

# Luzeli M Da Silva

## List of Publications by Year in descending order

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35

papers

525

citations

687363

13

h-index

677142

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all docs

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docs citations

35

times ranked

659

citing authors

#	ARTICLE	IF	CITATIONS
1	Ambient pressure colossal magnetocaloric effect tuned by composition in $Mn_{1-x}Fe_xAs$ . <i>Nature Materials</i> , 2006, 5, 802-804.	27.5	197
2	Magnetic properties and magnetocaloric effect of the HoAgGa compound. <i>Applied Physics Letters</i> , 2013, 103, .	3.3	34
3	Magnetocaloric effect of the ternary Dy, Ho and Er platinum gallides. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 401, 1088-1092.	2.3	25
4	Magnetic and magnetocaloric properties of $DyMn_2Si_2$ compound with multiple magnetic phase transition. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 424, 84-88.	2.3	20
5	Anisotropic magnetocaloric effect in $ErGa_2$ and $HoGa_2$ single-crystals. <i>Journal of Alloys and Compounds</i> , 2014, 582, 461-465.	5.5	19
6	Moisture profile measurements of concrete samples in vertical water flow by gamma ray transmission method. <i>Radiation Physics and Chemistry</i> , 2001, 61, 567-569.	2.8	15
7	A General Approach to First Order Phase Transitions and the Anomalous Behavior of Coexisting Phases in the Magnetic Case. <i>Advanced Functional Materials</i> , 2009, 19, 942-949.	14.9	15
8	Study on the observation of $Eu^{2+}$ and $Eu^{3+}$ valence states in low silica calcium aluminosilicate glasses. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 055601.	1.8	15
9	EDXRF study of Tupi-Guarani archaeological ceramics. <i>Radiation Physics and Chemistry</i> , 2001, 61, 711-712.	2.8	14
10	Transport and magnetic properties of $Ce_2NiIn_3$ . <i>Journal of Alloys and Compounds</i> , 2007, 432, 34-38.	5.5	14
11	Study of the magnetocaloric properties of the antiferromagnetic compounds $RGa_2$ (R = Ce, Pr, Nd, Dy,) $T_J$ ETQq1 1 $\frac{0.784314}{1.8}$ $\frac{1gBT}{14}$ /Over		
12	Thermal annealing effects on the magnetic behavior of $Ce_2NiSi_3$ . <i>Journal of Magnetism and Magnetic Materials</i> , 2010, 322, 3192-3195.	2.3	13
13	Magnetocaloric effect and evidence of superparamagnetism in $GdA_{x-y}C_{y-z}$ nanocrystallites <sup>3,2</sup> . A magnetic-structural correlation. <i>Physical Review B</i> , 2016, 93, .		13
14	Time resolved thermal lens measurements of the thermo-optical properties of Nd <sub>2</sub> O <sub>3</sub> -doped low silica calcium aluminosilicate glasses down to 4.3K. <i>Journal of Non-Crystalline Solids</i> , 2008, 354, 574-579.	3.1	12
15	Low temperature properties of winterized methyl babassu biodiesel. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 115, 635-640.	3.6	12
16	Magnetic coupling between Gd and Pr ions and magnetocaloric effect in $Gd_0.5Pr_0.5Al_2$ compound. <i>Journal of Magnetism and Magnetic Materials</i> , 2009, 321, 3014-3018.	2.3	11
17	Large magnetocaloric effect in $ErCoSn$ driven by metamagnetic phase transition and short-range ferromagnetic correlations. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 492, 165653.	2.3	9
18	High pressure Raman spectra of L-glutamic acid hydrochloride crystal. <i>Vibrational Spectroscopy</i> , 2014, 72, 15-19.	2.2	8

#	ARTICLE	IF	CITATIONS
19	Influence of chemical doping and hydrostatic pressure on the magnetic properties of Mn <sub>1-x</sub> FexAs magnetocaloric compounds. <i>Physical Review B</i> , 2016, 93, .	3.2	8
20	Magnetization and specific heat in U <sub>1-x</sub> LaxGa <sub>2</sub> and magnetocaloric effect in UGa <sub>2</sub> . <i>Journal of Applied Physics</i> , 2005, 97, 10A921.	2.5	7
21	Study of ethylic Babassu biodiesel properties at low temperatures. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011, 106, 363-367.	3.6	7
22	Magnetocaloric effect investigation in the ferromagnetic Eu <sub>2</sub> CuSi <sub>3</sub> compound. <i>Intermetallics</i> , 2017, 88, 36-40.	3.9	7
23	Low temperature specific heat of doped and undoped glasses. <i>Journal of Non-Crystalline Solids</i> , 2006, 352, 3572-3576.	3.1	5
24	Structural disorder effects on the magnetic entropy change of DyCo <sub>2</sub> intermetallic: Mechanical milling and the weakening of the itinerant electron metamagnetism mechanism. <i>Intermetallics</i> , 2018, 94, 1-9.	3.9	5
25	Evidences for intermediate valence behavior in CeNi <sub>5</sub> In. <i>Journal of Alloys and Compounds</i> , 2005, 391, L5-L7.	5.5	4
26	Magnetic properties of U(Ga <sub>1-x</sub> M <sub>x</sub> ) <sub>2</sub> with M=Cu, Al and Ge. <i>Physica B: Condensed Matter</i> , 2002, 312-313, 906-908.	2.7	3
27	Thermodynamic and electronic transport properties of CeNiIn <sub>2</sub> . <i>Physica B: Condensed Matter</i> , 2004, 352, 372-377.	2.7	3
28	Magnetic and magnetocaloric properties on the U <sub>1-y</sub> RyGa <sub>2</sub> (R=Er and Dy) compound. <i>Journal of Applied Physics</i> , 2008, 103, 07B308.	2.5	3
29	A study of pressure and chemical substitution effects on the magnetocaloric properties of the ferromagnetic compound UGa <sub>2</sub> . <i>Journal of Physics Condensed Matter</i> , 2009, 21, 276001.	1.8	3
30	Magnetic properties of the U <sub>1-x</sub> La <sub>x</sub> Pd <sub>2</sub> Ga <sub>3</sub> series of compounds. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, E1-E3.	2.3	2
31	Effect of the chemical substitution on the magnetic properties of UGe <sub>2</sub> . <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, E11-E12.	2.3	2
32	Evidence of mixed valence in single crystals. <i>Physica B: Condensed Matter</i> , 2008, 403, 946-947.	2.7	2
33	Magnetic properties of (Ce <sub>1-x</sub> La <sub>x</sub> )PdIn <sub>2</sub> . <i>Physica B: Condensed Matter</i> , 2009, 404, 3018-3020.	2.7	2
34	Time and temperature induced phase transformation in L- $\alpha$ -soleucine hydrochloride monohydrated crystal. <i>Crystal Research and Technology</i> , 2016, 51, 738-741.	1.3	2
35	Study of the magnetic and calorimetric properties of (U <sub>1-x</sub> R <sub>x</sub> )Cu <sub>5</sub> Al (R=La and Y). <i>Physica B: Condensed Matter</i> , 2009, 404, 3176-3178.	2.7	0