Pedro A Algarabel

List of Publications by Year
in descending order

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235 papers	9,022 citations	57758 44 h-index	49909 87 g-index
242 all docs	242 docs citations	242 times ranked	5665 citing authors

#	Article	IF	Citations
1	Direct Epitaxial Growth of Polar Hf0.5Zr0.5O2 Films on Corundum. Nanomaterials, 2022, 12, 1232.	4.1	1
2	Quantification of the interfacial and bulk contributions to the longitudinal spin Seebeck effect. Applied Physics Letters, 2021, 118, .	3.3	14
3	Control of Structural and Magnetic Properties of Polycrystalline Co2FeGe Films via Deposition and Annealing Temperatures. Nanomaterials, 2021, 11, 1229.	4.1	5
4	Relaxation Mechanisms and Strain-Controlled Oxygen Vacancies in Epitaxial SrMnO₃ Films. ACS Omega, 2021, 6, 13144-13152.	3.5	5
5	Engineering the spin conversion in graphene monolayer epitaxial structures. APL Materials, 2021, 9, .	5.1	9
6	Strong Crystallographic Influence on Spin Hall Mechanism in PLD-Grown IrO2 Thin Films. Nanomaterials, 2021, 11, 1478.	4.1	2
7	Pressure dependence of the Griffiths-like phase in 5:4 intermetallics. Physical Review B, 2020, 102, .	3.2	1
8	Observation of unexpected uniaxial magnetic anisotropy in La_{2/3}Sr_{1/3}MnO₃ films by a BaTiO₃ overlayer in an artificial multiferroic bilayer. Beilstein Journal of Nanotechnology, 2020, 11, 651-661.	2.8	0
9	Interfacial ferromagnetism and atomic structures in high-temperature grown Fe3O4/Pt/Fe3O4 epitaxial trilayers. Journal of Applied Physics, 2019, 126, .	2.5	12
10	Engineering the magnetic order in epitaxially strained Sr1â^'xBaxMnO3 perovskite thin films. APL Materials, 2019, 7, .	5.1	10
11	Interface-induced anomalous Nernst effect in Fe3O4/Pt-based heterostructures. Applied Physics Letters, 2019, 114, .	3.3	32
12	Cluster-glass dynamics of the Griffiths phase in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Tb</mml:mi><mml:mrow><mml:mn>5</mml:mn> Physical Review B, 2019, 99, .	3.2	27
13	Enhanced thermo-spin effects in iron-oxide/metal multilayers. Journal Physics D: Applied Physics, 2018, 51, 224003.	2.8	9
14	Hybrid TiO2-Graphene nanoribbon photoanodes to improve the photoconversion efficiency of dye sensitized solar cells. Journal of Power Sources, 2018, 396, 566-573.	7.8	38
15	Growth and structural characterization of strained epitaxial <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">H</mml:mi><mml:msub><mml:mi mathvariant="normal">f</mml:mi><mml:mrow><mml:mn>0.5</mml:mn></mml:mrow></mml:msub><mml:mi mathvariant="normal">Z</mml:mi><mml:msub><mml:mi mathvariant="normal">r</mml:mi><mml:mrow><mml:mn>0.5</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi	2.4	9
16	Temperature dependence of the spin Seebeck effect in [Fe3O4/Pt]n multilayers. AIP Advances, 2017, 7, .	1.3	19
17	Controlling the Electrical and Magnetoelectric Properties of Epitaxially Strained Sr_{1â^'}_xBa_xMnO₃ Thin Films. Advanced Materials Interfaces, 2017, 4, 1601040.	3.7	14
18	Insights on the origin of the TbGe magnetocaloric effect. Physica B: Condensed Matter, 2017, 513, 72-76.	2.7	0

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19	Spin Seebeck effect in insulating epitaxial Î³â˜Fe2O3 thin films. APL Materials, 2017, 5, .	5.1	23
20	Spin-phonon coupling in epitaxial<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">S</mml:mi><mml:msub><mml:mi mathvariant="normal">r</mml:mi><mml:mrow><mml:mn>0.6</mml:mn></mml:mrow></mml:msub><mml:mi mathvariant="normal">B</mml:mi><mml:msub><mml:mi mathvariant="normal">a</mml:mi><mml:mrow><mml:mn>0.4</mml:mn></mml:mrow></mml:msub><mml:mi>Mn</mml:mi><mml:msu	3.2	12
