

Nandkumar T Mandlik

List of Publications by Year in descending order

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15
papers

138
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1307594

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1199594

12
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78
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of TL and optically stimulated luminescence of $K_2Ca_2(SO_4)_3:Cu$ nanophosphor for radiation dosimetry. <i>Journal of Luminescence</i> , 2014, 146, 128-132.	3.1	41
2	Thermoluminescence studies of $CaSO_4:Dy$ nanophosphor for application in high dose measurements. <i>Applied Radiation and Isotopes</i> , 2019, 148, 253-261.	1.5	15
3	Thermoluminescence study of $K_2Ca_2(SO_4)_3:Cu$ nanophosphor for gamma ray dosimetry. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2013, 315, 273-277.	1.4	14
4	Thermoluminescence, photoluminescence and optically stimulated luminescence characteristics of $CaSO_4:Eu$ phosphor: Experimental and density functional theory (DFT) investigations. <i>Journal of Luminescence</i> , 2020, 221, 117051.	3.1	14
5	Effect of size variation and gamma irradiation on thermoluminescence and photoluminescence characteristics of $CaSO_4:Eu$ micro- and nanophosphors. <i>Applied Radiation and Isotopes</i> , 2020, 159, 109080.	1.5	12
6	Effect of annealing temperature and phase change on thermoluminescence and photoluminescence of $K_2Ca_2(SO_4)_3:Eu$ nanophosphor. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2020, 480, 105-114.	1.4	11
7	Characteristics of $K_2Ca_2(SO_4)_3:Eu$ TLD nanophosphor for its applications in electron and gamma rays dosimetry. <i>Optical Materials</i> , 2020, 109, 110272.	3.6	7
8	Luminescence and dosimetric characteristics of nanocrystalline $Al_2O_3:C$ synthesized by thermal plasma reactor. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2020, 466, 90-101.	1.4	7
9	Thermoluminescence in Eu doped $NaLi_2PO_4$ TLD nanophosphor: Effect of particle size on TL characteristics. <i>Journal of Luminescence</i> , 2021, 238, 118207.	3.1	7
10	Study of optically stimulated luminescence and calculation of trapping parameters of $K_2Ca_2(SO_4)_3:Eu$ nanophosphor. <i>Applied Radiation and Isotopes</i> , 2021, 167, 109388.	1.5	6
11	Synthesis of nanocrystalline $Al_2O_3:C$ by thermal plasma reactor for radiation dosimetry applications. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 330, 1533.	1.5	2
12	Thermoluminescence of nanocrystalline $CaSO_4: Dy$ for gamma dosimetry and calculation of trapping parameters using deconvolution method. , 2014, , .		1
13	Study of luminescence characteristics of $K_2Ca_2(SO_4)_3:Eu$ microphosphor by electron and gamma irradiation. <i>AIP Conference Proceedings</i> , 2021, , .	0.4	1
14	Effects of $6\hat{a}€\dots MeV$ energy electrons on lattice parameters of $CaSO_4:Eu$ nanophosphor. <i>AIP Conference Proceedings</i> , 2021, , .	0.4	0
15	Luminescence and dosimetric characteristics of microcrystalline $SrB_4O_7:Eu^{3+}$ synthesized by solid state diffusion method. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 330, 1397.	1.5	0