

Isabel Tarroso Gomes

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

248
citations

1040056

9
h-index

940533

16
g-index

26
all docs

26
docs citations

26
times ranked

417
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic liposomes based on nickel ferrite nanoparticles for biomedical applications. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 18011-18021.	2.8	54
2	Magnetoliposomes based on manganese ferrite nanoparticles as nanocarriers for antitumor drugs. <i>RSC Advances</i> , 2016, 6, 17302-17313.	3.6	44
3	Giant negative thermal expansion at the nanoscale in the multifunctional material $Gd_5Si_2Ge_7$. <i>Physical Review B</i> , 2019, 100, 104407.	3.2	24
4	Phase Competitions behind the Giant Magnetic Entropy Variation: $Gd_5Si_2Ge_7$ and $Tb_5Si_2Ge_7$ Case Studies. <i>Entropy</i> , 2014, 16, 3813-3831.	2.2	19
5	Structural and magnetic characterization of $LaSrMnO_3$ thin films deposited by laser ablation on MgO substrates. <i>Journal of Magnetism and Magnetic Materials</i> , 2010, 322, 1174-1177.	2.3	16
6	Structure and dielectric characterization of a new A-site deficient $La_{5/3}MgTaO_6$ perovskite. <i>Journal of Solid State Chemistry</i> , 2007, 180, 41-48.	2.9	14
7	Magnetoliposomes based on nickel/silica core/shell nanoparticles: Synthesis and characterization. <i>Materials Chemistry and Physics</i> , 2014, 148, 978-987.	4.0	13
8	Annealing influence on the magnetostructural transition in $Gd_5Si_{1.3}Ge_{2.7}$ thin films. <i>Materials Letters</i> , 2015, 159, 301-304.	2.6	11
9	Stress induced magnetic anisotropy on $BaTiO_3/CoFe_2O_4$ nanogranular composite thin films. <i>Journal of Non-Crystalline Solids</i> , 2008, 354, 5250-5252.	3.1	10
10	Suppression of magnetostructural transition on $GdSiGe$ thin film after thermal cyclings. <i>Thin Solid Films</i> , 2017, 621, 247-252.	1.8	8
11	The visible and near IR photoluminescent response of nc-Si:Er thin films produced by rf sputtering. <i>Nanotechnology</i> , 2004, 15, 802-806.	2.6	4
12	Infrared reflectivity study of the phase transitions in sodium ammonium sulfate dihydrate. <i>Journal of Physics Condensed Matter</i> , 2006, 18, 7761-7778.	1.8	4
13	Phase transition sequence of betaine arsenate investigated by infrared reflectivity. <i>Vibrational Spectroscopy</i> , 2009, 50, 198-208.	2.2	4
14	Unravelling the effect of $SrTiO_3$ antiferrodistortive phase transition on the magnetic properties of $La_{0.7}Sr_{0.3}MnO_3$ thin films. <i>Journal Physics D: Applied Physics</i> , 2014, 47, 435002.	2.8	4
15	High-Field Magnetoresistance of $La_{0.67}Sr_{0.33}MnO_3$ Thin Films Deposited on $LiNbO_3$ Substrates. <i>Journal of Low Temperature Physics</i> , 2010, 159, 156-159.	1.4	3
16	Structural and dielectric properties of laser ablated $BaTiO_3$ films deposited over electrophoretically dispersed $CoFe_2O_4$ grains. <i>Journal of Applied Physics</i> , 2014, 116, 164112.	2.5	3
17	Synthesis, structural and magnetic characterization of lead-metaniobate/cobalt-ferrite nanocomposite films deposited by pulsed laser ablation. <i>Applied Physics A: Materials Science and Processing</i> , 2015, 118, 275-281.	2.3	3
18	$La_{2/3}Sr_{1/3}MnO_3$ thin films deposited by laser ablation on lithium niobate substrates. <i>Journal of Physics: Conference Series</i> , 2010, 200, 052007.	0.4	2

#	ARTICLE	IF	CITATIONS
19	Controlling thermal failure of silicon field emitters in a commercial X-ray source. , 2018, , .		2
20	The infrared dielectric tensor and axial dispersion in caesium L-malate monohydrate. Journal of Physics Condensed Matter, 2007, 19, 176225.	1.8	1
21	Pr _{0.5} Ca _{0.5} MnO ₃ thin films deposited on LiNbO ₃ substrates. EPJ Web of Conferences, 2013, 40, 15010.	0.3	1
22	On the Growth and Physical-chemical Characterization of Tb ₅ Si ₂ Ge ₂ Thin Films Produced by Electron-beam Evaporation. Materials Today: Proceedings, 2015, 2, 26-32.	1.8	1
23	Infrared reflectivity investigation of the phase transition sequence in Pr _{0.5} Ca _{0.5} MnO ₃ . Journal of Magnetism and Magnetic Materials, 2016, 408, 81-88.	2.3	1
24	Ordered La _{0.7} Sr _{0.3} MnO ₃ nanohole arrays fabricated on a nanoporous alumina template by pulsed laser ablation. Nanotechnology, 2016, 27, 125303.	2.6	1
25	Evolution of two-step magnetic transition on nanogranular Gd ₅ Si _{1.3} Ge _{2.7} thin film. Journal of Physics Condensed Matter, 2020, 32, 265401.	1.8	1