21	Terahertz Spin Currents and Inverse Spin Hall Effect in Thin-Film Heterostructures Containing Complex Magnetic Compounds. Spin, 2017, 07, 1740010.	1.3	65
22	Probing Strain-Induced Phenomena in Low Dimensionality Multiferroic Oxides. Microscopy and Microanalysis, 2017, 23, 1726-1727.	0.4	0
23	On the nature of the (de)coupling of the magnetostructural transition in Er5 Si4. Physica Status Solidi (B): Basic Research, 2017, 254, 1700143.	1.5	1
24	Enhancement of the spin Peltier effect in multilayers. Physical Review B, 2017, 95, .	3.2	36
25	Thermoelectric performance of spin Seebeck effect in Fe₃O₄/Pt-based thin film heterostructures. APL Materials, 2016, 4, 104802.	5.1	42
26	Characteristic length scale of the magnon accumulation in Fe3O4/Pt bilayer structures by incoherent thermal excitation. Applied Physics Letters, 2016, 109, .	3.3	20
27	Contact-Free Mapping of Electronic Transport Phenomena of Polar Domains inSrMnO3Films. Physical Review Applied, 2016, 5, .	3.8	7
28	Polar-Graded Multiferroic SrMnO₃ Thin Films. Nano Letters, 2016, 16, 2221-2227.	9.1	45
29	Nature of antiferromagnetic order in epitaxially strained multiferroic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>SrMnO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math> films. Physical Review B, 2015, 92, .	3.2	54
30	Unconventional scaling and significant enhancement of the spin Seebeck effect in multilayers. Physical Review B, 2015, 92, .	3.2	73
31	Strain-induced coupling of electrical polarization and structural defects in SrMnO3 films. Nature Nanotechnology, 2015, 10, 661-665.	31.5	153
32	Influence of the substrate on structure and magnetic properties of Coâ€“N thin films. Journal of Alloys and Compounds, 2015, 633, 470-478.	5.5	16
33	Epitaxial Stabilization of the Perovskite Phase in (Sr_{1â€“x}Ba_x)MnO₃ Thin Films. ACS Applied Materials & Interfaces, 2015, 7, 23967-23977.	8.0	22
34	Observation of the Strain Induced Magnetic Phase Segregation in Manganite Thin Films. Nano Letters, 2015, 15, 492-497.	9.1	35
35	Phase Competitions behind the Giant Magnetic Entropy Variation: Gd5Si2Ge2 and Tb5Si2Ge2 Case Studies. Entropy, 2014, 16, 3813-3831.	2.2	19
36	Anomalous Nernst effect of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Fe</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:math>single crystal. Physical Review B, 2014, 90, .	3.2	100

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37	Magnetic properties of Coâ€“N thin films deposited by reactive sputtering. Thin Solid Films, 2014, 556, 125-127.	1.8	16
38	Enhanced Magnetotransport in Nanopatterned Manganite Nanowires. Nano Letters, 2014, 14, 423-428.	9.1	16
39	Manganese Phthalocyanine Derivatives Synthesized by On-Surface Cyclotetramerization. Journal of Physical Chemistry C, 2014, 118, 17895-17899.	3.1	26
40	Quantitative in situ magnetization reversal studies in Lorentz microscopy and electron holography. Ultramicroscopy, 2013, 134, 144-154.	1.9	25
41	Effects of pressure on the magnetic-structural and Griffiths-like transitions in Dy5Si3Ge. Physical Review B, 2013, 88, .	3.2	6
42	Critical magnetic behavior of magnetocaloric materials with the Gd5Si4-type structure. Journal of Applied Physics, 2013, 113, .	2.5	17
43	Observation of the spin Seebeck effect in epitaxial Fe3O4 thin films. Applied Physics Letters, 2013, 102, .	3.3	163
44	Pressure dependence of the magneto-transport properties in Fe/MgO granular systems. Journal of the Korean Physical Society, 2013, 62, 1458-1460.	0.7	1
45	Tuning morphology and magnetism in epitaxial L10-FePt ï¬lms. EPJ Web of Conferences, 2013, 40, 08001.	0.3	2
