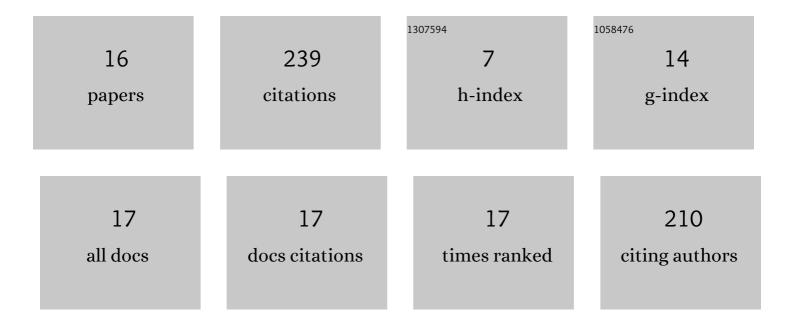
Sourav Das

List of Publications by Year in descending order

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SOLIDAV DAS

#	Article	IF	CITATIONS
1	Near infrared emitting Cr3+ doped Zn3Ga2Ge2O10 long persistent phosphor for night vision surveillance and anti-counterfeit applications. Ceramics International, 2022, 48, 824-831.	4.8	16
2	Pr3+ doped BaNb2O6 reddish orange emitting phosphor for solid state lighting and optical thermometry applications. Journal of Alloys and Compounds, 2020, 821, 153342.	5.5	68
3	Investigation on spectroscopic properties and temperature dependent photoluminescence of NIR emitting Cr3+ doped zinc gallate long persistent nanophosphor. Physica B: Condensed Matter, 2019, 569, 20-30.	2.7	25
4	Fluorescein isothiocyanate and rhodamine B dye encapsulated mesoporous SiO2 for applications of blue LED excited white LED. Optical Materials, 2018, 79, 259-263.	3.6	6
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	An Approach to Tune the Color of Sr2MgSi2O7: Eu2+, Dy3+Long Persistent Phosphor Using Y3Al5O12: Ce3+Remote Phosphor. ECS Journal of Solid State Science and Technology, 2017, 6, R105-R109.	1.8	2
7	Temperature dependent photoluminescence of Dy3+ doped LiCaBO3 phosphor. Journal of Materials Science: Materials in Electronics, 2017, 28, 17168-17176.	2.2	22
8	Rhodamine 6G Dye Encapsulated Mesoporous SiO2/SrAl2O4:Eu2+, Dy3+Composite Yellow Long Persistent Phosphor. ECS Journal of Solid State Science and Technology, 2016, 5, R98-R103.	1.8	8
9	Role of rhodamine-B dye encapsulated mesoporous SiO2 in color tuning of SrAl2O4:Eu2+,Dy3+ composite long lasting phosphor. Journal of Materials Science: Materials in Electronics, 2016, 27, 13217-13228.	2.2	7
10	Hydrothermal synthesis, structural and luminescent properties of a Cr ³⁺ doped MgGa ₂ O ₄ near-infrared long lasting nanophospor. RSC Advances, 2016, 6, 82484-82495.	3.6	58
11	Synthesis of CeO2 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
12	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
13	Single Oriented CeO2 Buffer Layer Deposition On Biaxially Textured Ni-W Substrate By RF Magnetron Sputtering. Advanced Materials Letters, 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. Advanced Materials Letters, 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