

# A Mohan Babu

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

1,155  
citations

516215

16  
h-index

794141

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

821  
citing authors

#	ARTICLE	IF	CITATIONS
1	Luminescence properties of Dy <sup>3+</sup> doped lithium zinc borosilicate glasses for photonic applications. <i>Heliyon</i> , 2018, 4, e00555.	1.4	60
2	Effect of erbium ion concentration on structural and luminescence properties of lead borosilicate glasses for fiber amplifiers. <i>Luminescence</i> , 2018, 33, 71-78.	1.5	11
3	Luminescence spectral studies of Tm <sup>3+</sup> ions doped Lead Tungsten Tellurite glasses for visible Red and NIR applications. <i>Journal of Luminescence</i> , 2016, 175, 225-231.	1.5	19
4	Effect of Dy <sup>3+</sup> ions concentration on optical properties of lead borosilicate glasses for white light emission. <i>Optik</i> , 2016, 127, 3121-3126.	1.4	29
5	Holmium doped Lead Tungsten Tellurite glasses for green luminescent applications. <i>Journal of Luminescence</i> , 2015, 163, 64-71.	1.5	57
6	Spectroscopic studies of Nd <sup>3+</sup> doped lead tungsten tellurite glasses for the NIR emission at 1062nm. <i>Optical Materials</i> , 2015, 39, 8-15.	1.7	53
7	Pr <sup>3+</sup> doped lead tungsten tellurite glasses for visible red lasers. <i>Ceramics International</i> , 2014, 40, 6261-6269.	2.3	56
8	Energy transfer and luminescence properties of Tm <sup>3+</sup> ions in calcium fluoroborate glasses for fiber amplifiers. <i>Journal of Luminescence</i> , 2013, 136, 383-388.	1.5	17
9	Spectroscopic and photoluminescence properties of Dy <sup>3+</sup> -doped lead tungsten tellurite glasses for laser materials. <i>Journal of Alloys and Compounds</i> , 2011, 509, 457-462.	2.8	143
10	Absorption and emission spectral studies of Sm <sup>3+</sup> -doped lead tungstate tellurite glasses. <i>Journal of Alloys and Compounds</i> , 2011, 509, 4743-4747.	2.8	80
11	Investigation on luminescence properties of Nd <sup>3+</sup> ions in alkaline-earth titanium phosphate glasses. <i>Optics Communications</i> , 2011, 284, 603-607.	1.0	37
12	NIR fluorescence and visible upconversion studies of Nd <sup>3+</sup> ions in calcium fluoroborate glasses. <i>Chemical Physics Letters</i> , 2010, 484, 207-213.	1.2	35
13	Fluorescence characteristics of Dy <sup>3+</sup> ions in calcium fluoroborate glasses. <i>Journal of Luminescence</i> , 2010, 130, 1916-1923.	1.5	229
14	The luminescence properties of Dy <sup>3+</sup> -doped alkaline earth titanium phosphate glasses. <i>Optical Materials</i> , 2010, 32, 1112-1116.	1.7	39
15	A study on fluorescence properties of Eu <sup>3+</sup> ions in alkali lead tellurofluoroborate glasses. <i>Journal of Rare Earths</i> , 2010, 28, 189-193.	2.5	49
16	Sm <sup>3+</sup> -luminescence in alkali lead tellurofluoroborate glasses. <i>IOP Conference Series: Materials Science and Engineering</i> , 2009, 2, 012049.	0.3	3
17	Study on spectroscopic and fluorescence properties of Tb <sup>3+</sup> -doped LBTAf glasses. <i>Physica B: Condensed Matter</i> , 2009, 404, 2020-2024.	1.3	47
18	Photoluminescence properties of Sm <sup>3+</sup> in LBTAf glasses. <i>Journal of Luminescence</i> , 2009, 129, 363-369.	1.5	135

#	ARTICLE	IF	CITATIONS
19	Spectroscopic studies of Eu <sup>3+</sup> ions in LBTAf glasses. Journal of Alloys and Compounds, 2009, 478, 63-67.	2.8	56