

Lucas S Paixão

List of Publications by Year in descending order

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docs citations

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166
citing authors

#	ARTICLE	IF	CITATIONS
1	Giant Barocaloric Effects in Natural Rubber: A Relevant Step toward Solid-State Cooling. ACS Macro Letters, 2018, 7, 31-36.	4.8	35
2	Oscillating magnetocaloric effect of a multilayer graphene. Applied Physics Letters, 2014, 105, .	3.3	18
3	Giant Reversible Barocaloric Effects in Nitrile Butadiene Rubber around Room Temperature. ACS Applied Polymer Materials, 2019, 1, 1991-1997.	4.4	16
4	Unveiling the Origin of the Giant Barocaloric Effect in Natural Rubber. Macromolecules, 2020, 53, 2606-2615.	4.8	15
5	Oscillating adiabatic temperature change of 2D diamagnetic materials. Journal of Magnetism and Magnetic Materials, 2014, 368, 374-378.	2.3	14
6	Effects of Ga substitution on the structural and magnetic properties of half metallic Fe ₂ MnSi Heusler compound. Journal of Applied Physics, 2015, 117, 013902.	2.5	14
7	Oscillating magnetocaloric effect in quantum nanoribbons. Physica E: Low-Dimensional Systems and Nanostructures, 2015, 65, 44-50.	2.7	11
8	Magnetic and magnetocaloric properties of (Gd,Nd) ₅ Si ₄ compounds. Journal of Magnetism and Magnetic Materials, 2020, 493, 165693.	2.3	11
9	Spin state and magnetic ordering of half-doped $\text{Nd}_{2/3}\text{Mn}_{1/3}\text{O}_2$ cobaltite. Journal of Magnetism and Magnetic Materials, 2017, 422, 197-203.	2.3	9
10	Resistivity studies on the layered semi-metallic CaAl ₂ Si ₂ : evaluating its temperature-, field- and pressure-dependence. Journal of Physics Condensed Matter, 2011, 23, 245701.	1.8	2
11	High-field specific heat and entropy obtained from adiabatic temperature change. European Physical Journal Plus, 2021, 136, 1.	2.6	2
12	Mean field magnetization of gapped anisotropic multiplet. Physica B: Condensed Matter, 2014, 442, 95-99.	2.7	0
13	Synthesis, characterization and magnetic properties of a manganese (II) silicate containing frustrated S=5/2 zigzag ladders. Journal of Solid State Chemistry, 2014, 211, 130-135.	2.9	0