

Nandkumar T Mandlik

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Study of optically stimulated luminescence and calculation of trapping parameters of K ₂ Ca ₂ (SO ₄) ₃ :Eu nanophosphor. Applied Radiation and Isotopes, 2021, 167, 109388.	1.5	6
2	Study of luminescence characteristics of K ₂ Ca ₂ (SO ₄) ₃ :Eu microphosphor by electron and gamma irradiation. AIP Conference Proceedings, 2021, , .	0.4	1
3	Effects of 6â€¦MeV energy electrons on lattice parameters of CaSO ₄ :Eu nanophosphor. AIP Conference Proceedings, 2021, , .	0.4	0
4	Thermoluminescence in Eu doped NaLi ₂ PO ₄ TLD nanophosphor: Effect of particle size on TL characteristics. Journal of Luminescence, 2021, 238, 118207.	3.1	7
5	Luminescence and dosimetric characteristics of microcrystalline SrB ₄ O ₇ :Eu ³⁺ synthesized by solid state diffusion method. Journal of Radioanalytical and Nuclear Chemistry, 2021, 330, 1397.	1.5	0
6	Synthesis of nanocrystalline Al ₂ O ₃ :C by thermal plasma reactor for radiation dosimetry applications. Journal of Radioanalytical and Nuclear Chemistry, 2021, 330, 1533.	1.5	2
7	Effect of annealing temperature and phase change on thermoluminescence and photoluminescence of K ₂ Ca ₂ (SO ₄) ₃ :Eu nanophosphor. Nuclear Instruments & Methods in Physics Research B, 2020, 480, 105-114.	1.4	11
8	Characteristics of K ₂ Ca ₂ (SO ₄) ₃ :Eu TLD nanophosphor for its applications in electron and gamma rays dosimetry. Optical Materials, 2020, 109, 110272.	3.6	7
9	Effect of size variation and gamma irradiation on thermoluminescence and photoluminescence characteristics of CaSO ₄ :Eu micro- and nanophosphors. Applied Radiation and Isotopes, 2020, 159, 109080.	1.5	12
10	Thermoluminescence, photoluminescence and optically stimulated luminescence characteristics of CaSO ₄ :Eu phosphor: Experimental and density functional theory (DFT) investigations. Journal of Luminescence, 2020, 221, 117051.	3.1	14
11	Luminescence and dosimetric characteristics of nanocrystalline Al ₂ O ₃ :C synthesized by thermal plasma reactor. Nuclear Instruments & Methods in Physics Research B, 2020, 466, 90-101.	1.4	7
12	Thermoluminescence studies of CaSO ₄ :Dy nanophosphor for application in high dose measurements. Applied Radiation and Isotopes, 2019, 148, 253-261.	1.5	15
13	Thermoluminescence of nanocrystalline CaSO ₄ : Dy for gamma dosimetry and calculation of trapping parameters using deconvolution method. , 2014, , .		1
14	Study of TL and optically stimulated luminescence of K ₂ Ca ₂ (SO ₄) ₃ :Cu nanophosphor for radiation dosimetry. Journal of Luminescence, 2014, 146, 128-132.	3.1	41
15	Thermoluminescence study of K ₂ Ca ₂ (SO ₄) ₃ :Cu nanophosphor for gamma ray dosimetry. Nuclear Instruments & Methods in Physics Research B, 2013, 315, 273-277.	1.4	14