Xavier Batlle

List of Publications by Year in Descending Order

160 papers	5,620 citations	38 h-index	70 g-index
167 ext. papers	5,908 ext. citations	3.3 avg, IF	5.48 L-index

#	Paper	IF	Citations
160	Tunable circular dichroism through absorption in coupled optical modes of twisted triskelia nanostructures.. *Scientific Reports*, **2022**, 12, 26	4.9	1
159	Crucial Role of the Co Cations on the Destabilization of the Ferrimagnetic Alignment in Co-Ferrite Nanoparticles with Tunable Structural Defects. *Journal of Physical Chemistry C*, **2021**, 125, 691-701	3.8	3
158	Selective Control over the Morphology and the Oxidation State of Iron Oxide Nanoparticles. *Langmuir*, **2021**, 37, 35-45	4	5
157	Driving magnetic domains at the nanoscale by interfacial strain-induced proximity. *Nanoscale*, **2021**, 13, 4985-4994	7.7	0
156	Deconvolution of Phonon Scattering by Ferroelectric Domain Walls and Point Defects in a PbTiO Thin Film Deposited in a Composition-Spread Geometry. *ACS Applied Materials & Interfaces*, **2021**, 13, 45679-45685	9.5	1
155	Magnetic nanoparticles: From the nanostructure to the physical properties. *Journal of Magnetism and Magnetic Materials*, **2021**, 543, 168594	2.8	10
154	Geometric frustration in ordered lattices of plasmonic nanoelements. *Scientific Reports*, **2019**, 9, 3529	4.9	4
153	Probing the variability in oxidation states of magnetite nanoparticles by single-particle spectroscopy. *Journal of Materials Chemistry C*, **2018**, 6, 875-882	7.1	7
152	Geometric frustration in a hexagonal lattice of plasmonic nanoelements. *Optics Express*, **2018**, 26, 20211-20224	3.3	3
151	Aggregation state and magnetic properties of magnetite nanoparticles controlled by an optimized silica coating. *Journal of Applied Physics*, **2017**, 121, 044304	2.5	18
150	Deviation from bulk in the pressure-temperature phase diagram of V2O3 thin films. *Physical Review B*, **2017**, 95,	3.3	21
149	Collective mode splitting in hybrid heterostructures. *Physical Review B*, **2016**, 93,	3.3	2
148	Universality of the electrical transport in granular metals. *Scientific Reports*, **2016**, 6, 29676	4.9	25
147	Role of the antiferromagnetic bulk spins in exchange bias. *Journal of Magnetism and Magnetic Materials*, **2016**, 416, 2-9	2.8	33
146	Tuning the magnetic properties of Co-ferrite nanoparticles through the 1,2-hexadecanediol concentration in the reaction mixture. *Physical Chemistry Chemical Physics*, **2015**, 17, 13143-9	3.6	14
145	Exchange-bias phenomenon: the role of the ferromagnetic spin structure. *Physical Review Letters*, **2015**, 114, 097202	7.4	54
144	Inducing glassy magnetism in Co-ferrite nanoparticles through crystalline nanostructure. *Journal of Materials Chemistry C*, **2015**, 3, 4522-4529	7.1	9

