal of Chemistry</i> , 2002, 80, 1568-1583.	0.6	37
36	Magnetic behavior of the three-dimensional Ising ferromagnet Fe(Cl)[S ₂ CN(C ₂ H ₅) ₂] ₂ : Single crystals and mixed crystals with a bromide analog. <i>Physical Review B</i> , 1979, 20, 2945-2958.	1.1	36

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37	Magnetic dimensionality crossover studies on the Heisenberg antiferromagnet $Rb_2FeCl_5 \cdot nH_2O$. <i>Physical Review B</i> , 1985, 31, 516-526.	1.1	35
38	Thermomagnetic studies on the Heisenberg antiferromagnet $Cs_2FeCl_5 \cdot nH_2O$. <i>Physical Review B</i> , 1982, 26, 395-403.	1.1	34
39	Probing magnetic exchange interactions in molecular magnets: an inclusion compound of a dithiadiazolyl radical. <i>Journal of Materials Chemistry</i> , 1999, 9, 1431-1434.	6.7	34
40	Role of Hydrogen Bonds in Benzimidazole-Based Organic Magnetic Materials: Crystal Scaffolding or Exchange Linkers?. <i>Chemistry of Materials</i> , 2001, 13, 2447-2454.	3.2	32
41	Synthesis and Magnetic Properties of the Novel Dithiadiazolyl Radical, p-NCC6F4C6F4CNSSN. <i>Molecules</i> , 2004, 9, 771-781.	1.7	32
42	Magnetic and relaxation properties of multifunctional polymer-based nanostructured bioferrofluids as MRI contrast agents. <i>Magnetic Resonance in Medicine</i> , 2011, 66, 1715-1721.	1.9	30
43	Structure and magnetic properties of a sulfur-nitrogen radical, methylbenzodithiazolyl. <i>Journal of Materials Chemistry</i> , 2000, 10, 2001-2003.	6.7	29
44	Synthesis, Crystallography, and Magnetic Properties of 2-tert-Butylaminoxylbenzimidazole. <i>Chemistry of Materials</i> , 1999, 11, 2205-2210.	3.2	28
45	The magnetic behaviors of the metamagnetic and ferromagnetic phases of $[Fe(C_5Me_5)_2][TCNQ]$ ($TCNQ = TjETQq110.784314$). <i>Journal of Materials Chemistry</i> , 2006, 16, 2677.	6.7	28
46	1- π Complexes of 5-(4-[N-tert-butyl-N-aminoxyl]phenyl)pyrimidine with manganese(ii) and copper(ii) hexafluoroacetylacetonate. Electronic supplementary information (ESI) available: Spectroscopic data and crystallography for 1. Fig. S1: ESR spectrum of 1. See http://www.rsc.org/suppdata/cc/b1/b111295n/ . <i>Chemical Communications</i> , 2002, , 636-637.	2.2	27
47	Synthesis of cobalt aluminate nanopigments by a non-aqueous sol-gel route. <i>Nanoscale</i> , 2013, 5, 4277.	2.8	27
48	Characterisation and magnetic behaviour of nickel nanoparticles encapsulated in carbon. <i>Acta Materialia</i> , 2004, 52, 2165-2171.	3.8	26
49	Enhanced cytotoxic activity of bile acid cisplatin derivatives by conjugation with gold nanoparticles. <i>Journal of Inorganic Biochemistry</i> , 2014, 131, 8-11.	1.5	26
50	Single-crystal susceptibilities of an $S = 3/2$ iron(III), insulating ferromagnet. <i>Journal of the American Chemical Society</i> , 1977, 99, 8314-8315.	6.6	25
51	Linear chain antiferromagnetic interactions in Cs_2CuCl_4 . <i>Journal of Applied Physics</i> , 1985, 57, 3351-3352.	1.1	25
52	s-Triazine as an exchange linker in organic high-spin molecules. <i>Synthetic Metals</i> , 2001, 122, 485-493.	2.1	25
53	Akaganeite polymer nanocomposites. <i>Polymer</i> , 2009, 50, 1088-1094.	1.8	25
54	Hemostasis Disorders Caused by Polymer Coated Iron Oxide Nanoparticles. <i>Journal of Biomedical Nanotechnology</i> , 2013, 9, 1272-1285.	0.5	25

