

Sandra da Silva Pedro

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Broadband photoluminescence in a ceramic (Mg ₂ SnO ₄ â€“SnO ₂):Cr ³⁺ system. SN Applied Sciences, 2021, 3, 1.	2.9	2
2	Zn ₂ TiO ₄ photoluminescence enhanced by the addition of Cr ³⁺ . SN Applied Sciences, 2020, 2, 1.	2.9	5
3	Unexpected photoluminescence from Mn ²⁺ in LiZnNbO ₄ . Optical Materials, 2020, 99, 109566.	3.6	9
4	Photoluminescence, Photoacoustic and Structural Characteristics of Polycrystalline Zn ₂ TiO ₄ : Ni ²⁺ Semiconductor. Materials Research, 2020, 23, .	1.3	5
5	Photoluminescence of Co ²⁺ ions in Mg ₂ SnO ₄ tetrahedral sites. Optical Materials, 2019, 95, 109202.	3.6	4
6	Photoluminescence of the Mg ₂ Al ₄ Si ₅ O ₁₈ -Al ₂ O ₃ -MgAl ₂ O ₄ -SiO ₂ ceramic system containing Fe ³⁺ and Cr ³⁺ as impurity ions. Optical Materials, 2018, 76, 353-358.	3.6	7
7	Preparation, structural properties and tunable photoluminescence of LiZnNbO ₄ :Co ²⁺ . Journal of Luminescence, 2017, 185, 55-60.	3.1	8
8	Optical and Structural Properties of Zn ₂ TiO ₄ :Mn ²⁺ . Journal of Electronic Materials, 2017, 46, 6848-6855.	2.2	11
9	Photoluminescence of divalent cobalt ions in tetrahedral sites of zinc orthotitanate. Journal of Alloys and Compounds, 2017, 720, 417-422.	5.5	7
10	Photoluminescence of the manganese ions on Mg ₂ Si ₂ O ₆ -Mg ₂ SiO ₄ compounds. Journal of Luminescence, 2017, 182, 39-44.	3.1	7
11	Niobium-gallium oxide with a high concentration of Cr ³⁺ ions: Photoluminescence and structural characteristics. Optical Materials, 2016, 60, 506-512.	3.6	3
12	Investigation on the structural and photoluminescent properties of chromium-doped ceramics cordierite. Optical Materials, 2016, 60, 188-195.	3.6	8
13	Chemical disorder determines the deviation of the Slaterâ€“Pauling rule for Fe ₂ MnSi-based Heusler alloys: evidences from neutron diffraction and density functional theory. Journal of Physics Condensed Matter, 2016, 28, 476002.	1.8	6
14	Magnetocaloric functional properties of $\text{Sm}_{0.6}\text{MnSi}$ manganese due to advanced nanostructured morp. Materials Chemistry and Physics, 2016, 172, 20-25.	4.0	11
15	Experimental evidences of enhanced magnetocaloric properties at room temperature and half-metallicity on Fe ₂ MnSi-based Heusler alloys. Materials Chemistry and Physics, 2016, 174, 23-27.	4.0	11
16	Magnetic and magnetocaloric properties of La _{0.6} Ca _{0.4} MnO ₃ tunable by particle size and dimensionality. Acta Materialia, 2016, 102, 49-55.	7.9	71
17	Structural and photoluminescent properties of the MgGa ₂ O ₄ :Co ²⁺ ceramic compound revisited after two decades. Journal of Advanced Ceramics, 2015, 4, 267-271.	17.4	6
18	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

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19	<p>http://www.w3.org/1998/Math/MathML: $CsNaAlCr_2F_6$: A family of compounds presenting magnetocaloric effect. <i>Physical Review B</i>, 2014, 90.</p>	3.2	5
20	New manganese (II) structures derived from 2,6-dichlorobenzoic acid: Syntheses, crystal structures and magnetism. <i>Materials Chemistry and Physics</i> , 2014, 147, 611-616.	4.0	5
21	Magnetic and structural investigations on La _{0.6} Sr _{0.4} MnO ₃ nanostructured manganite: Evidence of a ferrimagnetic shell. <i>Journal of Solid State Chemistry</i> , 2014, 219, 87-92.	2.9	21
22	A new metal organic framework constructed of Co(II) ions six and seven-coordinated: Synthesis, structure and magnetism. <i>Polyhedron</i> , 2014, 81, 210-215.	2.2	12
23	Effects of Cr ³⁺ concentration on the optical properties of Cs ₂ NaAlF ₆ single crystals. <i>Journal of Luminescence</i> , 2013, 134, 100-106.	3.1	18
24	Cr ³⁺ impurity concentration and excitation dependences of magnesium gallate spinel photoluminescent data. <i>Journal of Alloys and Compounds</i> , 2010, 492, 282-285.	5.5	12
25	Photoluminescence and Photoacoustic Spectroscopies of Fe ³⁺ in the LiGa ₅ O ₈ –LiGaSiO ₄ –Li ₅ GaSi ₂ O ₈ System. <i>Journal of Fluorescence</i> , 2009, 19, 211-219.	2.5	20
26	Preparation, structure analysis and photoluminescence properties of MgGa ₂ O ₄ :Mn ²⁺ . <i>Optical Materials</i> , 2009, 31, 1620-1627.	3.6	79
27	Fe ³⁺ concentration dependence of photoacoustic absorption spectroscopy on ZnGa ₂ O ₄ ceramic powders. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 69, 338-342.	3.9	12
28	Propriedades Ópticas de amostras policristalinas LiGaSiO ₄ contendo Fe ³⁺ como impureza substitucional. <i>Revista Materia</i> , 2006, 11, 252-259.	0.2	0
29	Polycrystalline Compound of Co ²⁺ -doped Zn ₂ SnO ₄ : Structural and Photoluminescent Properties. <i>Materials Research</i> , 0, 25, .	1.3	2