

Joao B Sousa

List of Publications by Year in descending order

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140
docs citations

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times ranked

1913
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of a Griffiths-like Phase in the Magnetocaloric Compound $Tb_5Si_2Ge_2$. Physical Review Letters, 2006, 96, 167201.	7.8	191
2	Tunnel magnetoresistance and magnetic ordering in ion-beam sputtered $Co_{80}Fe_{20}/Al_2O_3$ discontinuous multilayers. Journal of Applied Physics, 2001, 90, 4044-4048.	2.5	78
3	Superspin-glass nature of discontinuous $Co_{80}Fe_{20}/Al_2O_3$ multilayers. Physical Review B, 2002, 65, .	3.2	75
4	Nanoscale Topography: A Tool to Enhance Pore Order and Pore Size Distribution in Anodic Aluminum Oxide. Journal of Physical Chemistry C, 2011, 115, 8567-8572.	3.1	48
5	Exchange enhancement and thermal anneal in $Mn_{76}Ir_{24}$ bottom-pinned spin valves. Journal of Applied Physics, 2001, 89, 6904-6906.	2.5	46
6	Resonant Tunneling through Electronic Trapping States in Thin MgO Magnetic Junctions. Physical Review Letters, 2011, 106, 196601.	7.8	45
7	Griffiths-like phase of magnetocaloric $R_{5-2}Mn_{5-2}Mg_{2+2x}$. Physical Review B, 2010, 82, .	3.2	44
8	Optical characterisation of anatase: a comparative study of the bulk crystal and the polycrystalline thin film. Thin Solid Films, 2001, 401, 216-224.	1.8	40
9	Anomalous behavior of the electrical resistivity in the giant magnetocaloric compound $Gd_5(Si_{0.1}Ge_{0.9})_4$. Physical Review B, 2003, 67, .	3.2	40
10	Electroforming, magnetic and resistive switching in MgO-based tunnel junctions. Journal Physics D: Applied Physics, 2009, 42, 105407.	2.8	35
11	Training effect in specular spin valves. Physical Review B, 2008, 77, .	3.2	32
12	Electromigration in thin tunnel junctions with ferromagnetic/nonmagnetic electrodes: Nanoconstrictions, local heating, and direct and wind forces. Physical Review B, 2005, 72, .	3.2	31
13	Transport properties of discontinuous $Co_{80}/Fe_{20}/Al_2O_3$ multilayers, prepared by ion beam sputtering. IEEE Transactions on Magnetics, 1999, 35, 2895-2897.	2.1	30
14	Domain imaging, MOKE and magnetoresistance studies of CoFeB films for MRAM applications. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2006, 126, 180-186.	3.5	29
15	Nanopore formation and growth in phosphoric acid Al anodization. Journal of Non-Crystalline Solids, 2008, 354, 5238-5240.	3.1	29
16	Cole-Cole Analysis of the Superspin Glass System $Co_{80}Fe_{20}/Al_2O_3$. Phase Transitions, 2003, 76, 367-375.	1.3	27
17	The role of dipolar interactions in magnetic nanoparticles: Ferromagnetic resonance in discontinuous magnetic multilayers. Journal of Applied Physics, 2007, 101, 103907.	2.5	27
18	Versatile, high sensitivity, and automatized angular dependent vectorial Kerr magnetometer for the analysis of nanostructured materials. Review of Scientific Instruments, 2011, 82, 043902.	1.3	26