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55	Magnetic structures of the three-dimensional Heisenberg antiferromagnets $K_2FeCl_5 \cdot 2H_2O$ and $Rb_2FeCl_5 \cdot 2H_2O$. <i>Journal of Physics Condensed Matter</i> , 1995, 7, 4725-4738.	0.7	24
56	Drawbacks Arising from the High Steric Congestion in the Synthesis of New Dendritic Polyalkylaromatic Polyradicals. <i>Journal of Organic Chemistry</i> , 1997, 62, 9009-9017.	1.7	24
57	Hydrogen-bonded benzimidazole-based tert-butyl nitroxides. <i>Polyhedron</i> , 2001, 20, 1465-1473.	1.0	24
58	Structural and Magnetic Properties of a Novel Ferrocenyl π -Diiodine Charge Transfer Complex. <i>Inorganic Chemistry</i> , 2003, 42, 3975-3977.	1.9	24
59	Understanding magnetic interactions in the series $A_2FeX_5 \cdot nH_2O$ ($A=K, Rb; X=Cl, Br$). II. Inelastic neutron scattering and DFT studies. <i>Physical Review B</i> , 2008, 78, .	1.1	24
60	An unprecedented mode of association in diselenadiazolyl radicals: crystal structures and magnetic properties of $[p\text{-XC}_6\text{F}_4\text{CNSeSeN}]_2$ ($X=Cl, Br$). <i>Chemical Communications</i> , 2000, , 2449-2450.	2.2	22
61	Structure and exchange in silicon-linked tetraradicals Electronic supplementary information (ESI) available: EPR spectra, X-ray crystallographic data and packing views, synthetic and characterization details for 1a and 2, χT plot for 2, and computational summaries for model systems. See http://www.rsc.org/suppdata/cc/b1/b107430j/ . <i>Chemical Communications</i> , 2002, , 252-253.	2.2	22
62	Studies on a "Disappearing Polymorph" Thermal and Magnetic Characterization of $[p\text{-NCC}_6\text{F}_4\text{CNSeSeN}]_2$ ($X=Cl, Br$). <i>Journal of the American Chemical Society</i> , 2016, 138, 16779-16786.	6.6	22
63	Magnetic ordering in the linear-chain antiferromagnet potassium aquapentafluoroferrate(III). <i>Inorganic Chemistry</i> , 1984, 23, 2213-2215.	1.9	21
64	Pressure-induced structural phase transitions in the $AMnF_4$ series ($A=Cs, Rb, K$) studied by synchrotron x-ray powder diffraction: Correlation between hydrostatic and chemical pressure. <i>Physical Review B</i> , 1996, 54, 7052-7061.	1.1	21
65	Modification of molecular packing: crystal structures and magnetic properties of monomeric and dimeric difluorophenyl-1,2,3,5-dithiadiazolyl radicals. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 2539-2542.	1.1	21
66	Low-field remanent magnetization in $Rb_2FeCl_5 \cdot nH_2O$ and in its site-diluted solid solutions $Rb_2Fe_{1-x}In_xCl_5 \cdot nH_2O$ ($x=0.04, 0.08, 0.15, \text{ and } 0.35$). <i>Physical Review B</i> , 1997, 56, 3196-3203.	1.1	21
67	Tunable Molecular Distortion in a Nickel Complex Coupled to a Reversible Phase Transition in the Crystalline State. <i>Journal of the American Chemical Society</i> , 1999, 121, 2808-2819.	6.6	21
68	Spectroscopic study of NH_4ZnF_3 and NH_4MnF_3 perovskites. <i>Journal of Physics C: Solid State Physics</i> , 1985, 18, 6083-6098.	1.5	20
69	Hysteresis at the spin-flop transition in the antiferromagnets $K_2Fe(Cl_{1-x}Br_x)_5 \cdot nH_2O$. <i>Physical Review B</i> , 1991, 43, 11107-11111.	1.1	20
70	$Co_3(RL)_2(hfac)_6$ Ladder Complex of 5-[4-(N-tert-Butyl-N-aminoxyl)phenyl]pyrimidine. <i>Inorganic Chemistry</i> , 2006, 45, 2562-2567.	1.9	20
