

Suryanarayan Dash

List of Publications by Year in descending order

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papers

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33
times ranked

305
citing authors

#	ARTICLE	IF	CITATIONS
1	Insights into structural and spectroscopic characterization of Sm ³⁺ doped orange rich red emitting CsMgPO ₄ phosphors. Journal of Rare Earths, 2022, 40, 1837-1848.	4.8	18
2	Structural, dielectric and magnetic studies of modified strontium hexaferrite. Materials Today: Proceedings, 2022, 62, 6018-6021.	1.8	3
3	Synthesis, Judd-Ofelt analysis and energy transfer mechanism in $\hat{\Gamma}^2$ -NaYGdF ₄ :Eu ³⁺ microphosphors. Journal of Molecular Structure, 2022, , 133446.	3.6	4
4	Influence of Eu ³⁺ on the Structure and Photophysical Properties in (Y,Gd)F ₃ Nanophosphors. Journal of Fluorescence, 2021, 31, 129-139.	2.5	5
5	Doping-Induced Modifications in the Magneto-electronic Properties in LaFeO ₃ Nanoparticles. Journal of Superconductivity and Novel Magnetism, 2020, 33, 1593-1602.	1.8	1
6	Probing structural and photophysical features of Eu ³⁺ activated NaCdPO ₄ orthophosphate phosphor. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 240, 118593.	3.9	29
7	Dy ³⁺ Activated Nearly White Emitting NaCdPO ₄ as Potential Phosphors for Solid State Light Applications. Journal of Electronic Materials, 2020, 49, 2463-2470.	2.2	6
8	Chemical pressure induced substantial negative exchange bias on zero field cooled nanocrystalline LaFeO ₃ . Materials Research Express, 2020, 7, 016108.	1.6	3
9	Influence of Zn(II) on the structure, magnetic and dielectric dynamics of nano-LaFeO ₃ . Journal of Materials Science: Materials in Electronics, 2020, 31, 4542-4553.	2.2	10
10	Tunable luminescence of Eu ³⁺ activated CaWO ₄ nanophosphors via Bi ³⁺ incorporation. Luminescence, 2020, 35, 1068-1076.	2.9	12
11	Bi ³⁺ sensitized Mg, Mn co-doped La ₂ LiSbO ₆ phosphors for smart agriculture and horticulture LEDs applications :A spectroscopic perspective. AIP Conference Proceedings, 2020, , .	0.4	0
12	Luminescent properties of Sm ³⁺ activated $\hat{\Gamma}^2$ -NaYF ₄ microcrystals. AIP Conference Proceedings, 2020, , .	0.4	0
13	Influence of Li ⁺ co-doping on structural and luminescent properties of Dy ³⁺ activated CaMoO ₄ phosphors. AIP Conference Proceedings, 2020, , .	0.4	0
14	Substitution induced magnetic phase transitions and related electrical conduction mechanisms in LaFeO ₃ nanoparticle. Journal of Applied Physics, 2019, 126, .	2.5	13
15	Structure, morphology and luminescent properties in Eu ³⁺ activated (Y,Gd)F ₃ nanophosphors. AIP Conference Proceedings, 2019, , .	0.4	1
16	Photoluminescence signature in Eu ³⁺ ion doped NaCdPO ₄ phosphors for white LEDs application. AIP Conference Proceedings, 2019, , .	0.4	0
17	Structural, microstructure and impedance spectroscopy analysis of Zn ²⁺ doped LaFeO ₃ nanoparticles. AIP Conference Proceedings, 2019, , .	0.4	4
18	Structural and luminescent properties in YVO ₄ :Dy ³⁺ Bi ³⁺ phosphors. AIP Conference Proceedings, 2019, , .	0.4	0

#	ARTICLE	IF	CITATIONS
19	Structural, magnetic, grain and grain boundary mediated conduction features of low dimensional LaFeO ₃ nanoparticles. Journal of Physics Condensed Matter, 2019, 31, 345803.	1.8	6
20	Structural, magnetic and impedance spectroscopic analysis of LaFeO ₃ nano-particles. AIP Conference Proceedings, 2018, , .	0.4	0
21	Giant dielectric response in (Sr, Sb) codoped CaCu ₃ Ti ₄ O ₁₂ ceramics: A novel approach. AIP Conference Proceedings, 2018, , .	0.4	1
22	Resistivity correlated field driven dielectric behavior of a charge ordered system: Pr _{0.75} Na _{0.25} MnO ₃ . AIP Conference Proceedings, 2018, , .	0.4	0
23	Effect of dilute magnetic ions on the optical, dielectric and ferroelectric properties of PZT at morphotopic phase boundary. AIP Conference Proceedings, 2018, , .	0.4	0
24	Evolution of ferromagnetism in charge ordered manganite: An effect of external pressure. AIP Conference Proceedings, 2018, , .	0.4	0
25	Structural and photoluminescence behavior of thermally stable Eu ³⁺ activated CaWO ₄ nanophosphors via Li ⁺ incorporation. Journal of Molecular Structure, 2017, 1149, 426-431.	3.6	17
26	Magnetodielectric response of coexisting phases in half doped manganites. Journal of Applied Physics, 2013, 113, 17D912.	2.5	6
27	Hydroxyapatite and Hydroxyapatite-Chitosan Composite from Crab Shell. Journal of Biomaterials and Tissue Engineering, 2013, 3, 653-657.	0.1	9
28	Tuning the austenite and martensite phase fraction in ferromagnetic shape memory alloy ribbons of Ni ₄₅ Co ₅ Mn ₃₈ Sn ₁₂ . Applied Physics Letters, 2011, 99, .	3.3	24
29	Polyaniline/CoFe ₂ O ₄ nanocomposites: A novel synthesis, characterization and magnetic properties. Synthetic Metals, 2011, 161, 2306-2311.	3.9	61
30	Relating field-induced shift in transition temperature to the kinetics of coexisting phases in magnetic shape memory alloys. Solid State Communications, 2011, 151, 971-975.	1.9	20
31	Influence of Bi substitution on microwave dielectric properties of BaOâ€“La ₂ O ₃ â€“Sm ₂ O ₃ â€“TiO ₂ ceramics. Journal of Materials Science: Materials in Electronics, 2010, 21, 1186-1190.	2.2	8
32	Effect of simultaneous application of magnetic field and pressure on magnetic transitions in La _{0.5} Ca _{0.5} MnO ₃ . Physical Review B, 2010, 82, .	3.2	16
33	On the field induced reentrant transition in Nd _{0.5} Sr _{0.5} MnO ₃ . Solid State Communications, 2008, 148, 336-339.	1.9	4