

Ratnesh Tiwari

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

190
citations

1040056

9
h-index

1058476

14
g-index

21
all docs

21
docs citations

21
times ranked

180
citing authors

#	ARTICLE	IF	CITATIONS
1	A review reports on rare earth activated AZrO ₃ (A = Ba, Ca, Sr) phosphors for display and sensing applications. <i>Optik</i> , 2018, 157, 365-381.	2.9	36
2	Thermoluminescence studies of UV-irradiated Y ₂ O ₃ :Eu ³⁺ doped phosphor. <i>Research on Chemical Intermediates</i> , 2013, 39, 3919-3923.	2.7	25
3	Infrared spectroscopy and upconversion luminescence behaviour of erbium doped yttrium (III) oxide phosphor. <i>Infrared Physics and Technology</i> , 2014, 67, 537-541.	2.9	23
4	Estimation of spectroscopic parameters and colour purity of the red-light-emitting YBa ₃ B ₉ O ₁₈ phosphor: Juddâ€“Ofelt approach. <i>Journal of Luminescence</i> , 2016, 180, 169-176.	3.1	21
5	Experimental and Theoretical Studies of Green Synthesized Cu ₂ O Nanoparticles Using Datura Metel L. <i>Journal of Fluorescence</i> , 2022, 32, 559-568.	2.5	14
6	Optical behaviour of cadmium and mercury free eco-friendly lamp nanophosphor for display devices. <i>Results in Physics</i> , 2014, 4, 63-68.	4.1	13
7	Optical Studies of Erbium and Ytterbium Doped Gd ₂ Zr ₂ O ₇ Phosphor for Display and Optical Communication Applications. <i>Journal of Display Technology</i> , 2016, 12, 1224-1228.	1.2	13
8	Fracture-mechanoluminescence induced by impulsive deformation of IIâ€“VI semiconductors. <i>Luminescence</i> , 2015, 30, 883-890.	2.9	12
9	Mechano and photoluminescence spectra of cadmium sulphide and cadmium selenide doped phosphors. <i>Optik</i> , 2016, 127, 7958-7966.	2.9	12
10	Synthesis, characterization and luminescence studies of rare earth activated Sr ₂ SiO ₄ phosphor: a review. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 4391-4401.	2.2	6
11	Thermoluminescence Studies of ¹²⁵ I and ¹³⁷ I-Irradiated Geological Materials for Environment Monitoring. <i>Journal of Fluorescence</i> , 2020, 30, 819-825.	2.5	5
12	Effect of various cerium ion percentages on photoluminescence and themoluminescence study of CaY ₂ O ₄ phosphor. <i>Journal of Display Technology</i> , 2015, , 1-1.	1.2	3
13	Thermoluminescence and Photoluminescence Study of Erbium Doped CaY ₂ O ₄ Phosphor. <i>Indian Journal of Materials Science</i> , 2015, 2015, 1-5.	0.6	2
14	Thermo, Photo and Mechanoluminescence Studies of Eu ³⁺ Doped Y ₄ Al ₂ O ₉ Phosphors. <i>Advances in Chemical and Materials Engineering Book Series</i> , 0, , 389-414.	0.3	1
15	Calculation of kinetic data and thermoluminescence studies of (Zn, Cd)S mixed phosphor. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2015, 118, 739-741.	0.6	0
16	Thermoluminescence glow curve analysis and CGCD method for erbium doped CaZrO ₃ phosphor. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	0
17	White Light Emission from Dy (III) activated Sr ₂ SiO ₄ phosphor. , 2018, , .		0
18	Novel Tool to Determine Kinetic Parameters of Thermoluminescence (TL) Glow Curveâ€“CGCD: CaZrO ₃ : Eu ³⁺ , Tb ³⁺ . <i>Algorithms for Intelligent Systems</i> , 2020, , 795-803.	0.6	0