143	Quantification of Dipolar Interactions in Fe3O4 Nanoparticles. *Journal of Physical Chemistry C*, **2015**, 119, 24142-24148	3.8	24
142	Superparamagnetic versus blocked states in aggregates of Fe(3-x)O nanoparticles studied by MFM. *Nanoscale*, **2015**, 7, 17764-70	7.7	18
141	Equivalent circuit modeling of the ac response of Pd-ZrO2granular metal thin films using impedance spectroscopy. *Journal Physics D: Applied Physics*, **2015**, 48, 335306	3	11
140	Au cylindrical nanocup: A geometrically, tunable optical nanoresonator. *Applied Physics Letters*, **2015**, 107, 033102	3.4	3
139	The effect of oleic acid on the synthesis of Fe(3-x)O4 nanoparticles over a wide size range. *Physical Chemistry Chemical Physics*, **2015**, 17, 27373-9	3.6	35
138	Direct imaging of the magnetic polarity and reversal mechanism in individual Fe(3-x)O4 nanoparticles. *Nanoscale*, **2015**, 7, 8110-4	7.7	21
137	Manipulation of competing ferromagnetic and antiferromagnetic domains in exchange-biased nanostructures. *Physical Review B*, **2015**, 92,	3.3	8
136	Nanoparticles with tunable shape and composition fabricated by nanoimprint lithography. *Nanotechnology*, **2015**, 26, 445302	3.4	9
135	Antiferromagnetic/ferromagnetic nanostructures for multidigit storage units. *Applied Physics Letters*, **2014**, 104, 032401	3.4	20
134	From capacitive to tunnelling conduction through annealing in metal-insulating granular films: the role of ultra-small particles. *Journal Physics D: Applied Physics*, **2013**, 46, 495304	3	3
133	SiO2 coating effects in the magnetic anisotropy of Fe3-xO4 nanoparticles suitable for bio-applications. *Nanotechnology*, **2013**, 24, 155705	3.4	10
132	Probing Nanoparticle Magnetism by Aberration Corrected STEM-EELS. *Microscopy and Microanalysis* , **2012**, 18, 1362-1363	0.5	9
131	Surfactant organic molecules restore magnetism in metal-oxide nanoparticle surfaces. *Nano Letters* , **2012**, 12, 2499-503	11.5	116
130	Magnetization reversal in Ni/FeF2 heterostructures with the coexistence of positive and negative exchange bias. *Physical Review B*, **2012**, 86,	3.3	7
129	Magnetic nanoparticles with bulklike properties (invited). *Journal of Applied Physics*, **2011**, 109, 07B524	2.5	92
128	Tuning the Size, the Shape, and the Magnetic Properties of Iron Oxide Nanoparticles. *Journal of Physical Chemistry C*, **2011**, 115, 390-396	3.8	218
127	Reduction of iron by decarboxylation in the formation of magnetite nanoparticles. *Physical Chemistry Chemical Physics*, **2011**, 13, 19485-9	3.6	19
126	Griffiths-like phase and magnetic correlations at high fields in Gd5Ge4. *Physical Review B*, **2011**, 83,	3.3	12

125	Mirror symmetry in magnetization reversal and coexistence of positive and negative exchange bias in Ni/FeF2. *Applied Physics Letters*, **2011**, 98, 152507	3.4	5
124	Liver and brain imaging through dimercaptosuccinic acid-coated iron oxide nanoparticles. *Nanomedicine*, **2010**, 5, 397-408	5.6	57
123	The fabrication of ordered arrays of exchange biased Ni/FeF2 nanostructures. *Nanotechnology*, **2010**, 21, 175301	3.4	7
122	Heating rate influence on the synthesis of iron oxide nanoparticles: the case of decanoic acid. *Chemical Communications*, **2010**, 46, 6108-10	5.8	83
121	Controlled synthesis of iron oxide nanoparticles over a wide size range. *Langmuir*, **2010**, 26, 5843-7	4	131
120	Development of vortex state in circular magnetic nanodots: Theory and experiment. *Physical Review B*, **2010**, 81,	3.3	34
119	Tuning exchange bias in Ni/FeF2 heterostructures using antidot arrays. *Applied Physics Letters*, **2009** , 95, 152507	3.4	23
118	ac conductance in granular insulating Co-ZrO2 thin films: A universal response. *Physical Review B*, **2009**, 79,	3.3	6
117	Nanostructural origin of the spin and orbital contribution to the magnetic moment in Fe3O4 magnetite nanoparticles. *Applied Physics Letters*, **2009**, 94, 093108	3.4	38
116	Controlling exchange bias in Co-CoOx nanoparticles by oxygen content. *Nanotechnology*, **2009**, 20, 175702	3.4	40
115	Three-dimensional spin structure in exchange-biased antiferromagnetic/ferromagnetic thin films. *Applied Physics Letters*, **2009**, 95, 092503	3.4	22
114	Measurement of the vortex core in sub-100 nm Fe dots using polarized neutron scattering. *Europhysics Letters*, **2009**, 86, 67008	1.6	21
113	Particle size and cooling field dependence of exchange bias in core/shell magnetic nanoparticles. *Journal Physics D: Applied Physics*, **2008**, 41, 134010	3	33
112	Surface anisotropy broadening of the energy barrier distribution in magnetic nanoparticles. *Nanotechnology*, **2008**, 19, 475704	3.4	68
111	Metallic Nanoparticles Embedded in a Dielectric Matrix: Growth Mechanisms and Percolation. *Journal of Nanomaterials*, **2008**, 2008, 1-5	3.2	5
110	Stiffness and Thickness of Boron-Nitride Nanotubes. *Journal of Nanoscience and Nanotechnology*, **2008**, 8, 3774-3780	1.3	80
109	Exchange Bias Phenomenology and Models of Core/Shell Nanoparticles. *Journal of Nanoscience and Nanotechnology*, **2008**, 8, 2761-2780	1.3	236
108	Exchange bias phenomenology and models of core/shell nanoparticles. *Journal of Nanoscience and Nanotechnology*, **2008**, 8, 2761-80	1.3	12