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19	Resistive switching in nanostructured thin films. Applied Physics Letters, 2009, 94, .	3.3	25
20	Influence of co-evaporation technique on the structural and magnetic properties of CoCu granular films. Journal of Magnetism and Magnetic Materials, 1999, 196-197, 29-30.	2.3	23
21	Discontinuous transition effects in manganites: magnetization study in the paramagnetic phase. Journal of Magnetism and Magnetic Materials, 2002, 242-245, 655-658.	2.3	23
22	Tailoring the physical properties of thin nanohole arrays grown on flat anodic aluminum oxide templates. Nanotechnology, 2012, 23, 425701.	2.6	23
23	Tricritical points in La-based ferromagnetic manganites. Journal of Applied Physics, 2003, 93, 7646-7648.	2.5	22
24	Pinholes and temperature-dependent transport properties of MgO magnetic tunnel junctions. Physical Review B, 2008, 78, .	3.2	22
25	Blocking temperature in exchange coupled MnPt ^{1/2} /CoFe bilayers and synthetic antiferromagnets. Journal of Applied Physics, 2005, 97, 10K110.	2.5	21
26	Structural and magnetic properties of $\text{Ho}_{1-x}\text{Mn}_x$ manganites. Physical Review B, 2008, 77, .	3.2	21
27	Insights into the role of magnetoelastic anisotropy in the magnetization reorientation of magnetic nanowires. Physical Review B, 2011, 84, .	3.2	21
28	Unveiling the (De)coupling of magnetostructural transition nature in magnetocaloric $\text{R}_5\text{Si}_2\text{Ge}_2$ ($\text{R} = \text{La, Tb, Tm, Er, Yb}$). Journal of Applied Physics, 2010, 107, 073707.	3.3	20
29	Anomalous magnetoresistance behavior of CoFe nano-oxide spin valves at low temperatures. Journal of Applied Physics, 2003, 93, 7690-7692.	2.5	19
30	Peculiar magnetic and electrical properties near structural percolation in metal-insulator granular layers. Journal of Applied Physics, 2004, 96, 3861-3864.	2.5	19
31	The effect of pinhole formation/growth on the tunnel magnetoresistance of MgO-based magnetic tunnel junctions. Journal of Applied Physics, 2009, 106, 073707.	2.5	19
32	Magnetic relaxation phenomena in the superspin-glass system $[\text{Co}_{80}\text{Fe}_{20}/\text{Al}_2\text{O}_3]_{10}$. Journal of Physics Condensed Matter, 2002, 14, 6729-6736.	1.8	18
33	Thermopower behavior in the $\text{Gd}_5(\text{Si}_{0.1}\text{Ge}_{0.9})_4$ magnetocaloric compound from 4 to 300 K. Journal of Applied Physics, 2002, 91, 4457-4460.	2.5	18
34	Distribution of blocking temperatures in nano-oxide layers of specular spin valves. Journal of Applied Physics, 2007, 101, 113901.	2.5	18
35	Understanding the role played by Fe on the tuning of magnetocaloric effect in $\text{Tb}_{50}\text{Si}_2\text{Ge}_2$. Applied Physics Letters, 2011, 98, .	3.3	18
36	Characterization of electrodeposited Ni and $\text{Ni}_{80}\text{Fe}_{20}$ nanowires. Journal of Non-Crystalline Solids, 2008, 354, 5241-5243.	3.1	17

