

Bn Lakshminarasappa

List of Publications by Year in descending order

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papers

658
citations

623734

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all docs

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docs citations

29
times ranked

505
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermoluminescence behavior of gamma irradiated Y ₂ O ₃ :Sm ³⁺ nanophosphor. Journal of Luminescence, 2021, 232, 117855.	3.1	8
2	Influence of lithium on structure and optical properties of lanthanum doped yttrium oxide thin films. Inorganic Chemistry Communication, 2020, 119, 108098.	3.9	1
3	Photoluminescence and thermoluminescence studies of 100 eV Si ⁸⁺ ion irradiated Y ₂ O ₃ :Dy ³⁺ nanophosphor. Journal of Luminescence, 2019, 209, 179-187.	3.1	6
4	Thermoluminescence response in ⁶⁰ Co gamma rays, 100 eV Si ⁸⁺ and 150 eV Au ⁹⁺ irradiated Y ₂ O ₃ :Ho ³⁺ nanophosphor. Journal of Alloys and Compounds, 2019, 778, 554-565.	5.5	9
5	Photoluminescence, thermoluminescence and defect centres in Y ₂ O ₃ and Y ₂ O ₃ :Tb ³⁺ under 100 eV swift Ni ⁸⁺ ion beam irradiation. Materials Research Bulletin, 2018, 102, 62-69.	5.2	9
6	Effect of lithium incorporation on luminescence properties of nanostructured Y ₂ O ₃ :Sm ³⁺ thin films. Journal of Analytical and Applied Pyrolysis, 2017, 123, 229-236.	5.5	10
7	Synthesis characterization and luminescence studies of gamma irradiated nanocrystalline yttrium oxide. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 154, 220-231.	3.9	56
8	Ion beam induced luminescence studies of sol gel derived Y ₂ O ₃ :Dy ³⁺ nanophosphors. Journal of Luminescence, 2016, 169, 627-634.	3.1	18
9	Role of Li ion on luminescence performance of yttrium oxide thin films. Dyes and Pigments, 2015, 121, 221-226.	3.7	12
10	Thermoluminescence of sol-gel derived Y ₂ O ₃ :Nd ³⁺ nanophosphor exposed to 100 MeV Si ⁸⁺ ions and gamma rays. Journal of Alloys and Compounds, 2015, 637, 564-573.	5.5	28
11	Luminescence performance of europium-doped yttrium oxide thin films. Journal of Luminescence, 2015, 157, 63-68.	3.1	10
12	Synthesis characterization and luminescence studies of 100 MeV Si ⁸⁺ ion irradiated sol gel derived nanocrystalline Y ₂ O ₃ . Nuclear Instruments & Methods in Physics Research B, 2014, 329, 40-47.	1.4	33
13	Thermoluminescence studies of ⁶⁰ Co-irradiated nanocrystalline Y ₃ Al ₅ O ₁₂ . Radiation Effects and Defects in Solids, 2014, 169, 696-705.	1.2	5
14	Luminescence studies of 100 eV Si ⁸⁺ ion irradiated nanocrystalline Y ₂ O ₃ . Radiation Measurements, 2014, 71, 518-523.	1.4	15
15	Luminescence studies of europium doped yttrium oxide nano phosphor. Sensors and Actuators B: Chemical, 2012, 173, 234-238.	7.8	47
16	100 MeV Si ⁸⁺ ion induced luminescence and thermoluminescence of nanocrystalline Mg ₂ SiO ₄ :Eu ³⁺ . Journal of Luminescence, 2012, 132, 3093-3097.	3.1	52
17	Morphology and optical properties of Mg and Sr doped CaF ₂ nanocrystals. Optics Communications, 2012, 285, 2739-2742.	2.1	4
18	Thermoluminescence of combustion synthesized yttrium oxide. Powder Technology, 2012, 217, 7-10.	4.2	40

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19	Photoluminescence and thermoluminescence studies of Mg ₂ SiO ₄ :Eu ³⁺ nano phosphor. Journal of Alloys and Compounds, 2011, 509, 10185-10189.	5.5	115
20	Thermoluminescence studies of solution combustion synthesized Y ₂ O ₃ :Nd ³⁺ nanophosphor. Materials Chemistry and Physics, 2011, 130, 175-178.	4.0	20
21	Ionoluminescence studies of combustion synthesized Dy ³⁺ doped nano crystalline forsterite. Current Applied Physics, 2011, 11, 1274-1277.	2.4	33
22	Luminescence studies on swift heavy ion irradiated nanocrystalline aluminum oxide. Journal of Luminescence, 2011, 131, 764-767.	3.1	13
23	Optical studies of samarium-doped fluoride nanoparticles. Philosophical Magazine, 2011, 91, 4486-4494.	1.6	8
24	Determination of the chemical states of impurities in natural kyanite by the ionoluminescence technique. Philosophical Magazine, 2009, 89, 995-1004.	1.6	14
25	Thermoluminescence studies in swift heavy ion irradiated aluminum oxide. Radiation Measurements, 2008, 43, S651-S655.	1.4	46
26	Ionoluminescence and photoluminescence studies of Ag ⁸⁺ ion irradiated kyanite. Journal of Luminescence, 2008, 128, 7-10.	3.1	16
27	Spectroscopic studies of swift heavy ion irradiated nanophase mullite. Nuclear Instruments & Methods in Physics Research B, 2006, 244, 31-33.	1.4	6
28	Photoluminescence studies in swift heavy ion bombarded mullite. Nuclear Instruments & Methods in Physics Research B, 2003, 211, 545-548.	1.4	18
29	Thermoluminescence studies of Si ⁸⁺ ion irradiated kyanite. Radiation Measurements, 2003, 36, 653-655.	1.4	6