

# J BartolomÃ©

## List of Publications by Year in descending order

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285  
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times ranked

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#	ARTICLE	IF	CITATIONS
1	Anisotropic thermal expansion and electronic transitions in the $\text{Co}_3\text{BO}_5$ ludwigite. Dalton Transactions, 2022, 51, 6345-6357.	1.6	4
2	Electronic and magnetic states of Fe ions in $\text{Co}_2\text{FeBO}_5$ . Dalton Transactions, 2021, 50, 9735-9745.	1.6	4
3	Spin state crossover in $\text{Co}_3\text{BO}_5$ . Physical Review B, 2021, 103, .		
4	$\text{Co}_5/3\text{Nb}_1/3\text{BO}_4$ : A new cobalt oxyborate with a complex magnetic structure. Journal of Magnetism and Magnetic Materials, 2021, 534, 168056.	1.0	3
5	Enhanced Magnetism through Oxygenation of $\text{FePc}/\text{Ag}(110)$ Monolayer Phases. Journal of Physical Chemistry C, 2020, 124, 13993-14006.	1.5	4
6	High relaxation barrier in neodymium furoate-based field-induced SMMs. Dalton Transactions, 2019, 48, 15386-15396.	1.6	9
7	Slow relaxation in a $\{\text{Tb}_2\text{Ba}(\mu_3\text{-furo})_8\}_n$ polymer with $\text{Ln} = \text{Tb(III)}$ non-Kramers ions. Dalton Transactions, 2019, 48, 5022-5034.	1.6	4
8	Effect of magnetic frustrations on magnetism of the $\text{Fe}_3\text{BO}_5$ and $\text{Co}_3\text{BO}_5$ ludwigites. Journal of Magnetism and Magnetic Materials, 2019, 474, 493-500.	1.0	19
9	Determination of the ground state of an Au-supported $\text{FePc}$ film based on the interpretation of Fe $K$ - and $L$ -edge x-ray magnetic circular dichroism measurements. Physical Review B, 2018, 97, .	1.1	5
10	Heteronuclear $\{\text{Tb}_x\text{Eu}_{1-x}\}$ furoate 1D polymers presenting luminescent properties and SMM behavior. Journal of Materials Chemistry C, 2018, 6, 5286-5299.	2.7	19
11	Magnetic anisotropy in Fe phthalocyanine film deposited on $\text{Si}(110)$ substrate: Standing configuration. Low Temperature Physics, 2017, 43, 955-959.	0.2	1
12	Antiferromagnetic single-chain magnet slow relaxation in the $\{\text{Tb}(\mu_3\text{-furo})_3\}_n$ polymer with non-Kramers ions. Journal of Materials Chemistry C, 2016, 4, 5038-5050.	2.7	18
13	Quadrupolar XMCD at the Fe $K$ -edge in Fe phthalocyanine film on Au: Insight into the magnetic ground state. Physical Review B, 2015, 91, .	1.1	9
14	Molecular tilting and columnar stacking of Fe phthalocyanine thin films on $\text{Au}(111)$ . Journal of Applied Physics, 2015, 117, .	1.1	14
15	Large orbital magnetic moment in $\text{Pt}_{13}$ clusters. Journal of Physics Condensed Matter, 2014, 26, 196006.	0.7	10
16	Iron silicide formation at different layers of $(\text{Fe}/\text{Si})_3$ multilayered structures determined by conversion electron Mossbauer spectroscopy. Journal of Applied Physics, 2014, 116, 023907.	1.1	6
17	Parimagnetism in $\text{HoCo}_2$ and $\text{TmCo}_2$ . Journal of Physics Condensed Matter, 2014, 26, 156001.	0.7	6
18	Thermomagnetic behaviour and compositional irreversibility on $(\text{Fe}/\text{Si})_3$ multilayer films. Journal of Magnetism and Magnetic Materials, 2014, 364, 24-33.	1.0	5

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19	Structural and magnetic properties of some lanthanide (Ln = Eu( $\text{III}$ ), Gd( $\text{III}$ ) and Tj ETQq1 1 0.784314 rgBT / Dy) substitutions. Dalton Transactions, 2014, 43, 12342-12356.	1.6	84
20	Magnetic relaxation versus 3D long-range ordering in $\text{Dy}_2\text{Ba}(\text{furoate})_8$ polymers. Dalton Transactions, 2014, 43, 10999-11013.	1.6	14
