

S K Mahesh

List of Publications by Year in descending order

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12
papers

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933447

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#	ARTICLE	IF	CITATIONS
1	Studies on the photoluminescent properties of a single phase white light emitting phosphor $\text{CaLa}_{1-x}\text{NbMoO}_8: x \text{Dy}^{3+}$ for pc-white LED applications. <i>Materials Letters</i> , 2016, 170, 196-198.	2.6	16
2	Effect of host structure on the photoluminescence properties of $\text{Ln}_3\text{TaO}_7:\text{Eu}^{3+}$ red phosphors. <i>Optical Materials</i> , 2016, 52, 134-143.	3.6	35
3	Novel red phosphors $\text{Gd}_2\text{CaTaO}_7:\text{Eu}^{3+}, \text{Bi}^{3+}$ for white LED applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 5743-5747.	2.2	7
4	Effect of Zr^{4+} and Si^{4+} substitution on the luminescence properties of $\text{CaMoO}_4:\text{Eu}^{3+}$ red phosphors. <i>Journal of Materials Science: Materials in Electronics</i> , 2014, 25, 2387-2393.	2.2	15
5	Intense red line emitting phosphor $\text{LuNbO}_4:\text{Eu}^{3+}$ for white light emitting diode applications. <i>Materials Letters</i> , 2014, 120, 115-117.	2.6	18
6	Influence of Cation Substitution and Activator Site Exchange on the Photoluminescence Properties of Eu^{3+} -Doped Quaternary Pyrochlore Oxides. <i>Inorganic Chemistry</i> , 2013, 52, 13304-13313.	4.0	41
7	Enhanced Eu^{3+} Red Luminescence in Scheelite Based Oxides, CaLaSbWO_8 . <i>ECS Journal of Solid State Science and Technology</i> , 2013, 2, R44-R48.	1.8	10
8	Photoluminescence characteristics of new stannate pyrochlore based red phosphors: $\text{CaLaSnNbO}_7:\text{Eu}^{3+}$. <i>Journal of Materials Science: Materials in Electronics</i> , 2012, 23, 1605-1609.	2.2	16
9	Role of Bond Strength on the Lattice Thermal Expansion and Oxide Ion Conductivity in Quaternary Pyrochlore Solid Solutions. <i>Inorganic Chemistry</i> , 2012, 51, 2409-2419.	4.0	35
10	Electrical transport properties of manganese containing pyrochlore type semiconducting oxides using impedance analyses. <i>Materials Research Bulletin</i> , 2012, 47, 4365-4375.	5.2	20
11	New orange-red emitting phosphor $\text{La}_3\text{NbO}_7:\text{Eu}^{3+}$ under blue excitation. <i>Materials Letters</i> , 2012, 81, 142-144.	2.6	24
12	Luminescence properties of $\text{Eu}^{3+}, \text{Bi}^{3+}$ coactivated CaLaNbWO_8 red phosphors under near UV and blue excitations. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2011, 208, 2170-2175.	1.8	24