107	Modelling exchange bias in core/shell nanoparticles. *Journal of Physics Condensed Matter*, **2007**, 19, 406238	[illegible]	32
106	Magnetic properties of dense carbon nanospheres prepared by chemical vapor deposition. *Chemical Physics Letters*, **2007**, 447, 295-299	2.5	9
105	Modification of magnetic properties of polyethyleneterephthalate by iron ion implantation. *Nuclear Instruments & Methods in Physics Research B*, **2007**, 257, 589-592	1.2	8
104	Magnetic properties of Co nanoparticles in zirconia matrix. *Journal of Magnetism and Magnetic Materials*, **2007**, 316, 103-105	2.8	8
103	Exchange bias and asymmetric hysteresis loops from a microscopic model of core/shell nanoparticles. *Journal of Magnetism and Magnetic Materials*, **2007**, 316, 140-142	2.8	23
102	Surfactant effects in magnetite nanoparticles of controlled size. *Journal of Magnetism and Magnetic Materials*, **2007**, 316, e756-e759	2.8	250
101	Interface effects in the magneto-optical properties of Co nanoparticles in dielectric matrix. *Applied Physics Letters*, **2007**, 90, 182506	3.4	24
100	Reply to Comment on Nature and entropy content of the ordering transitions in RCo2 *Physical Review B*, **2007**, 75,	3.3	8
99	Nanostructural origin of the ac conductance in dielectric granular metals: The case study of Co20(ZrO2)80. *Applied Physics Letters*, **2007**, 91, 052108	3.4	6
98	Combined neutron and synchrotron studies of magnetic films **2006**, 67, 47-55		1
97	Entropy change at the magnetostructural transition in. *Journal of Magnetism and Magnetic Materials*, **2006**, 301, 378-382	2.8	8
96	Asymmetric reversal in inhomogeneous magnetic heterostructures. *Physical Review Letters*, **2006**, 96, 217205	7.4	54
95	Acoustic emission across the magnetostructural transition of the giant magnetocaloric Gd5Si2Ge2. *Physical Review B*, **2006**, 73,	3.3	20
94	Fabrication and structural characterization of highly ordered sub-100-nm planar magnetic nanodot arrays over 1cm2 coverage area. *Journal of Applied Physics*, **2006**, 100, 074318	2.5	39
93	Size mediated control of the optical and magneto-optical properties of Co nanoparticles in ZrO2. *Journal of Applied Physics*, **2006**, 100, 074320	2.5	14
92	Vortex state and effect of anisotropy in sub-100-nm magnetic nanodots. *Journal of Applied Physics*, **2006**, 100, 104319	2.5	59
91	Tunneling magnetoresistance in Co ZrO2 granular thin films. *Physical Review B*, **2006**, 73,	3.3	55
90	Magnetization depth dependence in exchange biased thin films. *Applied Physics Letters*, **2006**, 89, 072504	3.4	31

