

Marcio M Soares

List of Publications by Year in descending order

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papers

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623734

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32
all docs

32
docs citations

32
times ranked

1346
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced spin pumping damping in yttrium iron garnet/Pt bilayers. Applied Physics Letters, 2013, 102, 012402.	3.3	95
2	Nanoscale mapping of chemical composition in organic-inorganic hybrid perovskite films. Science Advances, 2019, 5, eaaw6619.	10.3	79
3	Coupling of single, double, and triple-decker metal-phthalocyanine complexes to ferromagnetic and antiferromagnetic substrates. Surface Science, 2014, 630, 361-374.	1.9	49
4	Exploring the formation of formamidinium-based hybrid perovskites by antisolvent methods: <i>in situ</i> GIWAXS measurements during spin coating. Sustainable Energy and Fuels, 2019, 3, 2287-2297.	4.9	38
5	Composition-, Size-, and Surface Functionalization-Dependent Optical Properties of Lead Bromide Perovskite Nanocrystals. Journal of Physical Chemistry Letters, 2020, 11, 2079-2085.	4.6	37
6	Robust perpendicular exchange coupling in an ultrathin CoO/PtFe double layer: Strain and spin orientation. Physical Review B, 2013, 88, .	3.2	36
7	Effect of CoO/Ni orthogonal exchange coupling on perpendicular anisotropy of Ni films on Pd(001). Physical Review B, 2015, 91, .	3.2	28
8	Magnetic vortices in tridimensional nanomagnetic caps observed using transmission electron microscopy and magnetic force microscopy. Physical Review B, 2008, 77, .	3.2	27
9	The network of syllables in Portuguese. Physica A: Statistical Mechanics and Its Applications, 2005, 355, 678-684.	2.6	25
10	Exchange bias of $TbPc_2/mn_2$ magnets on antiferromagnetic FeMn and ferromagnetic Fe films. Physical Review B, 2015, 92, .	3.2	25
11	CARNAÅšBA: The Coherent X-Ray Nanoprobe Beamline for the Brazilian Synchrotron SIRIUS/LNLS. Journal of Physics: Conference Series, 2017, 849, 012057.	0.4	22
12	Emergence of ferromagnetism and Jahn-Teller distortion in $LaMnCrO_3$. Physical Review B, 2012, 85, .	3.2	19
13	The complex network of the Brazilian Popular Music. Physica A: Statistical Mechanics and Its Applications, 2004, 332, 559-565.	2.6	18
14	Magnetic and structural properties of the Fe layers in CoO/Fe/Ag(001) heterostructure. Applied Physics Letters, 2012, 100, 132403.	3.3	17
15	Highly anisotropic epitaxial L10 FePt on Pt(001). Journal of Applied Physics, 2011, 109, 07D725.	2.5	13
16	Twisted phase of the orbital-dominant ferromagnet SmN in a GdN/SmN heterostructure. Physical Review B, 2015, 91, .	3.2	13
17	Chemically ordered MnPt ultrathin films on Pt(001) substrate: Growth, atomic structure, and magnetic properties. Physical Review B, 2012, 85, .	3.2	10
18	Orbital moment anisotropy in ultrathin FePt layers. Physical Review B, 2014, 90, .	3.2	10

#	ARTICLE	IF	CITATIONS
19	Fe _{0.5} Co _{0.5} -Co _{1.15} Fe _{1.15} O ₄ /carbon composite nanofibers prepared by solution blow spinning: Structure, morphology, Mössbauer spectroscopy, and application as catalysts for electrochemical water oxidation. International Journal of Hydrogen Energy, 2022, 47, 25266-25279.	7.1	6
20	Investigating the differences between Co adatoms states on surfaces of selected bismuth chalcogenides. Physical Review B, 2015, 92, .	3.2	5
21	Cobalt nanowire arrays grown on vicinal sapphire templates by DC magnetron sputtering. Journal of Magnetism and Magnetic Materials, 2020, 507, 166854.	2.3	5
22	Magnetic anisotropy of Co/Pt/FeMn multilayers grown on polystyrene nanospheres. Journal of Magnetism and Magnetic Materials, 2013, 327, 44-48.	2.3	4
23	Innovative instruments based on cryogenically cooled silicon crystals for the CARNAÚBA beamline at Sirius-LNLS. AIP Conference Proceedings, 2019, , .	0.4	4
24	X-Ray Dynamical Diffraction in Powder Samples with Time-Dependent Particle Size Distributions. MRS Advances, 2020, 5, 1585-1591.	0.9	4
25	Controlled Formation and Growth Kinetics of Phase-Pure, Crystalline BiFeO ₃ Nanoparticles. Crystal Growth and Design, 2020, 20, 600-607.	3.0	4
26	Unveiling Center-Type Topological Defects on Rosettes of Lead Zirconate Titanate Associated to Oxygen Vacancies. Annalen Der Physik, 2022, 534, 2100219.	2.4	4
27	Spin orientation in an ultrathin CoO/PtFe double-layer with perpendicular exchange coupling. Journal of Magnetism and Magnetic Materials, 2015, 373, 6-9.	2.3	3
28	TARUMÁ station for the CARNAUBA beamline at SIRIUS/LNLS. , 2019, , .		3
29	Strain driven monoclinic distortion of ultrathin CoO films in the exchange-coupled CoO/FePt/Pt(O ₂) system. Journal of Physics Condensed Matter, 2015, 27, 085001.	1.8	2
30	Growth and properties of CoO/Fe perpendicular exchange coupled ultra-thin films. Journal of Magnetism and Magnetic Materials, 2017, 443, 195-201.	2.3	2
31	Flexible optical layouts based on cylindrical mirrors with sagittal curvature for high-stability beamlines. , 2020, , .		0