21	Magnetic antidot to dot crossover in Co and Py nanopatterned thin films. Physical Review B, 2014, 89, .	1.1	35
22	Field-induced internal Fe and Ln spin reorientation in butterfly $\text{Fe}_3$		

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37	Magnetic nanoparticles with bulklike properties (invited). Journal of Applied Physics, 2011, 109, .	1.1	105
38	Heteronuclear (Co <sup>2+</sup> Ca, Co <sup>2+</sup> Ba) 2,3-pyridinedicarboxylate complexes: synthesis, structure and physico-chemical properties. Dalton Transactions, 2011, 40, 463-471.	1.6	24
39	Magnetic Au Nanoparticles on Archaeal S-Layer Ghosts as Templates. Nanomaterials and Nanotechnology, 2011, 1, 13.	1.2	18
40	Magnetic switching and magnetic transitions in ErCo <sub>2</sub> probed by radio-frequency transverse susceptibility. Journal of Applied Physics, 2011, 109, 07E118.	1.1	11
41	Crystal structure and magnetic anisotropy of ludwigite Co <sub>2</sub> FeO <sub>2</sub> BO <sub>3</sub> . Journal of Experimental and Theoretical Physics, 2011, 113, 1015-1024.	0.2	29
42	The superexchange interactions in mixed Co <sup>2+</sup> Fe ludwigite. Journal of Magnetism and Magnetic Materials, 2011, 323, 521-527.	1.0	28
43	Shaping distinct magnetic interactions in molecular compounds. Journal of Magnetism and Magnetic Materials, 2011, 323, 1044-1053.	1.0	1
44	Structural and magnetic properties of amorphous Co-W alloyed nanoparticles. Physical Review B, 2011, 84, .	1.1	7
45	Uniaxial magnetic anisotropy in Co <sub>2</sub> FeO <sub>2</sub> BO <sub>3</sub> . Journal of Experimental and Theoretical Physics, 2011, 113, 1015-1024.	1.1	36
46	Evolution of Fe magnetic order in NdFe <sub>1-x</sub> Ga <sub>x</sub> O <sub>3</sub> . Journal of Physics Condensed Matter, 2011, 23, 046003.	0.7	4
47	Peculiarities of the magnetocaloric properties in Ni-Mn-Sn ferromagnetic shape memory alloys. Physical Review B, 2010, 81, .	1.1	96
48	One-pot synthesis of an unusual manganese <sup>II</sup> lanthanide <sup>III</sup> ferrocene cluster: A combination of d-, f-metals and an organometallic fragment. Polyhedron, 2010, 29, 244-247.	1.0	21
49	Highly unquenched orbital moment in textured Fe-phthalocyanine thin films. Physical Review B, 2010, 81, .	1.1	105
50	Size-dependent properties of magnetoferritin. Nanotechnology, 2010, 21, 465707.	1.3	43
51	Zero-temperature spin-glass freezing in self-organized arrays of Co nanoparticles. Europhysics Letters, 2010, 89, 67011.	0.7	11
52	Morphology and magnetic properties of W-capped Co nanoparticles. Journal of Applied Physics, 2010, 107, 09B508.	1.1	2
53	Origin of the giant magnetic moment in epitaxial Fe <sub>3</sub> films. Physical Review B, 2010, 81, .	1.1	75
54	AC response of 2H <sup>+</sup> NbSe <sub>2</sub> single crystals with electron-irradiation-induced defects. Journal of Physics Condensed Matter, 2010, 22, 295702.	0.7	2

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55	Origin of the anomalous contributions to the ac magnetic susceptibility of rare-earth-iron intermetallic compounds. <i>Physical Review B</i> , 2009, 79, .	1.1	6
56	Magnetization of Pt <sub>13</sub> clusters supported in a NaY zeolite: A XANES and XMCD study. <i>Physical Review B</i> , 2009, 80, .	1.1	52
57	Nanostructural origin of the spin and orbital contribution to the magnetic moment in Fe <sub>3</sub> O <sub>4</sub> magnetite nanoparticles. <i>Applied Physics Letters</i> , 2009, 94, .	1.5	44