89	Particle growth mechanisms in Ag-ZrO(2) and Au-ZrO(2) granular films obtained by pulsed laser deposition. *Nanotechnology*, **2006**, 17, 4106-11	3.4	18
88	Nature and entropy content of the ordering transitions in RCo2. *Physical Review B*, **2006**, 73,	3.3	62
87	Magnetic properties of dense graphitic filaments formed via thermal decomposition of mesitylene in an applied electric field. *Carbon*, **2006**, 44, 2864-2867	10.4	10
86	Microscopic origin of exchange bias in core/shell nanoparticles. *Physical Review B*, **2005**, 72,	3.3	101
85	Lateral length scales in exchange bias. *Europhysics Letters*, **2005**, 71, 297-303	1.6	74
84	Depth profile of uncompensated spins in an exchange bias system. *Physical Review Letters*, **2005**, 95, 047201	7.4	156
83	From Finite Size and Surface Effects to Glassy Behaviour in Ferrimagnetic Nanoparticles **2005**, 105-140		12
82	Synthesis and characterization of stabilized subnanometric cobalt metal particles. *Journal of the American Chemical Society*, **2005**, 127, 18026-30	16.4	24
81	Direct observation of the magnetic-field-induced entropy change in Gd5(SixGe1⊠)4 giant magnetocaloric alloys. *Applied Physics Letters*, **2005**, 86, 262504	3.4	49
80	Electrical properties in granular Co-ZrO2 thin films. *International Journal of Nanotechnology*, **2005**, 2, 43	1.5	7
79	Nucleation phenomenon in nanoparticle self-assemblies. *International Journal of Nanotechnology*, **2005**, 2, 62	1.5	10
78	Differential scanning calorimetry experiments in RCo2. *Journal of Magnetism and Magnetic Materials*, **2005**, 290-291, 682-685	2.8	8
77	Loop bifurcation and magnetization rotation in exchange-biased Ni⊟eF2. *Physical Review B*, **2005**, 72,	3.3	24
76	Giant heat dissipation at the low-temperature reversible-irreversible transition in Gd5Ge4. *Physical Review B*, **2005**, 72,	3.3	25
75	Bidomain state in exchange biased FeF2⊠i. *Applied Physics Letters*, **2005**, 87, 222509	3.4	51
74	Coexistence of short-range ferromagnetic and antiferromagnetic correlations in Ge-rich Gd5(SixGe1⊠)4alloys. *Journal Physics D: Applied Physics*, **2005**, 38, 3343-3347	3	25
73	Structural and Magnetic Properties of Granular Co-ZrO2 Films. *Materials Research Society Symposia Proceedings*, **2005**, 877, 1		
72	Effect of a magnetic field on the magnetostructural phase transition in Gd5(SixGe1⊠)4. *Physical Review B*, **2004**, 69,	3.3	44

71	Magnetocaloric and shape-memory effects in Ni-Mn-Ga ferro-magnetic alloys. *European Physical Journal Special Topics*, **2004**, 115, 105-110		5
70	Dynamics of the first-order magnetostructural transition in Gd5(Si x Ge1-x)4. *European Physical Journal B*, **2004**, 40, 427-431	1.2	21
69	Magnetic field induced entropy change and magnetoelasticity in NiMnGa alloys. *Journal of Magnetism and Magnetic Materials*, **2004**, 272-276, E1595-E1596	2.8	4
68	A high-sensitivity differential scanning calorimeter with magnetic field for magnetostructural transitions. *Review of Scientific Instruments*, **2003**, 74, 4768-4771	1.7	59
67	Multiscale origin of the magnetocaloric effect in Ni-Mn-Ga shape-memory alloys. *Physical Review B*, **2003**, 68,	3.3	155
66	Competing tunneling and capacitive paths in CoZrO2 granular thin films. *Physical Review B*, **2003**, 67,	3.3	20
65	The oxidation state at tunnel junction interfaces. *Journal of Magnetism and Magnetic Materials*, **2003**, 260, 78-83	2.8	2
64	Study of the oxygen migration versus anneal in Co/AlOx/FeCoOy/Ti tunnel junctions. *Journal of Magnetism and Magnetic Materials*, **2003**, 261, L305-L310	2.8	11
63	Change in entropy at a first-order magnetoelastic phase transition: Case study of Gd5(SixGe1-x)4 giant magnetocaloric alloys. *Journal of Applied Physics*, **2003**, 93, 8313-8315	2.5	15
62	Finite-size effects in fine particles: magnetic and transport properties. *Journal Physics D: Applied Physics*, **2002**, 35, R15-R42	3	976
61	Low resistance spin-dependent tunnel junctions with ZrAlOx barriers. *Journal of Applied Physics*, **2002**, 91, 7463	2.5	8
60	Entropy change and magnetocaloric effect in Gd5(SixGe1-x)4. *Physical Review B*, **2002**, 66,	3.3	70
59	Characterization of nano-oxide layers fabricated by ion beam oxidation. *IEEE Transactions on Magnetics*, **2002**, 38, 2755-2757	2	6
58	Scaling of the entropy change at the magnetoelastic transition in Gd5(SixGe1-x)4. *Physical Review B*, **2002**, 66,	3.3	65
57	Magnetic field induced entropy change and magnetoelasticity in Ni-Mn-Ga alloys. *Physical Review B*, **2002**, 66,	3.3	116
56	Low-resistance spin-dependent tunnel junctions with HfAlO/sub x/ barriers for high-density recording-head application. *IEEE Transactions on Magnetics*, **2002**, 38, 2703-2705	2	18
55	NiMnGa thin films produced by pulsed laser deposition. *Journal of Applied Physics*, **2002**, 91, 8234	2.5	42
54	Quantitative x-ray photoelectron spectroscopy study of Al/AlOx bilayers. *Journal of Applied Physics*, **2002**, 91, 10163	2.5	9

