

Xiaowei Shen

List of Publications by Year in descending order

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7
papers

60
citations

1684188

5
h-index

2053705

5
g-index

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all docs

7
docs citations

7
times ranked

66
citing authors

#	ARTICLE	IF	CITATIONS
1	266-nm ps Laser Ablation for Copper-Plated p-Type Selective Emitter PERC Silicon Solar Cells. IEEE Journal of Photovoltaics, 2018, 8, 952-959.	2.5	17
2	Impact of contact integrity during thermal stress testing on degradation analysis of copper-plated silicon solar cells. Solar Energy Materials and Solar Cells, 2018, 174, 225-232.	6.2	16
3	Degradation of plated silicon solar module due to copper diffusion: The role of capping layer formation and contact adhesion. Solar Energy Materials and Solar Cells, 2020, 215, 110638.	6.2	11
4	Plated metal adhesion to picosecond laser-ablated silicon solar cells: Influence of surface chemistry and wettability. Solar Energy Materials and Solar Cells, 2020, 205, 110285.	6.2	9
5	Modelling picosecond and nanosecond laser ablation for prediction of induced damage on textured SiN _x /Si surfaces of Si solar cells. Progress in Photovoltaics: Research and Applications, 2021, 29, 1020-1033.	8.1	7
6	Distortion of Suns-V _{OC} Measurements due to Plated Copper Diffusion through Silver Capping Layers on Silicon Solar Cells. , 2018, , .		0
7	Refined nickel nucleation and plated metal adhesion induced by pulsed light-induced plating on picosecond laser-ablated silicon solar cells. Solar Energy Materials and Solar Cells, 2022, 240, 111638.	6.2	0