Nisha Deopa

List of Publications by Year
in descending order

29 papers	1,337 citations	361413 20 h-index	477307 29 g-index
29 all docs	29 docs citations	29 times ranked	472 citing authors

#	Article	IF	Citations
1	Spectral characteristics of Tb3+ doped ZnF2â€“K2Oâ€“Al2O3â€“B2O3 glasses for epoxy free tricolor w-LEDs and visible green laser applications. Journal of Luminescence, 2022, 244, 118676.	3.1	9
2	Structural, thermal, optical and luminescence properties of Dy3+ ions doped Zinc Potassium Alumino Borate glasses for optoelectronics applications. Journal of Non-Crystalline Solids, 2022, 588, 121613.	3.1	13
3	Structural and luminescence characteristics of thermally stable Dy3+ doped oxyfluoride strontium zinc borosilicate glasses for photonic device applications. Optics and Laser Technology, 2022, 154, 108328.	4.6	23
4	Enhanced visible green and 1.5ÂĨ¼m radiative emission of Er3+ ions in Li2O-PbO-Al2O3-B2O3 glasses for photonic applications. Journal of Rare Earths, 2021, 39, 520-525.	4.8	10
5	Judd-Ofelt itemization and influence of energy transfer on Sm3+ ions activated B2O3â€“ZnF2â€“SrOâ€“SiO2 glasses for orange-red emitting devices. Journal of Luminescence, 2021, 229, 117651.	3.1	47
6	Luminescence features of Mn2+-doped Zn2SiO4: A green color emitting phosphor for solid-state lighting. Optik, 2021, 225, 165715.	2.9	13
7	Physical, structural and optical characterization of Dy3+ doped ZnF2-WO2-B2O3-TeO2 glasses for opto-communication applications. Optical Materials, 2021, 114, 110937.	3.6	16
8	Structural, optical, thermal and other physical properties of Bi2O3 modified Lithium Zinc Silicate glasses. Journal of Molecular Structure, 2021, 1234, 130160.	3.6	30
9	Radiative emission analysis of Sm3+ ions doped borosilicate glasses for visible orange photonic devices. Journal of Non-Crystalline Solids, 2021, 572, 121106.	3.1	14
10	Judd-Ofelt Parameterization and Luminescence Characterization of Dy3+ Doped Oxyfluoride Lithium Zinc Borosilicate Glasses for Lasers and w-LEDs. Journal of Non-Crystalline Solids, 2020, 544, 120187.	3.1	28
11	EPR and Optical Properties of Green Emitting Mn Activated Sr2ZnSi2O7 Phosphors Prepared by Solâ€“Gel Method. Journal of Electronic Materials, 2020, 49, 2265-2272.	2.2	3
12	Realization of warm white light and energy transfer studies of Dy3+/Eu3+ co-doped Li2O-PbO-Al2O3-B2O3 glasses for lighting applications. Journal of Luminescence, 2020, 222, 117166.	3.1	52
13	Spectroscopic investigations on Dy3+ ions doped zinc lead alumino borate glasses for photonic device applications. Journal of Rare Earths, 2019, 37, 52-59.	4.8	43
14	Judd-Ofelt parametrization and radiative analysis of Dy3+ ions doped Sodium Bismuth Strontium Phosphate glasses. Journal of Luminescence, 2019, 215, 116693.	3.1	64
15	Spectroscopic properties of deep red emitting Tm3+ doped ZnPbWTe glasses for optoelectronic and laser applications. Journal of Non-Crystalline Solids, 2019, 516, 82-88.	3.1	17
16	Effect of Sm3+ ions concentration on borosilicate glasses for reddish orange luminescent device applications. Journal of Non-Crystalline Solids, 2019, 513, 152-158.	3.1	48
17	Spectroscopic studies of Dy3+ ions doped barium lead alumino fluoro borate glasses. Journal of Alloys and Compounds, 2019, 787, 503-518.	5.5	84
18	Structural, absorption and photoluminescence studies of Sm3+ ions doped barium lead alumino fluoro borate glasses for optoelectronic device applications. Materials Research Bulletin, 2019, 110, 159-168.	5.2	76

#	Article	IF	Citations
19	Spectroscopic studies and lasing potentialities of Sm3+ ions doped single alkali and mixed alkali fluoro tungstentellurite glasses. Optics and Laser Technology, 2019, 111, 176-183.	4.6	41
20	Spectroscopic studies of Dy3+ doped borate glasses for cool white light generation. Materials Research Bulletin, 2018, 104, 77-82.	5.2	67
21	Photoluminescence investigations on Sm3+ ions doped borate glasses for tricolor w-LEDs and lasers. Materials Research Bulletin, 2018, 100, 206-212.	5.2	73
22	Spectroscopic study of Pr3+ ions doped Zinc Lead Tungsten Tellurite glasses for visible photonic device applications. Optical Materials, 2018, 78, 457-464.	3.6	21
23	Spectroscopic studies of single near ultraviolet pumped Tb3+ doped Lithium Lead Alumino Borate glasses for green lasers and tricolour w-LEDs. Journal of Luminescence, 2018, 194, 56-63.	3.1	62
24	Spectroscopic investigations of Nd3+ doped Lithium Lead Alumino Borate glasses for 1.06ÂÎ¼m laser applications. Optical Materials, 2018, 75, 127-134.	3.6	70
25	Spectral studies of Eu3+ doped lithium lead alumino borate glasses for visible photonic applications. Optics and Laser Technology, 2018, 108, 434-440.	4.6	59
26	Intense green emission from Tb3+ ions doped zinc lead alumino borate glasses for laser and w-LEDs applications. Optical Materials, 2018, 84, 318-323.	3.6	55
27	Spectroscopic studies of Pr3+ doped lithium lead alumino borate glasses for visible reddish orange luminescent device applications. Journal of Alloys and Compounds, 2017, 708, 911-921.	5.5	99
28	Spectroscopic studies of Sm3+ ions activated lithium lead alumino borate glasses for visible luminescent device applications. Optical Materials, 2017, 72, 31-39.	3.6	101
29	Photoluminescence and energy transfer studies of Dy3+ ions doped lithium lead alumino borate glasses for w-LED and laser applications. Journal of Luminescence, 2017, 192, 832-841.	3.1	99