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37	Delocalized versus localized magnetization reversal in template-grown Ni and nanowires. <i>Journal of Magnetism and Magnetic Materials</i> , 2010, 322, 1319-1322.	2.3	17
38	Evidence of spin-polarized direct elastic tunneling and onset of superparamagnetism in MgO magnetic tunnel junctions. <i>Physical Review B</i> , 2010, 81, .	3.2	17
39	Exchange bias of MnPt/CoFe films prepared by ion beam deposition. <i>Journal of Applied Physics</i> , 2004, 95, 6317-6321.	2.5	16
40	Three-state memory combining resistive and magnetic switching using tunnel junctions. <i>Journal Physics D: Applied Physics</i> , 2007, 40, 5819-5823.	2.8	16
41	Influence of surface pre-treatment in the room temperature fabrication of nanoporous alumina. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2008, 5, 3488-3491.	0.8	16
42	Comparative study of magnetoresistance and magnetization in nano-oxide specular and nonspecular MnIr/CoFe/Cu/CoFe spin valves from 10 to 300 K. <i>Journal of Applied Physics</i> , 2002, 91, 5321-5324.	2.5	15
43	Exchange coupling of bilayers and synthetic antiferromagnets pinned to MnPt. <i>European Physical Journal B</i> , 2005, 45, 207-212.	1.5	15
44	Interlayer dipolar interactions in multilayered granular films. <i>Journal of Applied Physics</i> , 2005, 97, 10A723.	2.5	15
45	Structural, magnetic and transport properties of ion beam deposited Co thin films. <i>Journal of Non-Crystalline Solids</i> , 2008, 354, 5279-5281.	3.1	15
46	Tunneling processes in thin MgO magnetic junctions. <i>Applied Physics Letters</i> , 2010, 96, 262506.	3.3	15
47	Exchange biased CoFeB-MgO tunnel junctions at the onset of perpendicular anisotropy with in-plane/out-of-plane sensing capabilities. <i>Journal of Applied Physics</i> , 2012, 111, .	2.5	15
48	GMR in co-evaporated Co _{1-x} Ag granular thin films. <i>Journal of Magnetism and Magnetic Materials</i> , 1999, 196-197, 40-42.	2.3	14
49	Superspin Glass Behavior of Interacting Ferromagnetic Nanoparticles in Discontinuous Magnetic Multilayers. <i>Phase Transitions</i> , 2002, 75, 73-79.	1.3	14
50	Low-field magnetization study of CoFe/Al ₂ O ₃ multilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 2003, 266, 57-61.	2.3	14
51	Impact of the magnetism of nano-oxide layers on the GMR effect in specular spin valves. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, 1892-1894.	2.3	14
52	Multi-step and anomalous reproducible behaviour of the electrical resistivity near the first-order magnetostructural transition of Gd ₅ (Si _{0.1} Ge _{0.9}) ₄ . <i>Journal of Physics Condensed Matter</i> , 2005, 17, 2461-2476.	1.8	13
53	Competing spin-dependent conductance channels in underoxidized tunnel junctions. <i>Applied Physics Letters</i> , 2007, 90, 032501.	3.3	13
54	Interlayer Coupling and Magnetoresistance of MnIr-Based Spin Valves: Dependencies on Deposition Rate, Spacer Thickness, and Temperature. <i>IEEE Transactions on Magnetics</i> , 2007, 43, 3143-3145.	2.1	13

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55	Rudermanâ€“Kittelâ€“Kasuyamaâ€“Yoshida and NÃ©el contributions to the interlayer coupling of MnIr-based spin valves: Influence of deposition rate, roughness and spacer thickness. Journal of Applied Physics, 2008, 103, .	2.5	13
56	Magnetic and crystal structure of Ho ₅ (SixGe ^{1-x}) ₄ studied by neutron diffraction. Physical Review B, 2009, 80, .	3.2	13
57	Magnetoresistance and phase analysis in splat-cooled Fe _{1-x} Cu granular alloys. Solid State Communications, 1996, 100, 639-644.	1.9	12
58	Evidence of surface anisotropy in magnetic nanoparticles. Journal of Magnetism and Magnetic Materials, 2006, 300, e331-e334.	2.3	12
59	Pinholes in thin low resistance MgO-based magnetic tunnel junctions probed by temperature dependent transport measurements. Journal of Applied Physics, 2008, 103, 07A909.	2.5	12
60	Study of Nanostructured Array of Antidots Using Pulsed Magnetic Fields. Journal of Low Temperature Physics, 2010, 159, 245-248.	1.4	12
61	Magnetic properties of coarse-grained and nanocrystalline Feâ€“Crâ€“Sn alloys. Journal of Alloys and Compounds, 2000, 308, 49-55.	5.5	11
62	Magnetic states of discontinuous Co ₈₀ Fe ₂₀ â€“Al ₂ O ₃ multilayers. Journal of Magnetism and Magnetic Materials, 2002, 240, 433-435.	2.3	11
63	Thermopower and electrical resistivity behavior near the martensitic transition in Gd ₅ (SixGe ^{1-x}) ₄ magnetocaloric compounds. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 661-664.	2.3	11
64	Nanogranular BaTiO ₃ â€“CoFe ₂ O ₄ thin films deposited by pulsed laser ablation. Journal of Applied Physics, 2007, 101, 09M101.	2.5	11
65	Design, fabrication, and wafer level testing of (NiFe/Cu)/sub xn/ dual stripe GMR sensors. IEEE Transactions on Magnetics, 1997, 33, 2905-2907.	2.1	10
66	Nanosopic processes of current-induced switching in thin tunnel junctions. IEEE Nanotechnology Magazine, 2006, 5, 142-148.	2.0	10
67	Control of hysteretic behavior in flux concentrators. Applied Physics Letters, 2009, 94, .	3.3	10
68	Linear field amplification for magnetoresistive sensors. Journal of Applied Physics, 2008, 103, 103914.	2.5	9
69	Soft Thin Films for Flux Concentrators. IEEE Transactions on Magnetics, 2009, 45, 168-171.	2.1	9
70	Ferromagnetic proximity effect in $a_{1-x}Co_x$. Role of magnetic disorder and interface transparency. Physical Review B, 2010, 82, .	1.2	9
71	Electron scattering processes in Ho ₅ (SixGe ^{1-x}) ₄ compounds: Electrical resistivity studies. Physical Review B, 2011, 83, .	3.2	9
72	A user-friendly PC program for evaluation of MÃ©ssbauer spectra. Measurement Science and Technology, 1997, 8, 941-946.	2.6	8

