

Kaushal Jha

List of Publications by Year in descending order

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papers

835
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687363

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888059

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19
docs citations

19
times ranked

633
citing authors

#	ARTICLE	IF	CITATIONS
1	Emerging cool white light emission from Dy ³⁺ doped single phase alkaline earth niobate phosphors for indoor lighting applications. Dalton Transactions, 2015, 44, 17166-17174.	3.3	156
2	White light emission and color tunability of dysprosium doped barium silicate glasses. Journal of Luminescence, 2016, 169, 121-127.	3.1	139
3	Spectroscopic investigation on thermally stable Dy ³⁺ doped zinc phosphate glasses for white light emitting diodes. Journal of Alloys and Compounds, 2016, 688, 833-840.	5.5	137
4	Red light emitting BaNb ₂ O ₆ :Eu ³⁺ phosphor for solid state lighting applications. Journal of Alloys and Compounds, 2015, 622, 97-101.	5.5	82
5	Structural and emission properties of Eu ³⁺ doped alkaline earth zinc phosphate glasses for white LED applications. Journal of the American Ceramic Society, 2017, 100, 1402-1411.	3.8	75
6	Multicolor and white light emitting Tb ³⁺ /Sm ³⁺ co-doped zinc phosphate barium titanate glasses via energy transfer for optoelectronic device applications. Journal of Alloys and Compounds, 2017, 719, 116-124.	5.5	53
7	Synthesis and enhancement of photoluminescent properties in spherical shaped Sm ³⁺ /Eu ³⁺ co-doped NaCaPO ₄ phosphor particles for w-LEDs. Journal of Luminescence, 2018, 202, 475-483.	3.1	43
8	Effective sensitization of Eu ³⁺ and energy transfer in Sm ³⁺ /Eu ³⁺ co-doped ZPBT glasses for CuPc based solar cell and w-LED applications. Journal of Luminescence, 2018, 194, 102-107.	3.1	38
9	Single NUV band pumped PbO-CeO ₂ -TeO ₂ :Tb ³⁺ yellowish green emitting glass material for tricolor white LEDs. Journal of Alloys and Compounds, 2017, 711, 395-399.	5.5	22
10	Thermally stable Ca ₂ Ga ₂ SiO ₇ :Tb ³⁺ green emitting phosphor for tricolor w-LEDs application. Materials Research Bulletin, 2020, 124, 110750.	5.2	22
11	Optimization of synthesis technique and luminescent properties in Eu ³⁺ -activated NaCaPO ₄ phosphor for solid state lighting applications. Journal of Luminescence, 2017, 185, 99-105.	3.1	20
12	Influence of modifier oxides on spectroscopic properties of Eu ³⁺ doped oxy-fluoro tellurophosphate glasses for visible photonic applications. Journal of Alloys and Compounds, 2019, 789, 622-629.	5.5	18
13	Multicolor emission and energy transfer dynamics in thermally stable Dy ³⁺ /Eu ³⁺ co-doped ZPBT glasses for epoxy free w-LEDs application. Journal of Non-Crystalline Solids, 2021, 553, 120516.	3.1	18
14	Enhancement of luminescent properties in Eu ³⁺ doped BaNb ₂ O ₆ nanophosphor synthesized by facile metal citrate gel method. Optical Materials, 2019, 96, 109301.	3.6	6
15	Multicolor emission and energy transfer dynamics in thermally stable Ca ₂ Ga ₂ SiO ₇ :Tb ³⁺ /Eu ³⁺ for warm w-LEDs application. Optics and Laser Technology, 2022, 145, 107455.	4.6	4
16	Tb ³⁺ and Eu ³⁺ doped zinc phosphate glasses for solid state lighting applications. AIP Conference Proceedings, 2018, , .	0.4	1
17	Peculiar Optical Characteristics of Different Silicate Source and Synthesis Technique in Europium Doped Li ₂ SrSiO ₄ . Journal of the Korean Physical Society, 2018, 72, 1350-1355.	0.7	1
18	Photoluminescent studies of Sm ³⁺ doped oxy-fluoro tellurophosphate glasses for solid-state lighting applications. AIP Conference Proceedings, 2019, , .	0.4	0