58	Magnetic Anisotropy in 2H-NbSe <sub>2</sub> Electron Irradiated Single Crystals. <i>Solid State Phenomena</i> , 2009, 152-153, 470-473.	0.3	2
59	Failure analysis of magnets in a servomotor by Mössbauer and X-ray diffraction. <i>Hyperfine Interactions</i> , 2009, 192, 69-75.	0.2	0
60	Heat capacity, thermal expansion and pressure derivative of critical temperature at the superconducting and charge density wave (CDW) transitions in NbSe <sub>2</sub> . <i>Physica C: Superconductivity and Its Applications</i> , 2009, 469, 259-264.	0.6	13
61	The synthesis, structural characterization, magnetochemistry and Mössbauer spectroscopy of [Fe <sub>3</sub> LnO <sub>2</sub> (CCl <sub>3</sub> COO) <sub>8</sub> H <sub>2</sub> O(THF) <sub>3</sub> ] (Ln=Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Lu and Y). <i>Polyhedron</i> , 2009, 28, 3017-3025.	1.0	21
62	Magnetostructural correlations in the tetranuclear series of $\text{Fe}_{256}$ core clusters: Magnetic and Mössbauer spectroscopic study. <i>Physical Review B</i> , 2009, 80, .	1.1	256
63	CEMS spectra of non-spherical nanoparticles in oxidized iron thin films. <i>Hyperfine Interactions</i> , 2008, 185, 33-38.	0.2	0
64	Exchange bias and spin valve systems with Fe-Mn antiferromagnetic pinning layers, obtained by the thermo-ionic vacuum arc method. <i>Journal of Magnetism and Magnetic Materials</i> , 2008, 320, e226-e230.	1.0	19
65	Magnetic properties and nonmagnetic phases formation in (Fe/Si) <sub>n</sub> films. <i>Journal of Applied Physics</i> , 2008, 104, 094703.	1.1	12
66	Change in the magnetization of multilayer Fe/Si nanostructures during synthesis and subsequent heating. <i>Physics of Metals and Metallography</i> , 2008, 106, 51-55.	0.3	3
67	Stress-induced anisotropy, magnetic domain structure and spin-reorientation transition in R(FeCo) <sub>11</sub> Ti single crystals (R=Dy, Tb). <i>Journal of Alloys and Compounds</i> , 2008, 451, 488-491.	2.8	9
68	Magnetic polarization of noble metals by Co nanoparticles in M-capped granular multilayers (Tj ETQq0 0 0 rgBT /Oyerlock 10 Tf 50 22)	1.1	56
69	Magnetotransport Properties of $\text{Y}_2\text{Fe}_{17-x}\text{Co}_x$ Single Crystals. <i>IEEE Transactions on Magnetics</i> , 2008, 44, 4506-4508.	1.2	2
70	Magnetic Properties of the $\text{Hf}_{1-x}\text{R}_x\text{Fe}_6\text{Ge}_6$ ( $\text{R}=\text{Gd}$ and Dy) Compounds. <i>IEEE Transactions on Magnetics</i> , 2008, 44, 2944-2947.	1.2	0
71	Anisotropy Enhancement in Co Granular Multilayers by Capping. <i>Materials Science Forum</i> , 2008, 570, 1-9.	0.3	2
72	Coercivity mechanisms in lithographed antidot arrays. <i>Europhysics Letters</i> , 2008, 84, 67002.	0.7	16

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73	On the magnetic susceptibility of niobium diselenide. <i>Low Temperature Physics</i> , 2008, 34, 642-644.	0.2	3
74	Disposable sample holder for high temperature measurements in MPMS superconducting quantum interference device magnetometers. <i>Review of Scientific Instruments</i> , 2007, 78, 046101.	0.6	11
75	Structural and magnetic investigation of Co-rich Sm-Co unidirectionally solidified alloys. <i>Journal of Alloys and Compounds</i> , 2007, 433, 129-139.	2.8	11
76	Magnetic phase diagrams of $R_3(\text{Co:Ni})_2\text{B}_2$ , $R=\text{Y}$ and Nd intermetallic compounds. <i>Journal of Alloys and Compounds</i> , 2007, 442, 11-16.	2.8	7
77	Magnetic behavior of sputtered Co-doped indium-tin oxide films. <i>Physical Review B</i> , 2007, 75, .	1.1	30
78	A Bell-Shaped $\text{Mn}^{11}\text{Gd}^{2}$ Single-Molecule Magnet. <i>Journal of the American Chemical Society</i> , 2007, 129, 9248-9249.	6.6	294
