

Laishram Robindro Singh

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Luminescence study on Eu ³⁺ doped Y ₂ O ₃ nanoparticles: particle size, concentration and core-shell formation effects. Nanotechnology, 2008, 19, 055201.	2.6	126
2	Probing of surface Eu ³⁺ ions present in ZnO:Eu nanoparticles by covering ZnO:Eu core with Y ₂ O ₃ shell: Luminescence study. Journal of Luminescence, 2008, 128, 1544-1550.	3.1	49
3	Critical view on luminescence properties of Y ₂ O ₃ :Eu ³⁺ after dispersion in SiO ₂ . Chemical Physics Letters, 2011, 510, 120-125.	2.6	22
4	Enhancing Detectivity of Indium-Oxide-Based Photodetectors via Vertical Nanostructuring Through Glancing Angle Deposition. Journal of Electronic Materials, 2021, 50, 3722-3730.	2.2	15
5	Effects of doping concentration on thermoluminescence parameters of CaAl ₂ O ₄ :Re ³⁺ (Re ³⁺ = Dy ³⁺), Tj ETQq1 1 0,784314 18 BT /Over	2.8	18
6	The effect of lithium on structural and luminescence performance of tunable light-emitting nanophosphors for white LEDs. RSC Advances, 2020, 10, 35619-35635.	3.6	10
7	A comparative study of a tunable body-centered cubic (I) red-emitting nanophosphor for warm WLED applications. Journal of Solid State Chemistry, 2022, 308, 122929.	2.9	10
8	Green synthesis of Ag doped ZnO nanoparticles: study of their structural, optical, thermal and antibacterial properties. Materials Technology, 2022, 37, 2785-2794.	3.0	10
9	Cu@NiO bimetallic nanoparticles supported on graphitic carbon nitride with enhanced catalytic performance for the synthesis of 1,2,3-triazoles, bis-1,2,3-triazoles, and tetrazoles in parts per million level. Applied Organometallic Chemistry, 2022, 36, e6524.	3.5	6
10	Enhanced Photodetection in Glancing Angle Deposited One-Dimensional In ₂ O ₃ Nanorod Array. Journal of Nanoscience and Nanotechnology, 2021, 21, 3115-3122.	0.9	5
11	Eu ³⁺ as a marker for formation of core-shell system: YVO ₄ :SiO ₂ . OpenNano, 2017, 2, 57-63.	4.8	4
12	Synthesis and detailed characterizations of Ag nanoparticles coated In ₂ O ₃ nanostructured devices: An analytical and experimental approach. Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics, 2021, 39, .	1.2	3
13	Site symmetry dependence on luminescence emission of Y ₂ O ₃ :Eu ³⁺ dispersed in silica matrix. Materials Technology, 2022, 37, 1906-1913.	3.0	2