

# Sourav Das

## List of Publications by Year in descending order

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16  
papers

239  
citations

1307594

7  
h-index

1058476

14  
g-index

17  
all docs

17  
docs citations

17  
times ranked

210  
citing authors

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