Nafis Iqbal

List of Publications by Year
in descending order

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13 papers	81 citations	1478505 6 h-index	1720034 7 g-index
13 all docs	13 docs citations	13 times ranked	73 citing authors

#	Article	IF	Citations
1	Characterization of front contact degradation in monocrystalline and multicrystalline silicon photovoltaic modules following damp heat exposure. Solar Energy Materials and Solar Cells, 2022, 235, 111468.	6.2	19
2	Multiscale Characterization of Photovoltaic Modulesâ€"Case Studies of Contact and Interconnect Degradation. IEEE Journal of Photovoltaics, 2022, 12, 62-72.	2.5	10
3	Raman Microspectroscopy of a Multi-Crystalline Silicon Solar Cell. IEEE Journal of Photovoltaics, 2022, 12, 230-237.	2.5	0
4	Copper Outdiffusion from Copper-Plated Solar Cell Contacts during Damp Heat Exposure. ACS Applied Materials & Interfaces, 2022, 14, 12149-12155.	8.0	0
5	Raman microspectroscopy of a silicon solar cell. , 2021, , .		1
6	Impact of Acetic Acid Exposure on the Screen-Printed Tellurite-Based Silver Contacts. , 2021, , .		2
7	Spatially Resolved Series Resistance Analysis of PV Modules using Electroluminescence and Photoluminescence Images. , 2021, , .		1
8	Correlation of UV Fluorescence Images With Performance Loss of Field-Retrieved Photovoltaic Modules. IEEE Journal of Photovoltaics, 2021, 11, 926-935.	2.5	10
9	A Comprehensive Evaluation of Contact Recombination and Contact Resistivity Losses in Industrial Silicon Solar Cells. IEEE Journal of Photovoltaics, 2020, 10, 1277-1282.	2.5	15
10	Recombination and Resistive Losses of Transferred Foil Contacts for Silicon Heterojunction Solar Cells. Physica Status Solidi - Rapid Research Letters, 2020, 14, 2000368.	2.4	6
11	Spatial Atomic Layer Deposition of Aluminum Oxide as a Passivating Hole Contact for Silicon Solar Cells. Physica Status Solidi (A) Applications and Materials Science, 2020, 217, 2000348.	1.8	5
12	Nondestructive Contact Resistivity Measurements on Solar Cells Using the Circular Transmission Line Method. IEEE Journal of Photovoltaics, 2019, 9, 1800-1805.	2.5	9
13	Characterization of the Metallization Induced Recombination Losses in Industrial Silicon Solar Cells. , 2019, , .		3