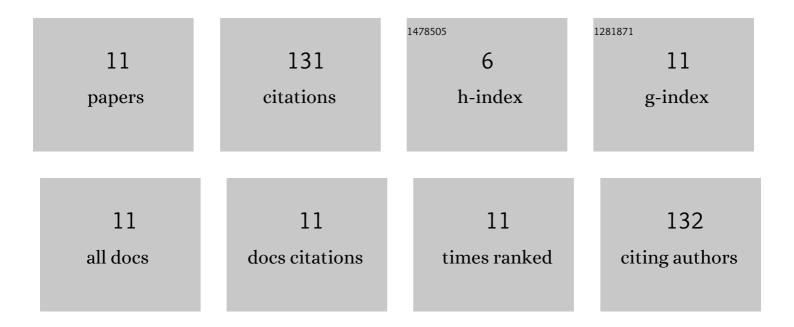
Joy Sankar Roy

List of Publications by Year in descending order

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LOV SANKAD ROV

#	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 MoS2 nanoflowers under concentrated sunlight irradiation. Physica E: Low-Dimensional Systems and Nanostructures, 2020, 120, 114114.	2.7	20
3	Photoluminescence study of Eu3+ doped zinc-tungsten-antimonite glasses for red LED applications. Journal of Luminescence, 2020, 228, 117608.	3.1	16
4	Temperature variation dielectric behavior of TiO2 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 Sb2O3–WO3–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 TiO2 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 accelarating photocatalytic reaction rate of the BiVO4 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 chlorocadmate (II) material―by Lassoued etÂal. J. Mol. Struct. 1165 (2018) 42–50. Journal of Molecular Structure, 2019, 1177, 68.	3.6	1