46	Magnetism and magnetocaloric effect of single-crystal Er<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>5</mml:mn></mml:msub></mml:math>Si<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math>under pressure. Physical Review B, 2012, 85, .	3.2	10
47	Magnetic Properties of Epitaxial Discontinuous Fe/MgO Multilayers. Journal of Nanoscience and Nanotechnology, 2012, 12, 7505-7509.	0.9	1
48	Phase control studies in Gd5Si2Ge2 giant magnetocaloric compound. Journal of Alloys and Compounds, 2012, 529, 89-95.	5.5	25
49	Tailoring the magnetism of Fe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>5</mml:mn></mml:msub></mml:math>Si<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>Ge<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow />	3.2	15
50	Combinatorial pulsed laser deposition of Fe/MgO granular multilayers. Applied Physics A: Materials Science and Processing, 2012, 107, 871-876.	2.3	3
51	Tunneling magnetoresistance in epitaxial discontinuous Fe/MgO multilayers. Applied Physics Letters, 2011, 98, 122502.	3.3	10
52	Unveiling the (De)coupling of magnetostructural transition nature in magnetocaloric R5Si2Ge2 (Râ€‰=â€‰Tb,) Tj ETQq0 0 0 rgBT /Ov	3.3	20
53	Morphology, magnetic and resonance properties of Fe/MgO multilayers. Journal of Physics: Conference Series, 2011, 303, 012052.	0.4	0
54	Electron scattering processes in Ho5(SixGe1â^'x)4compounds: Electrical resistivity studies. Physical Review B, 2011, 83, .	3.2	9

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55	Understanding the role played by Fe on the tuning of magnetocaloric effect in Tb5Si2Ge2. Applied Physics Letters, 2011, 98, .	3.3	18
56	Tunneling magnetoresistance in Fe/MgO granular multilayers. Journal of Applied Physics, 2010, 107, 033704.	2.5	18
57	First-order Field-Induced Magnetization Processes andÂMagnetostriction in Tb2Co12Fe5. Journal of Low Temperature Physics, 2010, 159, 72-75.	1.4	0
58	Effects of La, Nd and Sm substitution of Sr in Sr2CrReO6 on the structural, magnetic and transport properties. Solid State Sciences, 2010, 12, 1121-1130.	3.2	11
59	Growth of Sr2CrReO6 epitaxial thin films by pulsed laser deposition. Journal of Magnetism and Magnetic Materials, 2010, 322, 1217-1220.	2.3	14
60	Magnetic deflagration in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Gd</mml:mtext></mml:mrow><mml:mn>5</mml:mn></mml:msub></mml:mrow></mml:math>Si₂Ge₂. Physical Review B, 2010, 81, .	3.2	29
61	Griffiths-like phase of magnetocaloric<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi>R</mml:mi><mml:mn>5</mml:mn></mml:msub><mml:msub><mml:mrow>	3.2	44
62	Origin of the giant magnetic moment in epitaxial<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Fe</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>O₄ films. Physical Review B, 2010, 81, .	3.2	75
63	Determination of the percolation threshold in Fe/MgO magnetic granular multilayers. Journal of Physics Condensed Matter, 2010, 22, 056003.	1.8	11
64	Magnetocaloric effect of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Er</mml:mtext></mml:mrow><mml:mn>5</mml:mn></mml:msub></mml:mrow></mml:math>Si₄ under hydrostatic pressure. Physical Review B, 2009, 79, .	3.2	16
65	Magnetic and crystal structure ofHo5(SixGe1âˆ'x)4studied by neutron diffraction. Physical Review B, 2009, 80, .	3.2	13
66	High-field Hall effect and magnetoresistance in Fe3O4 epitaxial thin films up to 30 Tesla. Applied Physics Letters, 2009, 95, .	3.3	26
67	Magnetic properties of Feâ•MgO granular multilayers prepared by pulsed laser deposition. Journal of Applied Physics, 2009, 105, 063909.	2.5	30
68	Pressure effect on phase transitions and magnetocaloric effect in Gd5Ge4. Journal of Applied Physics, 2009, 105, 07A934.	2.5	7
