

Isabel Tarroso Gomes

List of Publications by Year in descending order

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26
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417
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Giant negative thermal expansion at the nanoscale in the multifunctional material $Gd_5Si_{1.3}Ge_{2.7}$. Physical Review B, 2019, 100, .	3.2	24
3	Controlling thermal failure of silicon field emitters in a commercial X-ray source. , 2018, , .		2
4	Suppression of magnetostructural transition on GdSiGe thin film after thermal cyclings. Thin Solid Films, 2017, 621, 247-252.	1.8	8
5	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
6	Magnetoliposomes based on manganese ferrite nanoparticles as nanocarriers for antitumor drugs. RSC Advances, 2016, 6, 17302-17313.	3.6	44
7	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
8	Annealing influence on the magnetostructural transition in Gd ₅ Si _{1.3} Ge _{2.7} thin films. Materials Letters, 2015, 159, 301-304.	2.6	11
9	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
10	Synthesis, structural and magnetic characterization of lead-metaniobate/cobalt-ferrite nanocomposite films deposited by pulsed laser ablation. Applied Physics A: Materials Science and Processing, 2015, 118, 275-281.	2.3	3
11	Magnetic liposomes based on nickel ferrite nanoparticles for biomedical applications. Physical Chemistry Chemical Physics, 2015, 17, 18011-18021.	2.8	54
12	Phase Competitions behind the Giant Magnetic Entropy Variation: Gd ₅ Si ₂ Ge ₂ and Tb ₅ Si ₂ Ge ₂ Case Studies. Entropy, 2014, 16, 3813-3831.	2.2	19
13	Structural and dielectric properties of laser ablated BaTiO ₃ films deposited over electrophoretically dispersed CoFe ₂ O ₄ grains. Journal of Applied Physics, 2014, 116, 164112.	2.5	3
14	Magnetoliposomes based on nickel/silica core/shell nanoparticles: Synthesis and characterization. Materials Chemistry and Physics, 2014, 148, 978-987.	4.0	13
15	Unravelling the effect of SrTiO ₃ antiferrodistortive phase transition on the magnetic properties of La _{0.7} Sr _{0.3} MnO ₃ thin films. Journal Physics D: Applied Physics, 2014, 47, 435002.	2.8	4
16	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
17	High-Field Magnetoresistance of La _{0.67} Sr _{0.33} MnO ₃ Thin Films Deposited on LiNbO ₃ Substrates. Journal of Low Temperature Physics, 2010, 159, 156-159.	1.4	3
18	Structural and magnetic characterization of LaSrMnO ₃ thin films deposited by laser ablation on MgO substrates. Journal of Magnetism and Magnetic Materials, 2010, 322, 1174-1177.	2.3	16

#	ARTICLE	IF	CITATIONS
19	La _{2/3} Sr _{1/3} MnO ₃ thin films deposited by laser ablation on lithium niobate substrates. Journal of Physics: Conference Series, 2010, 200, 052007.	0.4	2
20	Phase transition sequence of betaine arsenate investigated by infrared reflectivity. Vibrational Spectroscopy, 2009, 50, 198-208.	2.2	4
21	Stress induced magnetic anisotropy on BaTiO ₃ CoFe ₂ O ₄ nanogranular composite thin films. Journal of Non-Crystalline Solids, 2008, 354, 5250-5252.	3.1	10
22	The infrared dielectric tensor and axial dispersion in caesium L-malate monohydrate. Journal of Physics Condensed Matter, 2007, 19, 176225.	1.8	1
23	Structure and dielectric characterization of a new A-site deficient La _{5/3} MgTaO ₆ perovskite. Journal of Solid State Chemistry, 2007, 180, 41-48.	2.9	14
24	Infrared reflectivity study of the phase transitions in sodium ammonium sulfate dihydrate. Journal of Physics Condensed Matter, 2006, 18, 7761-7778.	1.8	4
25	The visible and near IR photoluminescent response of nc-Si:Er thin films produced by rf sputtering. Nanotechnology, 2004, 15, 802-806.	2.6	4