

Joy Sankar Roy

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10440887/publications.pdf>

Version: 2024-02-01

11
papers

131
citations

1478505

6
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

132
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced photoluminescence in CdS nanorods doped with antiferroelectric liquid crystals. Journal of Luminescence, 2014, 148, 330-333.	3.1	31
2	Rapid degradation of Rhodamine B using enhanced photocatalytic activity of MoS ₂ nanoflowers under concentrated sunlight irradiation. Physica E: Low-Dimensional Systems and Nanostructures, 2020, 120, 114114.	2.7	20
3	Photoluminescence study of Eu ³⁺ doped zinc-tungsten-antimonite glasses for red LED applications. Journal of Luminescence, 2020, 228, 117608.	3.1	16
4	Temperature variation dielectric behavior of TiO ₂ nanocabbages and doped W-182(AFLC). Journal of Luminescence, 2013, 136, 278-284.	3.1	13
5	Development of an extremely concentrated solar energy delivery system using silica optical fiber bundle for deployment of solar energy: Daylighting to photocatalytic wastewater treatment. Solar Energy, 2021, 214, 93-100.	6.1	13
6	Enhanced photocatalytic activity of silver vanadate nanobelts in concentrated sunlight delivered through optical fiber bundle coupled with solar concentrator. SN Applied Sciences, 2020, 2, 1.	2.9	12
7	Formation and optical properties of new glasses within Sb ₂ O ₃ -WO ₃ -ZnO ternary system. Journal of Materials Science: Materials in Electronics, 2019, 30, 16798-16805.	2.2	7
8	Comment to the article "Analysis of photoluminescence, UV absorbance, optical band gap and threshold voltage of TiO ₂ nanoparticles dispersed in high birefringence nematic liquid crystal towards its application in display and photovoltaic devices" [J. Lumin. 192 (2017) 33-39]. Journal of Luminescence, 2018, 203, 41.	3.1	6
9	Potential use of smartly engineered red mud nanoparticles for removal of arsenate and pathogens from drinking water. SN Applied Sciences, 2020, 2, 1.	2.9	6
10	Ultrafast cleaning of methylene blue contaminated water accelerating photocatalytic reaction rate of the BiVO ₄ nanoflakes under highly intense sunlight irradiation. Journal of Photochemistry and Photobiology, 2021, 7, 100037.	2.5	6
11	Comment on "Preparation, molecular structure, vibrational and photoluminescence study of a novel compound based chlorocadmiate (II) material" by Lassoued et al. J. Mol. Struct. 1165 (2018) 42-50. Journal of Molecular Structure, 2019, 1177, 68.	3.6	1