69	Transport properties near the magneto/structural transition of Tb5Si2Ge2. Journal of Non-Crystalline Solids, 2008, 354, 5298-5300.	3.1	8
70	Fe$_{3}$O$_{4}$/MgO/Fe Heteroepitaxial Structures for Magnetic Tunnel Junctions. IEEE Transactions on Magnetics, 2008, 44, 2862-2864.	2.1	7
71	Giant planar Hall effect in epitaxial<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Fe</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>O₄ films and its temperature dependence. Physical Review B, 2008, 78, .	3.2	82
72	Structural and magnetic properties of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Ho</mml:mtext></mml:mrow><mml:mn>5</mml:mn></mml:msub></mml:mrow></mml:math>Si₄. Physical Review B, 2008, 77, .	3.2	21

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73	Universal scaling of the anomalous Hall effect in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi>Fe</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:math>epitaxial thin films. Physical Review B, 2008, 77, .	3.2	67
74	Hydrostatic Pressure Effects in the Magnetocaloric Compounds R5(SixGe1âˆ'x)4. , 2008, , 241-253.		3
75	Mesoscopic Magnetic States in Metallic Alloys with Strong Electronic Correlations: A Percolative Scenario forCeNi1âˆ'xCux. Physical Review Letters, 2007, 98, 166406.	7.8	60
76	Magnetoelastic coupling in Sr₂(Fe_{1âˆ'x}Cr_x)ReO₆double perovskites. Journal of Physics Condensed Matter, 2007, 19, 436226.	1.8	16
77	Magnetization of Re-based double perovskites: Noninteger saturation magnetization disclosed. Applied Physics Letters, 2007, 90, 252514.	3.3	33
78	Temperature dependence of magnetization under high fields in Re-based double perovskites. Journal of Physics Condensed Matter, 2007, 19, 506206.	1.8	19
79	Colossal magnetoresistance inCaxSr2âˆ'xFeReO6double perovskites due to field-induced phase coexistence. Physical Review B, 2007, 75, .	3.2	15
80	Effect of rare earth ion in the thermopower of compounds with and R=Gd and Tb. Journal of Magnetism and Magnetic Materials, 2007, 310, e580-e582.	2.3	5
81	Magnetotransport properties of Fe3O4 thin films for applications in spin electronics. Microelectronic Engineering, 2007, 84, 1660-1664.	2.4	32
82	Two- and three-dimensional magnetic ordering in the bilayer manganiteCa2.5Sr0.5GaMn2O8. Physical Review B, 2006, 74, .	3.2	13
83	Observation of a Griffiths-like Phase in the Magnetocaloric CompoundTb5Si2Ge2. Physical Review Letters, 2006, 96, 167201.	7.8	191
84	Long-pulse magnetic field facility at Zaragoza. Journal of Physics: Conference Series, 2006, 51, 607-610.	0.4	2
85	Transport and magnetic properties of the Er5Si4 compound. Journal of Alloys and Compounds, 2006, 423, 66-68.	5.5	6
86	Nature of the magnetic ordering for small mean-size and large-size mismatch of A-site cations in CMR manganites. Physica B: Condensed Matter, 2006, 385-386, 401-404.	2.7	8
87	Incommensurate modulated structure of the ferromagnetic shape-memory Ni2MnGa martensite. Journal of Solid State Chemistry, 2006, 179, 3525-3533.	2.9	88
88	Magnetic and crystal structures of Er5(SixGe1âˆ'x)4. Journal of Physics Condensed Matter, 2006, 18, 3937-3950.	1.8	24
89	Magnetic-field-induced structural transformation inEr5Si4. Physical Review B, 2006, 74, .	3.2	15
90	Detailed neutron study of the crossover from long-range to short-range magnetic ordering in(Nd1âˆ'xTbx)0.55Sr0.45MnO3manganites. Physical Review B, 2006, 74, .	3.2	22

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91	Effects of pressure on the magnetic and crystallographic structure ofEr5Si4. Physical Review B, 2006, 74, .	3.2	16
92	Giant magnetostriction in Ca2FeReO6 double perovskite. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 843-845.	2.3	24
