

Nisha Deopa

List of Publications by Year in descending order

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29
papers

1,337
citations

361413

20
h-index

477307

29
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docs citations

29
times ranked

472
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectroscopic studies of Sm ³⁺ ions activated lithium lead alumino borate glasses for visible luminescent device applications. <i>Optical Materials</i> , 2017, 72, 31-39.	3.6	101
2	Spectroscopic studies of Pr ³⁺ doped lithium lead alumino borate glasses for visible reddish orange luminescent device applications. <i>Journal of Alloys and Compounds</i> , 2017, 708, 911-921.	5.5	99
3	Photoluminescence and energy transfer studies of Dy ³⁺ ions doped lithium lead alumino borate glasses for w-LED and laser applications. <i>Journal of Luminescence</i> , 2017, 192, 832-841.	3.1	99
4	Spectroscopic studies of Dy ³⁺ ions doped barium lead alumino fluoro borate glasses. <i>Journal of Alloys and Compounds</i> , 2019, 787, 503-518.	5.5	84
5	Structural, absorption and photoluminescence studies of Sm ³⁺ ions doped barium lead alumino fluoro borate glasses for optoelectronic device applications. <i>Materials Research Bulletin</i> , 2019, 110, 159-168.	5.2	76
6	Photoluminescence investigations on Sm ³⁺ ions doped borate glasses for tricolor w-LEDs and lasers. <i>Materials Research Bulletin</i> , 2018, 100, 206-212.	5.2	73
7	Spectroscopic investigations of Nd ³⁺ doped Lithium Lead Alumino Borate glasses for 1.06 μ m laser applications. <i>Optical Materials</i> , 2018, 75, 127-134.	3.6	70
8	Spectroscopic studies of Dy ³⁺ doped borate glasses for cool white light generation. <i>Materials Research Bulletin</i> , 2018, 104, 77-82.	5.2	67
9	Judd-Ofelt parametrization and radiative analysis of Dy ³⁺ ions doped Sodium Bismuth Strontium Phosphate glasses. <i>Journal of Luminescence</i> , 2019, 215, 116693.	3.1	64
10	Spectroscopic studies of single near ultraviolet pumped Tb ³⁺ doped Lithium Lead Alumino Borate glasses for green lasers and tricolour w-LEDs. <i>Journal of Luminescence</i> , 2018, 194, 56-63.	3.1	62
11	Spectral studies of Eu ³⁺ doped lithium lead alumino borate glasses for visible photonic applications. <i>Optics and Laser Technology</i> , 2018, 108, 434-440.	4.6	59
12	Intense green emission from Tb ³⁺ ions doped zinc lead alumino borate glasses for laser and w-LEDs applications. <i>Optical Materials</i> , 2018, 84, 318-323.	3.6	55
13	Realization of warm white light and energy transfer studies of Dy ³⁺ /Eu ³⁺ co-doped Li ₂ O-PbO-Al ₂ O ₃ -B ₂ O ₃ glasses for lighting applications. <i>Journal of Luminescence</i> , 2020, 222, 117166.	3.1	52
14	Effect of Sm ³⁺ ions concentration on borosilicate glasses for reddish orange luminescent device applications. <i>Journal of Non-Crystalline Solids</i> , 2019, 513, 152-158.	3.1	48
15	Judd-Ofelt itemization and influence of energy transfer on Sm ³⁺ ions activated B ₂ O ₃ -ZnF ₂ -SrO-SiO ₂ glasses for orange-red emitting devices. <i>Journal of Luminescence</i> , 2021, 229, 117651.	3.1	47
16	Spectroscopic investigations on Dy ³⁺ ions doped zinc lead alumino borate glasses for photonic device applications. <i>Journal of Rare Earths</i> , 2019, 37, 52-59.	4.8	43
17	Spectroscopic studies and lasing potentialities of Sm ³⁺ ions doped single alkali and mixed alkali fluoro tungstentellurite glasses. <i>Optics and Laser Technology</i> , 2019, 111, 176-183.	4.6	41
18	Structural, optical, thermal and other physical properties of Bi ₂ O ₃ modified Lithium Zinc Silicate glasses. <i>Journal of Molecular Structure</i> , 2021, 1234, 130160.	3.6	30

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19	Judd-Ofelt Parameterization and Luminescence Characterization of Dy ³⁺ Doped Oxyfluoride Lithium Zinc Borosilicate Glasses for Lasers and w-LEDs. <i>Journal of Non-Crystalline Solids</i> , 2020, 544, 120187.	3.1	28
20	Structural and luminescence characteristics of thermally stable Dy ³⁺ doped oxyfluoride strontium zinc borosilicate glasses for photonic device applications. <i>Optics and Laser Technology</i> , 2022, 154, 108328.	4.6	23
21	Spectroscopic study of Pr ³⁺ ions doped Zinc Lead Tungsten Tellurite glasses for visible photonic device applications. <i>Optical Materials</i> , 2018, 78, 457-464.	3.6	21
22	Spectroscopic properties of deep red emitting Tm ³⁺ doped ZnPbWTe glasses for optoelectronic and laser applications. <i>Journal of Non-Crystalline Solids</i> , 2019, 516, 82-88.	3.1	17
23	Physical, structural and optical characterization of Dy ³⁺ doped ZnF ₂ -WO ₂ -B ₂ O ₃ -TeO ₂ glasses for opto-communication applications. <i>Optical Materials</i> , 2021, 114, 110937.	3.6	16
24	Radiative emission analysis of Sm ³⁺ ions doped borosilicate glasses for visible orange photonic devices. <i>Journal of Non-Crystalline Solids</i> , 2021, 572, 121106.	3.1	14
25	Luminescence features of Mn ²⁺ -doped Zn ₂ SiO ₄ : A green color emitting phosphor for solid-state lighting. <i>Optik</i> , 2021, 225, 165715.	2.9	13
26	Structural, thermal, optical and luminescence properties of Dy ³⁺ ions doped Zinc Potassium Alumino Borate glasses for optoelectronics applications. <i>Journal of Non-Crystalline Solids</i> , 2022, 588, 121613.	3.1	13
27	Enhanced visible green and 1.5 μ m radiative emission of Er ³⁺ ions in Li ₂ O-PbO-Al ₂ O ₃ -B ₂ O ₃ glasses for photonic applications. <i>Journal of Rare Earths</i> , 2021, 39, 520-525.	4.8	10
28	Spectral characteristics of Tb ³⁺ doped ZnF ₂ -K ₂ O-Al ₂ O ₃ -B ₂ O ₃ glasses for epoxy free tricolor w-LEDs and visible green laser applications. <i>Journal of Luminescence</i> , 2022, 244, 118676.	3.1	9
29	EPR and Optical Properties of Green Emitting Mn Activated Sr ₂ ZnSi ₂ O ₇ Phosphors Prepared by Sol-Gel Method. <i>Journal of Electronic Materials</i> , 2020, 49, 2265-2272.	2.2	3