

Xiaowei Shen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5702157/publications.pdf>

Version: 2024-02-01

7
papers

60
citations

1684188
5
h-index

2053705
5
g-index

7
all docs

7
docs citations

7
times ranked

66
citing authors

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