

Ana Dantas

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
19	Dipolar field effects on the critical current for spin transfer switch of iron and permalloy nanoelements. Journal of Applied Physics, 2014, 115, 17D130.	2.5	1
20	Synthesis of magnetite nanoparticles by high energy ball milling. Applied Surface Science, 2013, 275, 84-87.	6.1	112
21	Thermal hysteresis of interface biased dipolar coupled nanoelements. Journal of Applied Physics, 2013, 113, 17D710.	2.5	3
22	Controlling the core-to-core distance of vortex pairs in exchange-biased iron elliptical nanoelements. Journal of Applied Physics, 2012, 111, .	2.5	7
23	Tailoring the vortex core in confined magnetic nanostructures. Journal of Applied Physics, 2012, 111, 07D116.	2.5	3
24	Ferromagnetic resonance of compensated ferromagnetic/antiferromagnetic bilayers. Journal of Applied Physics, 2012, 112, 073907.	2.5	1
25	Surface spin slips in thin holmium films. AIP Advances, 2012, 2, .	1.3	1
26	Nucleation of vortex pairs in exchange biased nanoelements. Journal of Applied Physics, 2011, 109, 07D314.	2.5	6
27	Giant magnetocaloric effect of thin Ho films. Journal of Applied Physics, 2011, 109, .	2.5	14
28	Surface spin slips in thin dysprosium films. Journal of Materials Science, 2010, 45, 5036-5039.	3.7	5
29	Vortex Nucleation in Exchange Biased Magnetic Nanoelements. IEEE Transactions on Magnetics, 2010, 46, 2311-2313.	2.1	7
30	Thermal hysteresis of ferromagnetic/antiferromagnetic compensated bilayers. Physical Review B, 2009, 80, .	3.2	12
31	Depinning field of a periodic domain wall array in vicinal nanowires. Journal of Applied Physics, 2009, 105, .	2.5	7
32	Magnetic hysteresis of interface-biased flat iron dots. Physical Review B, 2009, 79, .	3.2	11
33	Thermal hysteresis of interface biased ferromagnetic dots. Journal of Applied Physics, 2007, 102, 123907.	2.5	6
34	Magnetic thermal hysteresis in $\text{Fe}/\text{Mn}/\text{Fe}$ and $\text{Gd}/\text{Mn}/\text{Gd}$ trilayers. Physical Review B, 2007, 75, .	3.2	13
35	A multifractal analysis of optical phonon excitations in quasicrystals. Physica A: Statistical Mechanics and Its Applications, 2006, 362, 289-294.	2.6	7
36	Magnetocaloric effect of thin Dy films. Solid State Communications, 2006, 140, 447-451.	1.9	23

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37	Physical properties of magnetic grains dispersed in anisotropic media. European Physical Journal B, 2006, 50, 581-585.	1.5	1
38	Thermal Hysteresis of Thin Dy Films. IEEE Transactions on Magnetics, 2006, 42, 2942-2944.	2.1	13
39	Thermal hysteresis of thin Dy films. , 2006, , .		0
40	Localization and fractal spectra of optical phonon modes in quasiperiodic structures. Physica A: Statistical Mechanics and Its Applications, 2005, 349, 259-270.	2.6	10
41	Optical phonon modes confinement in quasiperiodic semiconductor superlattice. Microelectronics Journal, 2005, 36, 407-410.	2.0	4
42	Heat capacity of compensated F/AF bilayers. Solid State Communications, 2005, 135, 769-774.	1.9	6
43	Threshold for reorientation of the magnetization in F/AF bilayers. Journal of Magnetism and Magnetic Materials, 2005, 292, 453-461.	2.3	7
44	Interface roughness effects on coercivity and exchange bias. Journal of Applied Physics, 2005, 97, 10K105.	2.5	22
45	Soft mode of antiferromagnetic multilayers near the surface spin-flop transition. Physical Review B, 2005, 71, .	3.2	5
46	PROBING THE MAGNETIC COUPLING IN MULTILAYERS USING DOMAIN WALL EXCITATIONS. , 2005, , 341-361.		1
47	Relaxation of the magnetization from interface defects. Physica B: Condensed Matter, 2004, 353, 287-295.	2.7	1
48	Stability of ferrimagnetic multilayers. Solid State Communications, 2004, 132, 383-388.	1.9	3
49	Magnetic surface phase of thin helimagnetic films. Physical Review B, 2003, 67, .	3.2	10
50	Domain wall pinning at F/AF interface defects. , 2003, , .		0
51	Effects of composition on the stability of the magnetic order of ferrimagnetic multilayers. Physical Review B, 2002, 65, .	3.2	2
52	Magnetic excitations of interface pinned domains. Journal of Magnetism and Magnetic Materials, 2001, 231, 246-252.	2.3	0
53	Excitations of domain walls pinned at F/AF interface steps. IEEE Transactions on Magnetics, 2000, 36, 3053-3055.	2.1	1
54	Local modes of thin magnetic films. Physical Review B, 2000, 62, 8650-8653.	3.2	7

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55	Domain wall pinning at an interface step defect. Journal of Physics Condensed Matter, 1999, 11, 2707-2717.	1.8	6
56	Surface-induced low-field instability of antiferromagnetic multilayers. Physical Review B, 1999, 59, 1223-1231.	3.2	24
57	Collinear mirage effect measurement of the thermal diffusivity in Ferronematics. Applied Physics Letters, 1998, 72, 674-676.	3.3	6
58	Reorientation of the magnetization in compensated F/AF bilayers. , 0, , .		0