71	Understanding magnetic interactions in the series $A_2FeX_5 \cdot nH_2O$ ($A=K, Rb; X=Cl, Br$). I. <i>Physical Review B</i> , 2008, 78, 044411. http://www.w3.org/1998/Math/MathML	1.1	20

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73	Crystal and magnetic structures of RbMnF ₄ and KMnF ₄ investigated by neutron powder diffraction: the relationship between structure and magnetic properties in the Mn ³⁺ -layered perovskites AMnF ₄ (A=Na, K). <i>Journal of Solid State Chemistry</i> , 1997, 107, 431-440.	10.7	84314
74	A CW-EPR and ESEEM spectroscopic study of the dithiadiazolyl radicals p-XC ₆ F ₄ CN ₂ SSN (X = CN, Br). <i>Applied Magnetic Resonance</i> , 2001, 20, 231-247.	0.6	19
75	Magnetic properties of maghemite nanoparticles in a polyvinylpyridine matrix. <i>Polyhedron</i> , 2003, 22, 2457-2461.	1.0	19
76	A New Bimetallic Intercalated 3-D Assembly Magnet [Ni ₃ {Fe(CN) ₆ } ₂] _n ·12nH ₂ O (323). <i>Inorganic Chemistry</i> , 2005, 44, 1354-1361.	1.9	19
77	Remanent magnetization of the dilute antiferromagnets Mn _{1-x} Zn _x F ₂ at very low magnetic fields. <i>Journal of Physics Condensed Matter</i> , 1993, 5, 8083-8096.	0.7	18
78	Changes in Magnetic Couplings after Chimie Douce Reactions: Magnetic Structures of LiMnXO ₄ (OD) (X=P, As). <i>Journal of Solid State Chemistry</i> , 1997, 132, 202-212.	1.4	18
79	Spin-density distribution in the new molecular magnet p-O ₂ N-C ₆ F ₄ CN ₂ SSN. <i>Physica B: Condensed Matter</i> , 2003, 335, 1-5.	1.3	18
80	Co ^{II} /Zn ^{II} - μ_2 -L-Tyrosine Magnetic Metal-Organic Frameworks. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 5259-5268.	1.0	18
81	Metal-Free Highly Luminescent Silica Nanoparticles. <i>Langmuir</i> , 2012, 28, 8190-8196.	1.6	18
82	Hematotoxicity of magnetite nanoparticles coated with polyethylene glycol: in vitro and in vivo studies. <i>Toxicology Research</i> , 2015, 4, 1555-1564.	0.9	18
83	Mössbauer study of (NH ₄) ₂ FeCl ₅ ·H ₂ O. <i>Hyperfine Interactions</i> , 1990, 54, 483-488.	0.2	17
84	Mössbauer study of the $\hat{1}\pm$ and $\hat{1}^2$ forms of (NH ₄) ₂ FeF ₅ . <i>Journal of Magnetism and Magnetic Materials</i> , 1991, 98, 79-84.	1.0	17
85	Magnetic Polymers. <i>Molecular Crystals and Liquid Crystals</i> , 1993, 232, 173-194.	0.3	17
86	Magnetic nanocomposites from nitrogen base polymers. <i>Applied Organometallic Chemistry</i> , 2001, 15, 396-400.	1.7	17
87	Crystal structure and magnetic properties of linear chain potassium aquotetrafluoromanganate(III). <i>Journal of Solid State Chemistry</i> , 1988, 76, 33-39.	1.4	16
88	Proton Cascade in a Molecular Solid: H/D Exchange on Mobile and Immobile Water. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13463-13467.	7.2	16
89	Molecular magnetic materials in Il Ciocco. <i>Advanced Materials</i> , 1991, 3, 161-163.	11.1	15
90	Magnetic structures of MnPO ₄ ·D ₂ O and MnAsO ₄ ·D ₂ O from time-of-flight neutron powder diffraction data. <i>Journal of Materials Chemistry</i> , 1992, 2, 501-505.	6.7	15

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91	Induced net spontaneous magnetization by nonmagnetic impurities in the quasi-one-dimensional antiferromagnet $(\text{CH}_3\text{NH}_3)\text{Mn}^{1-x}\text{Cd}_x\text{Cl}_3 \cdot 2\text{H}_2\text{O}$. <i>Physical Review B</i> , 1998, 58, 3197-3205.	1.1	15
92	Nickel oxide magnetic nanocomposites in an imine polymer matrix. <i>Journal of Materials Chemistry</i> , 2000, 10, 1945-1947.	6.7	15