93	Thermopower and electrical resistivity behavior near the martensitic transition in Gd5(SixGe1â^'x)4 magnetocaloric compounds. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 661-664.	2.3	11
94	Intergrain magnetoresistance up to 50 T in the half-metallic(Ba0.8Sr0.2)2FeMoO6double perovskite: Spin-glass behavior of the grain boundary. Physical Review B, 2005, 71, .	3.2	70
95	Magnetic moment at highly frustrated sites of antiferromagnetic Laves phase structures. Physical Review B, 2005, 71, .	3.2	22
96	Grain-boundary magnetoresistance up to 42 T in cold-pressed Fe3O4 nanopowders. Journal of Applied Physics, 2005, 97, 084317.	2.5	34
97	Pressure effect on magnetic and magnetotransport properties of intermetallic and colossal magnetoresistance oxide compounds. Journal of Physics Condensed Matter, 2005, 17, S3035-S3055.	1.8	0
98	From magnetoelectronic to biomedical applications based on the nanoscale properties of advanced magnetic materials. International Journal of Nanotechnology, 2005, 2, 3.	0.2	18
99	Multi-step and anomalous reproducible behaviour of the electrical resistivity near the first-order magnetostructural transition of Gd5(Si0.1Ge0.9)4. Journal of Physics Condensed Matter, 2005, 17, 2461-2476.	1.8	13
100	Hydrostatic pressure control of the magnetostructural phase transition inGd5Si2Ge2single crystals. Physical Review B, 2005, 72, .	3.2	63
101	Transport and magnetic study of the spin reorientation transition in the Tb5(Si0.5Ge0.5)4magnetocaloric compound. Journal of Physics Condensed Matter, 2005, 17, 4941-4949.	1.8	17
102	Possible Quantum Critical Point inLa2/3Ca1/3Mn1â^'xGaxO3. Physical Review Letters, 2005, 94, 207205.	7.8	42
103	Magnetic ordering in the monoclinic structure of Nd5Si1.45Ge2.55and Pr5Si1.5Ge2.5studied by means of neutron powder diffraction. Journal of Physics Condensed Matter, 2004, 16, 7427-7437.	1.8	10
104	Publisher's Note: Pressure Enhancement of the Giant Magnetocaloric Effect inTb5Si2Ge2 [Phys. Rev. Lett.93, 137201 (2004)]. Physical Review Letters, 2004, 93, .	7.8	10
105	Pressure effects in the giant magnetocaloric compounds Gd5(SixGe1Âx)4. Journal of Physics Condensed Matter, 2004, 16, 1623-1630.	1.8	40
106	Unusual critical behavior of the electrical resistivity near the first-order magnetostructural transition of Gd5(Si0.1Ge0.9)4. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 2370-2372.	2.3	2
107	Magnetic-field-induced strain in Ni2MnGa melt-spun ribbons. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 2047-2048.	2.3	10
108	Magnetoelastic properties of Pr2Co17â^'Fe compounds. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E1887-E1889.	2.3	2

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109	Evidence for a coupled magnetic-crystallographic transformation inNd5(Si0.6Ge0.4)4. Physical Review B, 2004, 70, .	3.2	19
110	Pressure Enhancement of the Giant Magnetocaloric Effect inTb5Si2Ge2. Physical Review Letters, 2004, 93, 137201.	7.8	130
111	Anomalous behavior of the electrical resistivity in the giant magnetocaloric compoundGd5(Si0.1Ge0.9)4. Physical Review B, 2003, 67, .	3.2	40
112	Magnetoelastic behaviour of Gd5Ge4. Journal of Physics Condensed Matter, 2003, 15, 2389-2397.	1.8	80
113	Pressure-Induced Three-Dimensional Ferromagnetic Correlations in the Giant Magnetocaloric CompoundGd5Ge4. Physical Review Letters, 2003, 91, 207202.	7.8	108
114	Peculiar ferromagnetic insulator state in the low-hole-doped manganites. Physical Review B, 2003, 67, .	3.2	55
115	Tricritical points in La-based ferromagnetic manganites. Journal of Applied Physics, 2003, 93, 7646-7648.	2.5	22
116	Magnetic-martensitic transition ofTb5Si2Ge2studied with neutron powder diffraction. Physical Review B, 2003, 68, .	3.2	78