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73	Magnetic states of granular layered CoFe-Al/sub 2/O/sub 3/ system. IEEE Transactions on Magnetics, 2001, 37, 2200-2203.	2.1	8
74	Hyperfine Fields at the Cd Site in La _{0.67} Cd _{0.25} MnO ₃ CMR Manganites. Hyperfine Interactions, 2001, 133, 89-94.	0.5	8
75	Transport properties near the magneto/structural transition of Tb ₅ Si ₂ Ge ₂ . Journal of Non-Crystalline Solids, 2008, 354, 5298-5300.	3.1	8
76	Probing atomic rearrangement events in resistive switching nanostructures. Applied Physics Letters, 2010, 96, 043505.	3.3	8
77	Electrode band structure effects in thin MgO magnetic tunnel junctions. Applied Physics Letters, 2012, 100, .	3.3	8
78	Low-temperature behavior of thermopower in rare-earth iron borides R ₂ Fe ₁₄ B (R=Nd, Sm, Gd, Tb, Dy, Ho,) Tj ETQqO 0 0 rgBT /Overlo	2.8	7
79	GMR in high fluence ion implanted granular thin films. Journal of Magnetism and Magnetic Materials, 1999, 196-197, 13-17.	2.3	7
80	Influence of conduction electrons and dipolar interactions on the susceptibility of granular materials. Journal of Magnetism and Magnetic Materials, 1999, 196-197, 112-114.	2.3	7
81	Structural imperfection, phase transitions, and the properties of magnetoresistive ceramic and films of La _{0.66} Mn _{1.23} V _{0.11} (c)O _{2.842} ~V _{0.16} (a). Low Temperature Physics, 2004, 30, 299-304.	0.6	7
82	Spin-dependent two-level resistance fluctuations in underoxidized tunnel junctions. Journal of Applied Physics, 2006, 99, 08T301.	2.5	7
83	Simulations of refrigeration on integrated circuits using micro-channels. Journal of Non-Crystalline Solids, 2008, 354, 5295-5297.	3.1	7
84	Collective dynamics and ferromagnetic order in random planar arrays of magnetic granules. Journal of Applied Physics, 2008, 103, 07B723.	2.5	7
85	Magnetic field strength and orientation effects on Co-Fe discontinuous multilayers close to percolation. Physical Review B, 2010, 82, .	3.2	7
86	Anomalous behaviour of the electrical resistivity of Y ₂ Fe ₁₄ B. Journal of Physics Condensed Matter, 1991, 3, 4119-4123.	1.8	6
87	Phonon-assisted sd electron scattering in Fe/Cr multilayers. Journal of Magnetism and Magnetic Materials, 1996, 157-158, 730-732.	2.3	6
88	Bicrystalline magnetic lateral superlattices. Journal of Magnetism and Magnetic Materials, 1996, 163, 1-4.	2.3	6
89	The effect of substrate bias on the properties of NiO/NiFe and NiO/CoFe exchange biased spin-valve sensors. IEEE Transactions on Magnetics, 1998, 34, 3772-3777.	2.1	6
90	Giant magneto-resistive granular films grown by laser ablation. Journal of Materials Processing Technology, 1999, 92-93, 534-538.	6.3	6

