Xiangxin Liu

List of Publications by Year in descending order

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15 papers	69 citations	1937685 4 h-index	1720034 7 g-index
15 all docs	15 docs citations	15 times ranked	101 citing authors

#	Article	IF	Citations
1	Improved performance of CdTe solar cells with CdS treatment. Solar Energy, 2015, 115, 603-612.	6.1	23
2	Influence of substrate bias and post-deposition Cl treatment on CdTe film grown by RF magnetron sputtering for solar cells. RSC Advances, 2014, 4, 5046.	3.6	18
3	A CdS nanodipole solar cell. Progress in Photovoltaics: Research and Applications, 2015, 23, 319-330.	8.1	7
4	Robust AZO/i-ZnO bilayer front contact for high-performance thin film solar cells. RSC Advances, 2016, 6, 108067-108074.	3.6	5
5	High-quality cadmium stannate annealed in N₂ atmosphere for low-cost thin film solar cell. RSC Advances, 2017, 7, 18545-18552.	3.6	4
6	An MPPT Approach Using Improved Hill Climbing and Double Closed Loop Control. , 2019, , .		4
7	A Novel Maximum Power Point Tracking Control Strategy for the Building Integrated Photovoltaic System. Energies, 2020, 13, 2679.	3.1	3
8	Mechanism of chlorine treatment in the resistivity stabilization of high-performance AZO/i-ZnO composite transparent conductive layer. Ceramics International, 2020, 46, 20819-20829.	4.8	2
9	Characterizing thin film PV devices with Low-Incidence Surface Milling by Focused Ion Beam. , 2011, , .		1
10	Enriched semiconducting single wall nanotubes as back contact for CdTe solar cell. , 2016, , .		1
11	Synthesis of high-quality ZnTe:Cu films as a back contact layer for CdTe solar cells. , 2021, , .		1
12	Effect of applied substrate bias on growth of CdTe film by RF magnetron sputtering. , 2012, , .		0
13	Structure and Properties of Radio-frequency Magnetron Sputtered La Doped BaSnO<inf>3</inf> Thin Films on 7059 Glass. , 2018, , .		0
14	Monte Carlo Simulation of CdTe Thin Film Recrystallization Process During Chlorine Activation. , 2019, , .		0
15	Compound control strategy for maximum power point tracking with flexible step-up converters for thin film photovoltaic module applications. Journal of Power Electronics, 2021, 21, 1259-1269.	1.5	0