53	40% tunneling magnetoresistance after anneal at 380 °C for tunnel junctions with iron oxide interface layers. *Journal of Applied Physics*, **2001**, 89, 6665-6667	2.5	38
52	XPS Analysis of Thin Insulating Barriers in Magnetic Tunnel Junctions **2001**, 537-540		
51	Domain structures and training effects in granular thin films. *Journal of Magnetism and Magnetic Materials*, **2000**, 221, 45-56	2.8	6
50	Glassy behavior in magnetic fine particles. *Journal of Magnetism and Magnetic Materials*, **2000**, 221, 26-31	2.8	16
49	CoFe-based granular alloys: the role of the metallic matrix. *Journal of Magnetism and Magnetic Materials*, **2000**, 210, 295-301	2.8	7
48	Temperature dependence of the magnetization processes in Co/Al oxide/Permalloy trilayers. *IEEE Transactions on Magnetics*, **2000**, 36, 2957-2959	2	4
47	Antiferromagnetic correlations in FeCu granular alloys: The role of the surface structure. *Journal of Applied Physics*, **2000**, 87, 3037-3043	2.5	
46	Reply to Comment on Erasing the glassy state in magnetic fine particles *Physical Review B*, **2000**, 62, 1467-1467	3.3	
45	Magnetic Force Microscopy: A Powerful Tool to Image Domain Structures in Granular Thin Films. *Materials Science Forum*, **2000**, 352, 9-22	0.4	1
44	Evidence of domain wall scattering in thin films of granular CoFe-AgCu. *European Physical Journal B*, **2000**, 17, 43-50	1.2	13
43	Remanence breakdown in granular alloys at magnetic percolation. *Journal of Applied Physics*, **2000**, 88, 1576-1582	2.5	33
42	The nature of magnetic interactions in CoFe-Ag(Cu) granular thin films. *Journal Physics D: Applied Physics*, **2000**, 33, 609-613	3	18
41	Erasing the glassy state in magnetic fine particles. *Physical Review B*, **1999**, 59, 13584-13587	3.3	71
40	Texture, strain and alloying in sputtered granular magnetic films. *Acta Materialia*, **1999**, 47, 1661-1670	8.4	7
39	Surface effects in barium hexaferrite nanoparticles. *Journal of Magnetism and Magnetic Materials*, **1999**, 196-197, 138-139	2.8	2
38	The microstructure of CoFe?AgCu granular films: Origin of the perpendicular anisotropy. *Journal of Magnetism and Magnetic Materials*, **1999**, 196-197, 274-276	2.8	
37	Training behaviour and magnetic domains in CoFe?AgCu granular films. *Journal of Magnetism and Magnetic Materials*, **1999**, 196-197, 465-466	2.8	2
36	Structural and magnetic properties of iron particles in a copper matrix. *Journal of Magnetism and Magnetic Materials*, **1999**, 203, 120-122	2.8	1

