

A Mohan Babu

List of Publications by Year in descending order

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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	Fluorescence characteristics of Dy ³⁺ ions in calcium fluoroborate glasses. Journal of Luminescence, 2010, 130, 1916-1923.	1.5	229
2	Spectroscopic and photoluminescence properties of Dy ³⁺ -doped lead tungsten tellurite glasses for laser materials. Journal of Alloys and Compounds, 2011, 509, 457-462.	2.8	143
3	Photoluminescence properties of Sm ³⁺ in LBTAf glasses. Journal of Luminescence, 2009, 129, 363-369.	1.5	135
4	Absorption and emission spectral studies of Sm ³⁺ -doped lead tungstate tellurite glasses. Journal of Alloys and Compounds, 2011, 509, 4743-4747.	2.8	80
5	Luminescence properties of Dy ³⁺ doped lithium zinc borosilicate glasses for photonic applications. Heliyon, 2018, 4, e00555.	1.4	60
6	Holmium doped Lead Tungsten Tellurite glasses for green luminescent applications. Journal of Luminescence, 2015, 163, 64-71.	1.5	57
7	Spectroscopic studies of Eu ³⁺ ions in LBTAf glasses. Journal of Alloys and Compounds, 2009, 478, 63-67.	2.8	56
8	Pr ³⁺ doped lead tungsten tellurite glasses for visible red lasers. Ceramics International, 2014, 40, 6261-6269.	2.3	56
9	Spectroscopic studies of Nd ³⁺ doped lead tungsten tellurite glasses for the NIR emission at 1062nm. Optical Materials, 2015, 39, 8-15.	1.7	53
10	A study on fluorescence properties of Eu ³⁺ ions in alkali lead tellurofluoroborate glasses. Journal of Rare Earths, 2010, 28, 189-193.	2.5	49
11	Study on spectroscopic and fluorescence properties of Tb ³⁺ -doped LBTAf glasses. Physica B: Condensed Matter, 2009, 404, 2020-2024.	1.3	47
12	The luminescence properties of Dy ³⁺ -doped alkaline earth titanium phosphate glasses. Optical Materials, 2010, 32, 1112-1116.	1.7	39
13	Investigation on luminescence properties of Nd ³⁺ ions in alkaline-earth titanium phosphate glasses. Optics Communications, 2011, 284, 603-607.	1.0	37
14	NIR fluorescence and visible upconversion studies of Nd ³⁺ ions in calcium fluoroborate glasses. Chemical Physics Letters, 2010, 484, 207-213.	1.2	35
15	Effect of Dy ³⁺ ions concentration on optical properties of lead borosilicate glasses for white light emission. Optik, 2016, 127, 3121-3126.	1.4	29
16	Luminescence spectral studies of Tm ³⁺ ions doped Lead Tungsten Tellurite glasses for visible Red and NIR applications. Journal of Luminescence, 2016, 175, 225-231.	1.5	19
17	Energy transfer and luminescence properties of Tm ³⁺ ions in calcium fluoroborate glasses for fiber amplifiers. Journal of Luminescence, 2013, 136, 383-388.	1.5	17
18	Effect of erbium ion concentration on structural and luminescence properties of lead borosilicate glasses for fiber amplifiers. Luminescence, 2018, 33, 71-78.	1.5	11

#	ARTICLE	IF	CITATIONS
19	Sm ³⁺ luminescence in alkali lead tellurofluoroborate glasses. IOP Conference Series: Materials Science and Engineering, 2009, 2, 012049.	0.3	3