

Bn Lakshminarasappa

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10832574/publications.pdf>

Version: 2024-02-01

29
papers

658
citations

623734

14
h-index

552781

26
g-index

29
all docs

29
docs citations

29
times ranked

505
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	100MeV 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
4	Luminescence studies of europium doped yttrium oxide nano phosphor. Sensors and Actuators B: Chemical, 2012, 173, 234-238.	7.8	47
5	Thermoluminescence studies in swift heavy ion irradiated aluminum oxide. Radiation Measurements, 2008, 43, S651-S655.	1.4	46
6	Thermoluminescence of combustion synthesized yttrium oxide. Powder Technology, 2012, 217, 7-10.	4.2	40
7	Ionoluminescence studies of combustion synthesized Dy ³⁺ doped nano crystalline forsterite. Current Applied Physics, 2011, 11, 1274-1277.	2.4	33
8	Synthesis characterization and luminescence studies of 100MeV 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
9	Thermoluminescence of sol-gel derived Y ₂ O ₃ :Nd ³⁺ nanophosphor exposed to 100MeV Si ⁸⁺ ions and gamma rays. Journal of Alloys and Compounds, 2015, 637, 564-573.	5.5	28
10	Thermoluminescence studies of solution combustion synthesized Y ₂ O ₃ :Nd ³⁺ nanophosphor. Materials Chemistry and Physics, 2011, 130, 175-178.	4.0	20
11	Photoluminescence studies in swift heavy ion bombarded mullite. Nuclear Instruments & Methods in Physics Research B, 2003, 211, 545-548.	1.4	18
12	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
13	Ionoluminescence and photoluminescence studies of Ag ⁸⁺ ion irradiated kyanite. Journal of Luminescence, 2008, 128, 7-10.	3.1	16
14	Luminescence studies of 100MeV Si ⁸⁺ ion irradiated nanocrystalline Y ₂ O ₃ . Radiation Measurements, 2014, 71, 518-523.	1.4	15
15	Determination of the chemical states of impurities in natural kyanite by the ionoluminescence technique. Philosophical Magazine, 2009, 89, 995-1004.	1.6	14
16	Luminescence studies on swift heavy ion irradiated nanocrystalline aluminum oxide. Journal of Luminescence, 2011, 131, 764-767.	3.1	13
17	Role of Li ion on luminescence performance of yttrium oxide thin films. Dyes and Pigments, 2015, 121, 221-226.	3.7	12
18	Luminescence performance of europium-doped yttrium oxide thin films. Journal of Luminescence, 2015, 157, 63-68.	3.1	10

#	ARTICLE	IF	CITATIONS
19	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
20	Photoluminescence, thermoluminescence and defect centres in Y ₂ O ₃ and Y ₂ O ₃ :Tb ³⁺ under 100 keV MeV swift Ni ⁸⁺ ion beam irradiation. Materials Research Bulletin, 2018, 102, 62-69.	5.2	9
21	Thermoluminescence response in ⁶⁰ Co gamma rays, 100 keV MeV Si ⁸⁺ and 150 keV MeV Au ⁹⁺ irradiated Y ₂ O ₃ :Ho ³⁺ nanophosphor. Journal of Alloys and Compounds, 2019, 778, 554-565.	5.5	9
22	Optical studies of samarium-doped fluoride nanoparticles. Philosophical Magazine, 2011, 91, 4486-4494.	1.6	8
23	Thermoluminescence behavior of gamma irradiated Y ₂ O ₃ :Sm ³⁺ nanophosphor. Journal of Luminescence, 2021, 232, 117855.	3.1	8
24	Thermoluminescence studies of Si ⁸⁺ ion irradiated kyanite. Radiation Measurements, 2003, 36, 653-655.	1.4	6
25	Spectroscopic studies of swift heavy ion irradiated nanophase mullite. Nuclear Instruments & Methods in Physics Research B, 2006, 244, 31-33.	1.4	6
26	Photoluminescence and thermoluminescence studies of 100 keV MeV Si ⁸⁺ ion irradiated Y ₂ O ₃ :Dy ³⁺ nanophosphor. Journal of Luminescence, 2019, 209, 179-187.	3.1	6
27	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
28	Morphology and optical properties of Mg and Sr doped CaF ₂ nanocrystals. Optics Communications, 2012, 285, 2739-2742.	2.1	4
29	Influence of lithium on structure and optical properties of lanthanum doped yttrium oxide thin films. Inorganic Chemistry Communication, 2020, 119, 108098.	3.9	1