79	Ferromagnetism in Co-doped indium-tin oxide films. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 310, 2084-2086.	1.0	13
80	The influences of the packing ligand on spin state and magnetic interactions in new oxalates with 3d-transition metals. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 310, 1452-1454.	1.0	2
81	Magnetic polarization of copper in Cu-capped Co clusters. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 316, e23-e26.	1.0	7
82	Heat capacity measurements of itinerant electron magnetism in $\text{Y}_3\text{Ni}_{13}\text{Co}_x\text{B}_2$ system. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 316, 166-169.	1.0	7
83	Magnetic properties of Co nanoparticle granular films capped with Pt. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 316, e9-e12.	1.0	19
84	Powder neutron diffraction of $\text{Nd}_3\text{Co}_{13}\text{Ni}_x\text{B}_2$ compounds. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 316, e438-e441.	1.0	5
85	Mössbauer spectral study of perovskites. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 316, e684-e687.	1.0	2
86	Glassy behavior of the Nd sublattice induced by Fe doping in. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 316, e659-e662.	1.0	1
87	Size effects and magnetization of (Fe/Si) $n$ multilayer film nanostructures. <i>Physics of the Solid State</i> , 2007, 49, 1470-1475.	0.2	10
88	Mössbauer study of the hyperfine interactions and spin dynamics in $\pm$ -iron(II) phthalocyanine. <i>Physical Review B</i> , 2006, 74, .	1.1	52
89	Experimental and computational analysis of the angular dependence of the hysteresis processes in an antidots array. <i>Journal of Applied Physics</i> , 2006, 99, 08S503.	1.1	7
90	Mössbauer spectral study of $\text{RFe}_{11.3}\text{W}_{0.7}$ compounds ( $R=\text{Dy}$ , Ho, Er, and Lu). <i>Journal of Magnetism and Magnetic Materials</i> , 2006, 302, 56-67.	1.0	3

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91	The magnetic domain structure of DyFe <sub>11</sub> Ti single crystals. Journal of Magnetism and Magnetic Materials, 2006, 300, e514-e517.	1.0	6
92	Tuning the magnetic anisotropy of Co nanoparticles by metal capping. Europhysics Letters, 2006, 76, 142-148.	0.7	74
93	Enhancement of the magnetic anisotropy of Co clusters by Au capping. Journal of Applied Physics, 2006, 99, 08G705.	1.1	20
94	Mössbauer spectral study of the RFe <sub>11.5</sub> Ta <sub>0.5</sub> (R=Tb, Dy, Ho, Er, and Lu) compounds. Physical Review B, 2006, 73, .	1.1	4
95	MAGNETIC DYNAMICS OF CO NANOSPHERES: ORIGIN OF THE ENHANCED ANISOTROPY. , 2006, , 1-25.		1
96	A micromagnetic study of the hysteretic behavior of antidot Fe films. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 149-152.	1.0	17
97	Structural and magnetic investigation of the Nd <sub>3</sub> Co <sub>13</sub> xNi <sub>x</sub> B <sub>2</sub> compounds. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 1563-1566.	1.0	6
98	Magnetotransport properties of compounds. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 1172-1176.	1.0	1
99	Inhibition of Nd magnetic order in NdFe <sub>11</sub> xCo <sub>x</sub> O <sub>3</sub> (). Solid State Sciences, 2005, 7, 700-709.	1.5	11
100	Reversible magnetization variations in large field ranges associated to periodic arrays of antidots. IEEE Transactions on Magnetics, 2005, 41, 3106-3108.	1.2	10
101	X-ray diffraction and magnetic measurements of itinerant electron magnetism in the Y <sub>3</sub> Ni <sub>13</sub> xCo <sub>x</sub> B <sub>2</sub> system. Physical Review B, 2005, 71, .	1.1	5
