

Atanu Jana

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

134
citations

1307594

7
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

202
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of the optimal condition for electroplating of Bi ₂ S ₃ thin films and their photoelectrochemical characteristics. <i>Journal of Solid State Electrochemistry</i> , 2009, 13, 1339-1350.	2.5	37
2	Improved stability toward photo-electrochemical behavior of multi-chalcogenide CdSeS thin films. <i>Applied Surface Science</i> , 2018, 454, 334-342.	6.1	18
3	Sequential electro-deposition of Bi ₂ S ₃ /CdS films as co-sensitizer photoanodes for liquid junction solar cell. <i>Materials Chemistry and Physics</i> , 2016, 183, 173-180.	4.0	16
4	Studies on the photo-electrochemical behaviour of Bi ₂ S ₃ NPs embedded in a PANINFs matrix. <i>RSC Advances</i> , 2014, 4, 33662.	3.6	14
5	Synthesis and characterization of CdS nanoparticles decorated TiO ₂ matrix for an efficient N3 based dye sensitized solar cell (DSSC). <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 12438-12445.	2.2	12
6	Enhancement of photo-characteristics of Bi ₂ Se ₃ thin films by post heat treatment at optimal temperature range. <i>Journal of Electroanalytical Chemistry</i> , 2013, 689, 31-41.	3.8	10
7	Periodic voltammetry as a successful technique for synthesizing CdSe semiconductor films for photo-electrochemical application. <i>Journal of Solid State Electrochemistry</i> , 2017, 21, 3083-3091.	2.5	9
8	Iron Doped CdSe Films with Improved Photosensitivity and Stability for Use in a Liquid Junction Solar Cell. <i>ACS Applied Energy Materials</i> , 2019, 2, 232-242.	5.1	7
9	Voltammetric deposition of BiCdTe composite films with improved functional properties for photo-electrochemical cells. <i>New Journal of Chemistry</i> , 2016, 40, 3094-3103.	2.8	6
10	Self-controlled photo-degradation in coupled chalcogenide Bi ₂ Se ₃ film for solar cell applications. <i>Electrochimica Acta</i> , 2020, 329, 135168.	5.2	5