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91	Current-in-plane transport in granular single layers and multilayers of CoFe in Al ₂ O ₃ . Journal of Magnetism and Magnetic Materials, 2003, 266, 62-67.	2.3	6
92	Structural and magnetic study of self-doped La _{1-x} CaxMnO ₃ . Journal of Magnetism and Magnetic Materials, 2004, 272-276, 1753-1755.	2.3	6
93	Transport and magnetic properties of the Er ₅ Si ₄ compound. Journal of Alloys and Compounds, 2006, 423, 66-68.	5.5	6
94	Influence of Pinholes on MgO-Tunnel Junction Barrier Parameters Obtained from Current-Voltage Characteristics. Journal of Nanoscience and Nanotechnology, 2010, 10, 2731-2734.	0.9	6
95	Magnetization density in. Journal of Physics Condensed Matter, 1998, 10, 4071-4079.	1.8	5
96	Low temperature resistivity studies of Fe-Cr-Sn alloys in alpha and sigma phases. Journal of Alloys and Compounds, 2000, 297, 15-20.	5.5	5
97	Complex magnetic phase behavior in Gd-rich Gd-Y single crystal alloys. IEEE Transactions on Magnetism, 2001, 37, 2166-2168.	2.1	5
98	Magnetic phase behavior for Gd-rich Gd-Y. Journal of Applied Physics, 2003, 93, 8349-8351.	2.5	5
99	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
100	Magnetic and transport properties of diluted granular multilayers. Journal of Applied Physics, 2009, 106, 113910.	2.5	5
101	Local structure in CoFe/Al ₂ O ₃ multilayers determined by nuclear magnetic resonance. Journal of Magnetism and Magnetic Materials, 2002, 242-245, 943-945.	2.3	4
102	Influence of the domain structure of nano-oxide layers on the transport properties of specular spin valves. Journal of Applied Physics, 2007, 101, 09E502.	2.5	4
103	Preparation of compounds using RF-induction. Journal of Non-Crystalline Solids, 2008, 354, 5292-5294.	3.1	4
104	High Sensitivity Spin Valve Sensors With AF Coupled Flux Guides. IEEE Transactions on Magnetism, 2008, 44, 2472-2474.	2.1	4
105	Helimagnetism and field-induced phases in random Gd ₆₄ Sc ₃₆ single crystals. Journal of Physics Condensed Matter, 1999, 11, 7115-7124.	1.8	3
106	Magnetoresistivity and magnetic phase diagram of Nd ₂ Ni ₂ Sn ternary stannide. Journal of Magnetism and Magnetic Materials, 1999, 196-197, 710-711.	2.3	3
107	Magnetic and transport properties of U ₂ Pt ₂ In single crystals. Journal of Magnetism and Magnetic Materials, 1999, 196-197, 885-887.	2.3	3
108	Relaxation phenomena in current-induced switching in thin magnetic tunnel junctions. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 1067-1070.	2.3	3