102	Inhibition of Nd magnetic order in NdFe <sub>11</sub> xCo <sub>x</sub> O <sub>3</sub> by magnetic vacancies. Journal of Applied Physics, 2005, 97, 10A501.	1.1	2
103	Element-specific magnetometry on negatively magnetized NdMnO <sub>3</sub> +δ. Journal of Applied Physics, 2005, 97, 10A503.	1.1	29
104	Magnetic relaxation of Co nanoclusters in a bias magnetic field. Journal of Physics Condensed Matter, 2004, 16, 5109-5117.	0.7	11
105	Electrical resistivity of RFe <sub>11.5</sub> Ta <sub>0.5</sub> and RFe <sub>11.3</sub> W <sub>0.7</sub> alloys. Journal of Physics Condensed Matter, 2004, 16, 6485-6492.	0.7	0
106	Hydrogen-induced reduction of electric field gradient in La <sub>2</sub> Fe <sub>14</sub> BH <sub>x</sub> studied by NMR on <sup>139</sup> La. Solid State Communications, 2004, 129, 331-334.	0.9	4
107	Magnetization switching of Fe nanowires at very low temperatures. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 1637-1639.	1.0	2
108	XMCD study of the anisotropy of nanometric Co clusters in insulating and metallic matrices. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E1275-E1276.	1.0	5

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109	Design and Synthesis of a New Binucleating Ligand via Cobalt-Promoted C <sup>α</sup> -N Bond Fusion Reaction. Ligand Isolation and Its Coordination to Nickel, Palladium, and Platinum. <i>Inorganic Chemistry</i> , 2003, 42, 5367-5375.	1.9	37
110	Magnetic relaxation phenomena in R <sub>2</sub> Fe <sub>17</sub> (R=Y, Dy, Er, Ho) and C and H derivatives. <i>Journal of Alloys and Compounds</i> , 2003, 356-357, 208-210.	2.8	4
111	Luiset al.Reply:. <i>Physical Review Letters</i> , 2003, 90, .	2.9	5
112	Magnetic and thermal properties of 4f <sup>n</sup> ladder-type molecular compounds. <i>Physical Review B</i> , 2003, 68, .	1.1	32
113	Magnetic scattering in RMn <sub>12</sub> xFe alloys. <i>Physical Review B</i> , 2003, 67, .	1.1	7
114	Competitive effects of dipolar interactions and a bias magnetic field on the magnetic relaxation times of Co clusters. <i>Journal of Applied Physics</i> , 2003, 93, 7032-7034.	1.1	8
115	Nuclear polarization of Nd in the pseudocubic perovskite NdAlO <sub>3</sub> studied by neutron diffraction below 1 K. <i>Physical Review B</i> , 2003, 68, .	1.1	7
116	Enhancement of anisotropy in Nd <sub>2</sub> Fe <sub>14</sub> B driven by Eu substitution. <i>Physical Review B</i> , 2003, 67, .	1.1	9
117	Magnetic Relaxation of Interacting Co Clusters: Crossover from Two- to Three-Dimensional Lattices. <i>Physical Review Letters</i> , 2002, 88, 217205.	2.9	111
118	Magnetic properties of RFe <sub>11.3</sub> W <sub>0.7</sub> (R=Dy, Ho, Er, and Lu): On the R <sup>2+</sup> -Fe exchange interaction in the R(Fe,T) <sub>12</sub> class of compounds. <i>Physical Review B</i> , 2002, 65, .	1.1	25
119	Spin Disorder Scattering in Magnetic Metallic Alloys. <i>Physical Review Letters</i> , 2002, 89, 106602.	2.9	20
120	Enhancement of the magnetic anisotropy of nanometer-sized Co clusters: Influence of the surface and of interparticle interactions. <i>Physical Review B</i> , 2002, 65, .	1.1	168
121	Magnetic properties of $\mu\pm$ -iron(II) phthalocyanine. <i>Physical Review B</i> , 2002, 66, .	1.1	93
122	Low-Temperature Phase Transitions in the Trigonal Modification of Cs <sub>3</sub> Bi <sub>2</sub> Br <sub>9</sub> and Cs <sub>3</sub> Sb <sub>2</sub> I <sub>9</sub> . <i>Phase Transitions</i> , 2002, 75, 607-620.	0.6	30