117	Field effect on phase segregation in the electron-doped mixed-valence manganites near a structural instability. Physical Review B, 2002, 65, .	3.2	30
118	Magnetic and structural phase diagram ofTb5(SixGe1â^'x)4. Physical Review B, 2002, 65, .	3.2	94
119	Composition and temperature dependence of the magnetocrystalline anisotropy in Ni2+xMn1+yGa1+zâ€‰(x+y+z=0) Heusler alloys. Applied Physics Letters, 2002, 81, 4032-4034.	3.3	96
120	Magnetic versus orbital polarons in colossal magnetoresistance manganites. Physical Review B, 2002, 65, .	3.2	86
121	Thermopower behavior in the Gd5(Si0.1Ge0.9)4 magnetocaloric compound from 4 to 300 K. Journal of Applied Physics, 2002, 91, 4457-4460.	2.5	18
122	Magnetostriction effects. Journal of Magnetism and Magnetic Materials, 2002, 242-245, 788-796.	2.3	17
123	Structural, magnetic and transport properties of Sr2Fe1â^'xCrxMoO6â^'y. Solid State Sciences, 2002, 4, 651-660.	3.2	55
124	Magnetocaloric effect in Tb5(SixGe1â^'x)4. Applied Physics Letters, 2001, 79, 1318-1320.	3.3	73
125	High magnetic-field study of the magnetization of layered manganite Nd2â^'2xSr1+2xMn2O7 single crystals. Physica B: Condensed Matter, 2001, 294-295, 107-110.	2.7	3
126	Long-pulse magnetic field facility at Zaragoza. Physica B: Condensed Matter, 2001, 294-295, 630-634.	2.7	1

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127	Pressure effects on magnetic properties of R(Fe,M)12 single crystals (R=rare earth, M=Ti,Mo). Journal of Magnetism and Magnetic Materials, 2001, 226-230, 1446-1448.	2.3	9
128	MÃ¶ssbauer spectroscopy in Sr2FeMoO6 double perovskite. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 1089-1091.	2.3	13
129	Giant magnetoresistance in the Ge-rich magnetocaloric compound, Gd5(Si0.1Ge0.9)4. Journal of Magnetism and Magnetic Materials, 2001, 237, 119-123.	2.3	51
130	Magnetoelastic effects and magnetic anisotropy in Ni2MnGa polycrystals. Journal of Applied Physics, 2001, 89, 5614-5617.	2.5	78
131	Magnetostriction in Mixed Valent Magnetic Oxides. , 2001, , 171-204.		3
132	Hall effect inGd5(Si1.8Ge2.2). Physical Review B, 2000, 61, 12651-12653.	3.2	27
133	Nature of the first-order antiferromagnetic-ferromagnetic transition in the Ge-rich magnetocaloric compoundsGd5(SixGe1â^'x)4. Physical Review B, 2000, 62, 1022-1026.	3.2	225
134	Pure crystal field -mode magnetostriction of the itinerant ferromagnet. Journal of Physics Condensed Matter, 1999, 11, 3341-3353.	1.8	4
135	X-ray magnetic circular dichroism probe of the Rh magnetic moment instability in Fe1-xRhx alloys near the equiatomic concentration. Physical Review B, 1999, 59, 3306-3309.	3.2	24
136	Spontaneous two-ion magnetostriction of the Hubbard itinerant ferromagnetY2Fe14B. Physical Review B, 1999, 59, 486-491.	3.2	2
137	Magnetic and magnetotransport properties of the ordered perovskite Sr2FeMoO6. Solid State Communications, 1999, 110, 435-438.	1.9	195
138	Invar behaviour of Y2Fe17 and YFe11Ti single crystals: magnetic moment of Fe under pressure. Journal of Magnetism and Magnetic Materials, 1999, 196-197, 649-650.	2.3	20
139	Pressure effect on spontaneous magnetization and first-order magnetization process in the Er2Fe17 single crystal. Journal of Magnetism and Magnetic Materials, 1999, 196-197, 701-702.	2.3	2
140	The magnetic phase transitions and related volume changes in (Nd1-xTbx)Mn2Ge2 compounds. Journal of Magnetism and Magnetic Materials, 1998, 177-181, 1085-1086.	2.3	4
141	Magnetic-field-induced structural phase transition inGd5(Si1.8Ge2.2). Physical Review B, 1998, 58, R14721-R14724.	3.2	344
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