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109	Asymmetric electromigration-driven resistive switching in tunnel junctions. <i>Journal of Non-Crystalline Solids</i> , 2008, 354, 5272-5274.	3.1	3
110	A method to investigate the electron scattering characteristics of ultrathin metallic films by in situ electrical resistance measurements. <i>Review of Scientific Instruments</i> , 2009, 80, 073909.	1.3	3
111	Magnetization processes in rectangular versus rhombic planar superlattices of magnetic bars. <i>Physical Review B</i> , 2011, 84, .	3.2	3
112	Magnetic Behavior of High Density Arrays of Co Bars with Strong Magnetostatic Coupling. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 7510-7515.	0.9	3
113	Anomalous electrical resistivity in metallic multilayer systems and interfacial structural changes. <i>Journal of Magnetism and Magnetic Materials</i> , 1996, 156, 357-358.	2.3	2
114	Electron scattering as a sensitive probe to study Fe/Cr multilayer structural differences (MBE/sputtered samples). <i>Journal of Magnetism and Magnetic Materials</i> , 1996, 156, 399-401.	2.3	2
115	Transport and magneto-transport properties of U ₂ Ni ₂ Sn. <i>Journal of Magnetism and Magnetic Materials</i> , 1996, 157-158, 698-699.	2.3	2
116	Magnetic and transport properties of amorphous Gd-V films. <i>Journal of Magnetism and Magnetic Materials</i> , 1999, 196-197, 251-252.	2.3	2
117	Peculiar CIP transport in CoFe/Al ₂ O ₃ granular layered films across a micro-gap. <i>Journal of Magnetism and Magnetic Materials</i> , 2002, 242-245, 485-488.	2.3	2
118	Unusual critical behavior of the electrical resistivity near the first-order magnetostructural transition of Gd ₅ (Si _{0.1} Ge _{0.9}) ₄ . <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, 2370-2372.	2.3	2
119	Anomalous magnetoresistance near the spin reorientation transition of dilute Gd-Y single crystals. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, E491-E492.	2.3	2
120	Thermopower in specular spin valves. <i>Journal of Alloys and Compounds</i> , 2006, 423, 240-243.	5.5	2
121	Temperature dependence of transport properties and exchange field of NiMn based spin valves. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 316, e973-e976.	2.3	2
122	Structural characterization of MnNi and MnPt antiferromagnetic materials for spintronic applications. <i>Journal of Non-Crystalline Solids</i> , 2008, 354, 5275-5278.	3.1	2
123	Electron scattering characteristics of polycrystalline metal transition films by in-situ electrical resistance measurements. <i>Journal of Magnetism and Magnetic Materials</i> , 2009, 321, 2494-2498.	2.3	2
124	Influence of Micro-Channel Shape and Magnetic Material on the Magneto-Refrigeration Process of Integrated Circuits. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 2590-2593.	0.9	2
125	Magnetothermopower in antiferromagnetically coupled Co-Re superlattices. <i>Journal of Applied Physics</i> , 1994, 75, 6551-6553.	2.5	1
126	Temperature dependence of the electrical resistivity and magnetoresistance of Co/Au _{1-x} Cu _x multilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 1996, 157-158, 276-278.	2.3	1

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127	Unusual slow magnetic relaxation on a SmCo ₂ /GdCo ₂ domain wall junction at low temperature. Journal of Magnetism and Magnetic Materials, 1996, 161, 133-138.	2.3	1
128	Deposition of LaCaMnO ₃ thin films using aerosol-assisted metalorganic chemical vapor deposition (MOCVD) substrate and annealing effects. Journal of Magnetism and Magnetic Materials, 1999, 196-197, 490-492.	2.3	1
129	Electromigration-driven resistance switching in non-magnetic tunnel junctions. Journal of Alloys and Compounds, 2006, 423, 181-183.	5.5	1
130	Transport Properties of Low Resistance Underoxidized Magnetic Tunnel Junctions. IEEE Transactions on Magnetics, 2007, 43, 2815-2817.	2.1	1
131	Magnetic characterization of MnPt/CoFe bilayers using the MOKE technique. Vacuum, 2008, 82, 1486-1488.	3.5	1
132	Magnetic and transport studies of γ -phase Fe ₅₀ V ₅₀ alloys with different thermal history. Journal of Non-Crystalline Solids, 2008, 354, 5287-5289.	3.1	1
133	Ferro I phase and gadolinium. Physical Review B, 2009, 79, .	3.2	1
134	Highly Ordered Hexagonal Arrays of TiO ₂ Nanotubes. Microscopy and Microanalysis, 2015, 21, 5-6.	0.4	1
135	Electron- γ perturbed angular correlation studies on high-TC superconductors. , 2000, 129, 461-473.		0
136	Magnetic tuning of Fermi level for tunnel spintronics devices. Applied Physics Letters, 2005, 87, 062504.	3.3	0
137	Ferromagnetic/mictomagnetic transitions in Fe rich Fe _{1-x} Al _x alloys: A magnetoresistivity study. Journal of Alloys and Compounds, 2006, 423, 84-86.	5.5	0
138	Spin-dependent migration-conduction model for ultra-thin magnetic tunnel junctions. Journal of Magnetism and Magnetic Materials, 2007, 316, e957-e959.	2.3	0
139	Quantum effects in atomically perfect specular spin valve structures. Journal of Physics Condensed Matter, 2008, 20, 365205.	1.8	0
140	Magnetic properties of amorphous Co _{0.74} Si _{0.26} -Si multilayers with different numbers of periods. Low Temperature Physics, 2010, 36, 821-825.	0.6	0