93	Heat Capacity and Antiferromagnetic Phase Transition of the Organic Free Radical Magnet, 2-tert-Butylaminoxylbenzimidazole (BABI). <i>Journal of Physical Chemistry B</i> , 2002, 106, 8615-8620.	1.2	15
94	Thermal properties of tetraethylammonium tetrachloroferrate(III) and tetrabromoferrate(III). <i>Journal of Chemical Thermodynamics</i> , 1988, 20, 373-384.	1.0	14
95	Remanent magnetization of disordered antiferromagnets at very low magnetic fields: $\text{Mn}^{1-x}\text{Zn}_x\text{F}_2$, $\text{K}_2\text{Fe}^{1-x}\text{In}_x\text{Cl}_5 \cdot \text{H}_2\text{O}$ and $\text{K}_2\text{Fe}(\text{Cl}^{1-x}\text{Br}_x)_5 \cdot \text{H}_2\text{O}$. <i>Journal of Physics Condensed Matter</i> , 1993, 5, L107-L112.	0.7	14
96	Coordination complexes of a silicon-linked organic tetranitroxide. <i>Polyhedron</i> , 2003, 22, 2363-2374.	1.0	14
97	Polymer-coated superparamagnetic iron oxide nanoparticles as T2 contrast agent for MRI and their uptake in liver. <i>Future Science OA</i> , 2019, 5, FSO235.	0.9	14
98	Magnetic Phenomena in Molecular Solids: A Tutorial Approach. <i>Molecular Crystals and Liquid Crystals Incorporating Nonlinear Optics</i> , 1989, 176, 289-305.	0.3	13
99	The low-field remanent magnetization of the disordered antiferromagnets $\text{K}_2\text{Fe}^{1-x}\text{In}_x\text{Cl}_5 \cdot \text{H}_2\text{O}$ and $\text{K}_2\text{Fe}(\text{Cl}^{1-x}\text{Br}_x)_5 \cdot \text{H}_2\text{O}$. <i>Journal of Physics Condensed Matter</i> , 1994, 6, 5725-5740.	0.7	13
100	Ab initio study of the magnetic behavior of four dithiadiazolyl radical compounds. <i>Polyhedron</i> , 2005, 24, 2579-2583.	1.0	13
101	Cell compatibility of a maghemite/polymer biomedical nanoplatform. <i>Toxicology in Vitro</i> , 2015, 29, 962-975.	1.1	13
102	Absorption spectra of NH_4MnCl_3 and NH_4MnF_3 . <i>Solid State Communications</i> , 1986, 60, 331-335.	0.9	12
103	Magnetic properties of hexaamminecobalt(3+) hexachloroferrate(3-): a quasi-ideal fcc structure with antiferromagnetic ordering. <i>Inorganic Chemistry</i> , 1990, 29, 842-845.	1.9	12
104	Critical behavior of an unusual ferromagnet. <i>Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics</i> , 1978, 95, 380-384.	0.9	11
105	Synthesis and study of a stable polyradical macromolecule with a helical structure. A poly(iminomethylene) with verdazyl radicals as side groups. <i>Synthetic Metals</i> , 1993, 55, 1141-1146.	2.1	11
106	Polymeric, H-Bonded, and Chelatable Phenoxyl and Nitroxide Radicals. <i>Molecular Crystals and Liquid Crystals</i> , 1999, 334, 285-294.	0.3	11
107	Functional insights into the cellular response triggered by a bile-acid platinum compound conjugated to biocompatible ferric nanoparticles using quantitative proteomic approaches. <i>Nanoscale</i> , 2017, 9, 9960-9972.	2.8	11
108	Synthesis, molecular structure and magnetic properties of di- μ_4 -hydroxo-bis-(bis(1,3-bis(2-hydroxyphenyl)-1,3-propanedione)chromium(III)) bistoluene. <i>Inorganica Chimica Acta</i> , 1988, 147, 151-157.	1.2	10

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109	Spontaneous magnetization in the diluted low-anisotropy antiferromagnets $K_2FeCl_5 \cdot nH_2O$. <i>Journal of Physics Condensed Matter</i> , 1992, 4, L607-L610.	0.7	10