123	Negative magnetization and phase segregation in NdMnO <sub>3</sub> + $\delta$ . <i>Physica B: Condensed Matter</i> , 2002, 312-313, 769-771.	1.3	40
124	Geometric coercivity scaling in magnetic thin film antidot arrays. <i>Journal of Magnetism and Magnetic Materials</i> , 2002, 242-245, 597-600.	1.0	50
125	Magnetic characterization of granular Co/Al <sub>2</sub> O <sub>3</sub> multilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 2002, 242-245, 575-577.	1.0	11
126	Synthesis and Structure of Trinuclear Iron Acetate [Fe <sub>3</sub> O(CH <sub>3</sub> COO) <sub>6</sub> (H <sub>2</sub> O) <sub>3</sub> ][AuCl <sub>4</sub> ] $\cdot$ 6H <sub>2</sub> O. <i>Journal of Structural Chemistry</i> , 2002, 43, 108-117.	0.3	14



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127	Magnetotransport properties through phase transitions in $R_2Fe_{14}B$ ( $R=Y, Nd, Tm$ ) compounds. <i>Physical Review B</i> , 2001, 64, .	1.1	4
128	Magnetotransport through the spin-reorientation transition in $Tm_2Fe_{14}B$ . <i>Journal of Physics Condensed Matter</i> , 2001, 13, 303-310.	0.7	6
129	Specific heat of spin ladder lanthanide and transition-metal-based molecular magnets. <i>Polyhedron</i> , 2001, 20, 1447-1450.	1.0	8
130	Structural distortions in families of perovskite-like crystals. <i>Phase Transitions</i> , 2001, 74, 255-335.	0.6	91
131	Non-Heisenberg magnetic behavior of a triangular bridged heterometallic $Fe_2(III)Co(II)$ complex: Evidence of strong orbital contributions. <i>Journal of Chemical Physics</i> , 2001, 115, 9528-9535.	1.2	25
132	Spin-glass state in $CuGa_2O_4$ . <i>Physical Review B</i> , 2001, 63, .	1.1	35
133	Resistivity of $R_{Mn_{12-x}Fe_x}$ alloys. <i>Journal of Applied Physics</i> , 2001, 90, 5632-5636.	1.1	11
134	Induced and cooperative order of Nd ions in $NdNiO_3$ . <i>Journal of Applied Physics</i> , 2000, 87, 7052-7054.	1.1	12
135	Secondary magnetic relaxations in $Mn_{12}$ complexes. <i>Journal of Magnetism and Magnetic Materials</i> , 2000, 221, 99-102.	1.0	16
136	Hydrostatic Pressure Effect on Phase Transitions in Perovskites with Ammonium Cations. <i>Physica Status Solidi (B): Basic Research</i> , 2000, 217, 785-791.	0.7	9
137	Neutron powder diffraction study of the $RFe_{11.5}Ta_{0.5}$ ( $R=Lu, Er, Ho, Dy$ and $Tb$ ) compounds. <i>Journal of Physics Condensed Matter</i> , 2000, 12, 2265-2278.	0.7	8
138	Specific heat and magnetic interactions in $NdCrO_3$ . <i>Physical Review B</i> , 2000, 62, 1058-1066.	1.1	58
139	Hydrogenation effects on the magnetic and crystal-field interactions in the $R_2Fe_{14}BH_x$ ( $R=Gd, Pr, Dy$ ) compounds. <i>Physical Review B</i> , 2000, 62, 1004-1014.	1.1	10
140	Influence of machine symmetry on reduction of cogging torque in permanent-magnet brushless motors. <i>IEEE Transactions on Magnetics</i> , 2000, 36, 3819-3823.	1.2	109
141	Resonant magnetic tunnelling in $Mn_{12}$ -Cl benzoate. <i>Nanotechnology</i> , 1999, 10, 86-89.	1.3	12
142	Magnetotransport properties of $Nd_2Fe_{14}B$ . <i>Physical Review B</i> , 1999, 59, 1152-1156.	1.1	10
143	Resonant spin tunneling in small antiferromagnetic particles. <i>Physical Review B</i> , 1999, 59, 11837-11846.	1.1	62
144	Experimental evidence of multiple magnetic relaxation processes in $Mn_{12}$ acetate and $Mn_{12}$ 2-Cl benzoate. <i>Solid State Communications</i> , 1999, 112, 687-691.	0.9	6

