

Sourav Das

List of Publications by Year in descending order

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16
papers

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1307594

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1058476

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docs citations

17
times ranked

210
citing authors

#	ARTICLE	IF	CITATIONS
1	Pr ³⁺ doped BaNb ₂ O ₆ reddish orange emitting phosphor for solid state lighting and optical thermometry applications. Journal of Alloys and Compounds, 2020, 821, 153342.	5.5	68
2	Hydrothermal synthesis, structural and luminescent properties of a Cr ³⁺ doped MgGa ₂ O ₄ near-infrared long lasting nanophosphor. RSC Advances, 2016, 6, 82484-82495.	3.6	58
3	Investigation on spectroscopic properties and temperature dependent photoluminescence of NIR emitting Cr ³⁺ doped zinc gallate long persistent nanophosphor. Physica B: Condensed Matter, 2019, 569, 20-30.	2.7	25
4	Temperature dependent photoluminescence of Dy ³⁺ doped LiCaBO ₃ phosphor. Journal of Materials Science: Materials in Electronics, 2017, 28, 17168-17176.	2.2	22
5	Composites of BaAl ₂ O ₄ :Eu ²⁺ , Dy ³⁺ /organic dye encapsulated in mesoporous silica as multicolor long persistent phosphors based on radiative energy transfer. New Journal of Chemistry, 2017, 41, 5934-5941.	2.8	18
6	Near infrared emitting Cr ³⁺ doped Zn ₃ Ga ₂ Ge ₂ O ₁₀ long persistent phosphor for night vision surveillance and anti-counterfeit applications. Ceramics International, 2022, 48, 824-831.	4.8	16
7	Rhodamine 6G Dye Encapsulated Mesoporous SiO ₂ /SrAl ₂ O ₄ :Eu ²⁺ , Dy ³⁺ Composite Yellow Long Persistent Phosphor. ECS Journal of Solid State Science and Technology, 2016, 5, R98-R103.	1.8	8
8	Role of rhodamine-B dye encapsulated mesoporous SiO ₂ in color tuning of SrAl ₂ O ₄ :Eu ²⁺ , Dy ³⁺ composite long lasting phosphor. Journal of Materials Science: Materials in Electronics, 2016, 27, 13217-13228.	2.2	7
9	Fluorescein isothiocyanate and rhodamine B dye encapsulated mesoporous SiO ₂ for applications of blue LED excited white LED. Optical Materials, 2018, 79, 259-263.	3.6	6
10	Synthesis, characterization and magnetic properties of nanocrystalline nickel. , 2013, , .		2
11	An Approach to Tune the Color of Sr ₂ MgSi ₂ O ₇ : Eu ²⁺ , Dy ³⁺ Long Persistent Phosphor Using Y ₃ Al ₅ O ₁₂ : Ce ³⁺ Remote Phosphor. ECS Journal of Solid State Science and Technology, 2017, 6, R105-R109.	1.8	2
12	Single Oriented CeO ₂ Buffer Layer Deposition On Biaxially Textured Ni-W Substrate By RF Magnetron Sputtering. Advanced Materials Letters, 2015, 6, 883-887.	0.6	2
13	Growth And Field Emission Properties Of Vertically-aligned ZnO Nanowire Array On Biaxially Textured Ni-W Substrate By Thermal Evaporation. Advanced Materials Letters, 2015, 6, 862-866.	0.6	2
14	Gigantic density of states in 1.22nm nanocrystalline nickel. , 2012, , .		1
15	Synthesis of CeO ₂ microcrystals fabricated on biaxially textured Ni-W substrate by using an e-beam evaporation technique. Journal of the Korean Physical Society, 2015, 66, 726-729.	0.7	1
16	Growth And Characterization Of Large Grained Poly-Si Films Grown On Biaxially Textured Ni-W Substrate By Hot-wire CVD. Advanced Materials Letters, 2015, 6, 436-441.	0.6	1