

Md. Zaman Molla

List of Publications by Year in descending order

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papers

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1684129

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#	ARTICLE	IF	CITATIONS
1	Transparent conductive oxide-free back contact dye-sensitized solar cells using cobalt electrolyte. <i>Progress in Photovoltaics: Research and Applications</i> , 2015, 23, 1100-1109.	8.1	17
2	Enhancing the performance of transparent conductive oxide-less back contact dye-sensitized solar cells by facile diffusion of cobalt species through TiO ₂ nanopores. <i>RSC Advances</i> , 2016, 6, 33353-33360.	3.6	9
3	Structural optimization and quantum size effect of Si-nanocrystals in SiC interlayer fabricated with bio-template. <i>Materials Research Express</i> , 2019, 6, 065059.	1.6	8
4	Transparent Conductive Oxide-Less Dye-Sensitized Solar Cells Consisting of Dye-Cocktail and Cobalt Based Redox Electrolyte. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 4748-4754.	0.9	7
5	Parametric optimization of back-contact T-C-O-free dye-sensitized solar cells employing indoline and porphyrin sensitizer based on cobalt redox electrolyte. <i>Solar Energy</i> , 2020, 208, 411-418.	6.1	7
6	Boosting the Efficiency of Low-Cost T-C-O-Less Dye-Sensitized Solar Cells Employing Nanoparticle Spacers and Cobalt Complex Redox Shuttle. <i>ACS Applied Electronic Materials</i> , 2020, 2, 2721-2729.	4.3	4
7	Spin relaxation in Si nanoclusters embedded in free-standing SiGe nanocolumns. <i>Applied Physics Letters</i> , 2017, 110, 203103.	3.3	2