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145	Intermediate frustration in $[\text{Fe}_3\text{O}(\text{CH}_3\text{COO})_6(\text{H}_2\text{O})_3] \text{NO}_3 \cdot 4(\text{H}_2\text{O})$ trinuclear cluster. Journal of Magnetism and Magnetic Materials, 1999, 196-197, 561-563.	1.0	9
146	Specific heat and magnetic interactions in spin ladder gadolinium and copper-based molecular ferromagnets. Journal of Magnetism and Magnetic Materials, 1999, 196-197, 584-585.	1.0	20
147	Spin reorientation phenomena in the $\text{Nd}_2\text{Fe}_{14}\text{B}_{1-x}\text{Co}_x$ system. Journal of Magnetism and Magnetic Materials, 1999, 196-197, 639-640.	1.0	1
148	Hall effect in $\text{Nd}_2\text{Fe}_{14}\text{B}$ single crystal. Journal of Magnetism and Magnetic Materials, 1999, 196-197, 712-713.	1.0	1
149	Magnetic disaccommodation phenomena in $\text{R}_2\text{Fe}_{14}\text{B}_x$ (R = Gd, Pr and Dy) compounds. Journal of Magnetism and Magnetic Materials, 1999, 196-197, 757-759.	1.0	3
150	Electron transport properties of the $\text{R}_2\text{Fe}_{14}\text{C}$ compounds. Journal of Magnetism and Magnetic Materials, 1999, 196-197, 776-778.	1.0	2
151	Preparation of the new compounds $\text{RE}(\text{Ta}_{0.5}\text{Fe}_{11.5})$ (RE = Tb, Dy, Ho, Er, Lu). Journal of Magnetism and Magnetic Materials, 1999, 196-197, 653-654.	1.0	7
152	Hall Effect through Magnetic Phase Transitions in $\text{Nd}_2\text{Fe}_{14}\text{B}$ . Physical Review Letters, 1999, 83, 2026-2029.	2.9	8
153	Heat Capacity, Alternating Current Magnetic Susceptibilities, and Pressure Effect for the Cyano-Bridged Bimetallic Ferromagnet $\text{Mn}_2(\text{H}_2\text{O})_5\text{Mo}(\text{CN})_7 \cdot 4\text{H}_2\text{O}$ ( $\bar{1}\bar{1}$ Phase). Chemistry of Materials, 1999, 11, 3400-3405.	3.2	20
154	Structures, Ferromagnetic Ordering, Anisotropy, and Spin Reorientation for Two- and Three-Dimensional Cyano-Bridged $\text{Mo}_3\text{-Mn}_2$ Compounds. Molecular Crystals and Liquid Crystals, 1999, 334, 651-667.	0.3	7
155	A comparison of Mössbauer spectroscopy and neutron diffraction studies of the preferential site occupation of Co in $\text{ErFe}_{10.4}\text{Co}_{1.6}$ . Solid State Communications, 1998, 106, 821-826.	0.9	3
156	Cation-radical salts with organometallic gold anions. X-ray structure of $[\text{TTFPh}]_2[\text{Au}(\text{C}_6\text{F}_5)_2]$ . Synthetic Metals, 1998, 92, 245-251.	2.1	8
157	Magnetic properties of the new compounds (, Dy, Ho, Er and Lu). Journal of Physics Condensed Matter, 1998, 10, 11055-11065.	0.7	13
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280	Librational and reorientational specific heats of NH <sub>4</sub> <sup>+</sup> in NH <sub>4</sub> ZnF <sub>3</sub> and NH <sub>4</sub> CoF <sub>3</sub> . Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1977, 92, 23-44.	0.9	21
281	Magnetic properties of NH <sub>4</sub> CoF <sub>3</sub> . Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1977, 92, 45-51.	0.9	6
282	Hindered rotational specific heat of NH <sub>4</sub> <sup>+</sup> in the cubic perovskite NH <sub>4</sub> ZnF <sub>3</sub> . Chemical Physics Letters, 1977, 48, 536-539.	1.2	8
283	Field-induced magnetic ordering in the singlet-ground state system Ni(C <sub>5</sub> H <sub>5</sub> NO) <sub>6</sub> (ClO <sub>4</sub> ) <sub>2</sub> studied by specific heat. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1976, 85, 323-326.	0.9	6
284	Low Temperature Heat Capacity Study of Nd <sub>1-x</sub> Ni <sub>x</sub> Co <sub>1-x</sub> B <sub>2</sub> Series. Solid State Phenomena, 0, 152-153, 466-469.	0.3	2
285	d-Band Magnetism of Ag, Au, Pd and Pt Studied with XMCD. Solid State Phenomena, 0, 194, 92-97.	0.3	4