Saptasree Bose

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3922825/publications.pdf

Version: 2024-02-01

19	319	933264	839398
papers	citations	10	18
		h-index	g-index

19	19	19	470
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pure white light emission from a rare earth-free intrinsic metalâ€“organic framework and its application in a WLED. Journal of Materials Chemistry C, 2018, 6, 614-621.	2.7	53
2	Ultra-small amorphous MoS2 decorated reduced graphene oxide for supercapacitor application. Journal of Materials Science and Technology, 2020, 40, 196-203.	5.6	49
3	Crystal Chemistry, Band-Gap Red Shift, and Electrocatalytic Activity of Iron-Doped Gallium Oxide Ceramics. ACS Omega, 2020, 5, 104-112.	1.6	45
4	In Situ Doping-Enabled Metal and Nonmetal Codoping in Graphene Quantum Dots: Synthesis and Application for Contaminant Sensing. ACS Sustainable Chemistry and Engineering, 2020, 8, 16565-16576.	3.2	32
5	Defect induced photoluminescence in MoS2 quantum dots and effect of Eu3+/Tb3+ co-doping towards efficient white light emission. Optical Materials, 2018, 79, 12-20.	1.7	22
6	Nickel-Doped Silver Sulfide: An Efficient Air-Stable Electrocatalyst for Hydrogen Evolution from Neutral Water. ACS Omega, 2018, 3, 17070-17076.	1.6	18
7	Ho3+ ion in a (Ba, La)-tellurite glass: Strong â¼2.0Î¼m NIR emission and Yb3+ aided efficient NIR to vis upconversion. Optical Materials, 2013, 36, 221-227.	1.7	16
8	White light emission from single dye incorporated metal organic framework. Optical Materials, 2020, 100, 109706.	1.7	16
9	A green luminescent MoS2â€“CdTe hybrid nanostructure synthesized through surface charge interaction. Nanoscale Advances, 2019, 1, 1853-1863.	2.2	11
10	Bright and persistent green and red light-emitting fine fibers: A potential candidate for smart textiles. Journal of Luminescence, 2021, 231, 117760.	1.5	11
11	Strong crystal-field effect and efficient phonon assisted Yb3+â†'Tm3+ energy transfer in a (Yb3+/Tm3+) co-doped high bariumâ€“tellurite glass. Journal of Luminescence, 2014, 155, 210-217.	1.5	10
12	Optical characterization of Tm3+ in a high barium-tellurite glass in absence and presence of Yb3+: Evidence of strong crystal-field effect and efficient Yb3+â†'Tm3+ energy transfer. Journal of Luminescence, 2016, 169, 782-787.	1.5	8
13	A comprehensive phononics of phonon assisted energy transfer in the Yb3+ aided upconversion luminescence of Tm3+ and Ho3+ in solids. Journal of Luminescence, 2015, 161, 103-109.	1.5	6
14	Water-Ethylene Glycol Mediated Synthesis of Silver Nanoparticles for Conductive Ink. Materials Today: Proceedings, 2018, 5, 9941-9947.	0.9	6
15	Efficient near infrared to visible light upconversion from Er/Yb codoped PVDF fibrous mats synthesized using a direct polymer doping technique. Optical Materials, 2022, 123, 111866.	1.7	6
16	Synthesis and Characterization of ZnO Microfiber By Electrospinning Technique. Materials Today: Proceedings, 2018, 5, 9860-9865.	0.9	5
17	Single-walled carbon nanotube/(Pb, Zn)-phosphate glass heterostructure: an optical sensor and efficient photocurrent converter. Journal Physics D: Applied Physics, 2012, 45, 325106.	1.3	3
18	A newly developed-nanocrystals (ZnO and PbO) bearing silicate phosphor that emits strong bluish white-light. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	1.1	1

#	Article	IF	Citations
19	Color tunable aerogels/sponge-like structures developed from fine fiber membranes. Materials Advances, 0, , .	2.6	1