35	CoFe□Cu granular alloys: From noninteracting particles to magnetic percolation. *Journal of Applied Physics*, **1999**, 85, 7328-7335	2.5	38
34	Magnetization reversal mechanisms in colloidal dispersions of magnetite particles. *IEEE Transactions on Magnetics*, **1998**, 34, 2114-2116	2	3
33	Magnetic microstructures from magnetic force microscopy and Monte Carlo simulation in CoFe-Ag-Cu granular films. *IEEE Transactions on Magnetics*, **1998**, 34, 912-914	2	12
32	Giant and Anisotropic Magnetoresistance in CoFe-Cu Granular Alloys: The Role of the Ferromagnetic Concentration. *Materials Science Forum*, **1998**, 269-272, 895-900	0.4	2
31	Magnetotransport properties of NiFe□Ag granular alloys: Origin of the thermal behavior. *Journal of Applied Physics*, **1997**, 82, 677-687	2.5	17
30	Interaction effects and energy barrier distribution on the magnetic relaxation of nanocrystalline hexagonal ferrites. *Physical Review B*, **1997**, 55, 6440-6445	3.3	63
29	From demagnetizing to magnetizing interactions in CoFe□AgCu granular films. *Journal of Applied Physics*, **1997**, 81, 4593-4595	2.5	10
28	The effect of magnetic interaction in barium hexaferrite particles. *Journal of Applied Physics*, **1997**, 81, 3812-3814	2.5	7
27	T?ln(t/□) scaling approach and fluctuation field analysis in interacting particulate systems. *Journal of Applied Physics*, **1997**, 81, 7427-7431	2.5	6
26	The effect of the microstructure on the magnetic interactions in CoFe□AgCu granular films: From demagnetizing to magnetizing interactions. *Applied Physics Letters*, **1997**, 70, 132-134	3.4	25
25	Interactions and Demagnetization in Nanostructured Magnetic Materials: Nanocrystalline Particles and Granular Films **1997**, 401-405		0
24	The effect of quenching rate on the nanocrystallization of amorphous Fe?Cu?Nb?Si?B. *Journal of Magnetism and Magnetic Materials*, **1997**, 171, 315-319	2.8	9
23	Magnetic relaxation and superparamagnetism in nanocrystalline ferrites. *Journal of Magnetism and Magnetic Materials*, **1996**, 157-158, 191-192	2.8	6
22	On the role of particle rotation on the blocking processes of BaFe10.4Co0.8Ti0.8O19 nanocrystalline powder. *Journal of Magnetism and Magnetic Materials*, **1995**, 140-144, 473-474	2.8	4
21	. *IEEE Transactions on Magnetics*, **1994**, 30, 714-716	2	15
20	Magnetic ordering and spin reorientations in Nd1.8Sr0.2NiO3.72. *Physical Review B*, **1994**, 49, 9138-9149	3.3	6
19	. *IEEE Transactions on Magnetics*, **1994**, 30, 502-504	2	3
18	Giant magnetoresistance in NiFe-Ag granular alloys. *Journal of Applied Physics*, **1994**, 76, 6481-6483	2.5	6

17	. *IEEE Transactions on Magnetics*, **1994**, 30, 708-710	2	16
16	Magnetic study of M-type doped barium ferrite nanocrystalline powders. *Journal of Applied Physics*, **1993**, 74, 3333-3340	2.5	112
15	Surface spin canting in BaFe12O19 fine particles. *Journal of Magnetism and Magnetic Materials*, **1993**, 124, 228-238	2.8	52
14	Magnetic properties of nanocrystalline barium hexaferrite powders: anisotropy field and interaction effects. *Journal of Magnetism and Magnetic Materials*, **1993**, 127, 229-232	2.8	8
13	Weak ferromagnetism and magnetic interactions in La2NiO4. *Journal of Physics Condensed Matter*, **1992**, 4, 487-496	1.8	11
12	Magnetic interactions, weak ferromagnetism, and field-induced transitions in Nd2NiO4. *Physical Review B*, **1992**, 45, 2830-2843	3.3	22
11	Cation distribution and magnetization of BaFe12□xCoxSnxO19 (x=0.9,1.28) single crystals. *Journal of Applied Physics*, **1992**, 72, 4608-4614	2.5	20
10	Magnetic study of spin freezing in the spin glass BaCo6Ti6O19: Static and dynamic analysis. *Physical Review B*, **1992**, 46, 8994-9001	3.3	17
9	Study of the magnetic properties of Nd2NiO4. *Journal of Magnetism and Magnetic Materials*, **1992**, 104-107, 918-920	2.8	3
8	Ba2Fe10Sn2CoO22: Growth, crystal structure (120 K), and magnetic properties. *Journal of Solid State Chemistry*, **1991**, 92, 213-218	3.3	6
7	Spin glass transition in BaCo6Ti6O19. *Journal of Applied Physics*, **1991**, 70, 6172-6174	2.5	13
6	Magnetic transitions in Pr2NiO4 single crystal. *Journal of Applied Physics*, **1991**, 70, 6329-6331	2.5	7
5	Magnetic transitions in Nd2NiO4. *Physical Review B*, **1991**, 43, 10451-10454	3.3	15
4	Cation distribution and intrinsic magnetic properties of Co-Ti-doped M-type barium ferrite. *Journal of Applied Physics*, **1991**, 70, 1614-1623	2.5	139
3	Cationic distribution, magnetization and magnetic anisotropy of Co2+ doped M-type barium ferrite. *Journal of Magnetism and Magnetic Materials*, **1990**, 83, 465-467	2.8	15
2	Transport and magnetic properties versus hole doping in (La,Nd)2NiO4+□*Journal of the Less Common Metals*, **1990**, 164-165, 853-861		4
1	CATIONIC DISTRIBUTION IN BaFe12-2xCoxSnxO19 HEXAGONAL FERRITES SUITABLE FOR MAGNETIC RECORDING. *Journal De Physique Colloque*, **1988**, 49, C8-939-C8-940		7