110	Crystal structure and magnetic measurements of $[Cr(en)_3][ZnCl_4]Cl$. <i>Inorganica Chimica Acta</i> , 1988, 146, 161-165.	1.2	9
111	Random field effects at the spin-flop transition of diluted and mixed $(K_{1-x}Rb_x)_2Fe_1-yIn_y(Cl_{1-z}Br_z)_5 \cdot nH_2O$. <i>Journal of Applied Physics</i> , 1993, 73, 5491-5493.	1.1	9
112	Structural and magnetic behavior of the $S=2$ layered ferromagnet $CsMnF_4$ under hydrostatic pressure. <i>Physical Review B</i> , 1995, 51, 8660-8663.	1.1	9
113	Inducing Spontaneous Magnetization in Antiferromagnets. <i>Molecular Crystals and Liquid Crystals</i> , 1997, 305, 385-399.	0.3	9
114	Hysteresis and relaxation behavior in diluted $A_2Fe_1-xIn_xCl_5 \cdot nH_2O$ ($A=K, Rb$). <i>Physical Review B</i> , 1997, 56, 3204-3211.	1.1	9
115	Spontaneous Magnetisation at 36k in a Sulfur-Nitrogen Radical. <i>Molecular Crystals and Liquid Crystals</i> , 1997, 306, 293-300.	0.3	9
116	Anomalous magnetic phase diagrams in the site-diluted Heisenberg antiferromagnets, $A_2Fe_1-xIn_xCl_5 \cdot nH_2O$ ($A = Rb, K$). <i>Journal of Physics Condensed Matter</i> , 1999, 11, 4409-4425.	0.7	9
117	Multi-Functional Magnetic Materials Based on Dithiadiazolyl Free Radicals. <i>Molecular Crystals and Liquid Crystals</i> , 1999, 334, 275-284.	0.3	9
118	Single-crystal ac susceptibility measurements on $[Co(NH_3)_6][CuCl_5]$, a $3D, S=1/2$ Heisenberg antiferromagnet. <i>Journal of Applied Physics</i> , 1988, 63, 3566-3568.	1.1	8
119	Isostructuralism in double complex salts series: $[M(H_2O)_x(NH_3)_{6-x}][M^{2+}(CN)_6]$ and $[M(H_2O)_x(NH_3)_{6-x}][CuCl_5]$ ($M, M^{2+} = Co(III), Cr(III)$; $x = 0, 1, 2$). Crystal structure of $[Cr(H_2O)(NH_3)_5][CuCl_5]$. <i>Inorganica Chimica Acta</i> , 1990, 169, 91-95.	1.2	8
120	Magnetic structures of the Mn III weak ferromagnets $AMnF_4 \cdot nH_2O$ ($A=Rb$ and K). <i>Journal of Physics Condensed Matter</i> , 1991, 3, 2379-2390.	0.7	8
121	Magnetic Characterization of the Spin-Glass Phase in $Mn_xCd_{1-x}In_2Te_4$ Solid Solutions. <i>Materials Science Forum</i> , 1995, 182-184, 459-462.	0.3	8
122	A magnet made from carbon. <i>Nature</i> , 2001, 413, 690-691.	13.7	8
123	Effects of pressure on maghemite nanoparticles with a core/shell structure. <i>Journal of Magnetism and Magnetic Materials</i> , 2010, 322, 2117-2126.	1.0	8
124	Optical and EPR Studies of NH_4MnF_3 above 80 K. <i>Physica Status Solidi (B): Basic Research</i> , 1982, 109, K81.	0.7	7
125	New low-temperature ferrimagnets. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1989, 135, 231-234.	0.9	7
126	Ferromagnetic Interactions above Room Temperature in a Schiff-Base Metal-Organic Polymer. <i>Molecular Crystals and Liquid Crystals Incorporating Nonlinear Optics</i> , 1989, 176, 415-422.	0.3	7

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127	On the controversial magnetic properties of the schiff-base metal-organic polymer $\{[\text{Fe}(\text{C}_{13}\text{H}_{17}\text{N}_3)_2\text{SO}_4 \cdot 6\text{H}_2\text{O}]_n\}$. Solid State Communications, 1991, 80, 969-973.	0.9	7
128	Remanent magnetization in the linear chain antiferromagnet $(\text{CH}_3\text{NH}_3)\text{Mn}^{1-x}\text{M}^x\text{Cl}_3 \cdot 2\text{H}_2\text{O}$, $\text{M}=\text{Cd}$ or Cu . Journal of Applied Physics, 1996, 79, 5236.	1.1	7
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