

Gijo Jose

List of Publications by Year in descending order

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23
papers

359
citations

687363
13
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19
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23
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23
docs citations

23
times ranked

386
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural changes and band gap tailoring on H_2O - MoO_3 by exfoliation techniques. <i>Materials Today: Proceedings</i> , 2022, , .	1.8	0
2	Electrochemical characterization of orthorhombic tungsten trioxide hydrate for battery applications. <i>Journal of Alloys and Compounds</i> , 2021, 869, 159234.	5.5	6
3	Effect of Structural Water on the Dielectric Properties of Hydrated Tungsten Trioxide. <i>Journal of Electronic Materials</i> , 2020, 49, 2556-2567.	2.2	5
4	Metal insulator transition driven by hydrated water of tungsten trioxide. <i>Journal of Alloys and Compounds</i> , 2019, 779, 15-21.	5.5	8
5	Rietveld refinement and experimental determination of optical and electrical properties of K^+ stabilized H_2O - MnO_2 nanostructures. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 360, 012013.	0.6	2
6	Molybdenum Disulphide Nanoparticles Synthesis Using a Low Temperature Hydrothermal Method and Characterization. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 360, 012015.	0.6	13
7	Growth and characterization of Sm^{3+} doped cerium oxalate single crystals. <i>Journal of Materials Research and Technology</i> , 2016, 5, 268-274.	5.8	15
8	Growth and spectroscopic properties of samarium oxalate single crystals. <i>Journal of Crystal Growth</i> , 2014, 404, 20-25.	1.5	31
9	Energy transfer studies of Ce:Eu system in phosphate glasses. <i>Journal of Non-Crystalline Solids</i> , 2010, 356, 93-97.	3.1	14
10	Relaxation kinetics of Sm: Ce-doped CaS phosphors. <i>Journal of Luminescence</i> , 2007, 127, 583-588.	3.1	16
11	An ultra-low hydrolysis sol-gel route for titanosilicate xerogels and their characterization. <i>Journal of Sol-Gel Science and Technology</i> , 2007, 41, 163-168.	2.4	51
12	Structural and optical characterization of CdSe nanocrystallites/rare earth ions in sol-gel glasses. <i>Optical Materials</i> , 2007, 29, 1495-1500.	3.6	14
13	Structural and optical characterization of Eu^{3+} /CdSe nanocrystal containing silica glass. <i>Materials Chemistry and Physics</i> , 2006, 96, 381-387.	4.0	28
14	Radiative parameters of Eu^{3+} ions in CdSe nanocrystal containing silica matrices. <i>Physica B: Condensed Matter</i> , 2005, 357, 270-276.	2.7	11
15	Structural Evolution and Fluorescence Properties of Dy^{3+} : Silica Matrix. <i>Journal of Sol-Gel Science and Technology</i> , 2005, 33, 269-274.	2.4	5
16	Upconversion fluorescence in Sm^{3+} -doped zinc phosphate glassy matrix. <i>Journal of Modern Optics</i> , 2005, 52, 2687-2694.	1.3	3
17	Optical Characterization of Eu^{3+} ions in CdSe Nanocrystal Containing Silica Glass. <i>Journal of Fluorescence</i> , 2004, 14, 733-738.	2.5	26
18	Spectroscopic characterization of chromium in sol-gel derived silica. <i>Materials Chemistry and Physics</i> , 2003, 77, 826-830.	4.0	6

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19	Application of a modified Judd-Ofelt theory to Pr ³⁺ doped phosphate glasses and the evaluation of radiative properties. Journal of Non-Crystalline Solids, 2003, 319, 89-94.	3.1	25
20	Fluorescence enhancement from Eu ³⁺ ions in CdSe nanocrystal containing silica matrix hosts. Materials Letters, 2003, 57, 1051-1055.	2.6	21
21	Structural evolution and fluorescence properties of Dy ³⁺ : silica matrix. , 2002, 4905, 560.		0
22	Spectroscopic studies of Cu ²⁺ ions in sol-gel derived silica matrix. Bulletin of Materials Science, 2002, 25, 69-74.	1.7	32
23	Energy transfer in Rh 6G:Rh B system in PMMA matrix under cw laser excitation. Journal of Photochemistry and Photobiology A: Chemistry, 2002, 153, 145-151.	3.9	27