Narendra Shiradkar

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8269441/publications.pdf

Version: 2024-02-01

18	102	1684188 5	2053705 5
papers	citations	h-index	g-index

18	18	18	112
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Determining the optimal standard test condition correction procedure for highâ€throughput field Iâ€“V measurements of photovoltaic modules. Progress in Photovoltaics: Research and Applications, 2022, 30, 13-26.	8.1	12
2	Recent developments in solar manufacturing in India. Solar Compass, 2022, 1, 100009.	1.6	5
3	Characterization of reliability of anti-soiling coatings using tapping mode-AFM phase imaging. Journal of Renewable and Sustainable Energy, 2021, 13, .	2.0	7
4	Finite Element Analysis Model of a PV module for Thermal Assessment. , 2021, , .		0
5	Effect of Mechanical Loading Cycle Parameters on Crack Generation and Power Loss in PV Modules. , 2021, , .		4
6	Scaling Sustainable Integrated PV Manufacturing Globally. , 2021, , .		1
7	Impact of different brush designs in robotic cleaning on the degradation of anti-soiling coatings. , 2021, , .		2
8	Analysis of Field Degradation Rates Observed in All-India Survey of Photovoltaic Module Reliability 2018. IEEE Journal of Photovoltaics, 2020, 10, 560-567.	2.5	29
9	Finite Element Analysis Model of a PV Junction Box for Thermal Assessment. , 2020, , .		1
10	Correlating the Hot Spots and Power Degradation seen in crystalline silicon modules in All India Survey of PV Module Reliability 2018. , 2019, , .		0
11	Electroluminescence Study of over 700 Fielded PV Modules in All India Survey 2018. , 2019, , .		0
12	Reliability and Safety Issues Observed in Flood Affected PV Power Plants and Strategies to Mitigate the Damage in Future. , 2019, , .		0
13	Non-Destructive Technique for Measurement of Quantum Efficiency of Encapsulated Solar Cells in PV Modules. , 2019, , .		2
14	Investigation of Accuracy of various STC Correction Procedures for I-V Characteristics of PV Modules Measured at Different Temperature and Irradiances. , 2019, , .		4
15	Investigation of Poor Performing PV Modules Observed in All-India Survey of PV Module Reliability 2016. , 2018, , .		1
16	IoT Based, Inexpensive System for Large Scale, Wireless, Remote Temperature Monitoring of Photovoltaic Modules. , 2018, , .		6
17	Correlating Infrared Thermography With Electrical Degradation of PV Modules Inspected in All-India Survey of Photovoltaic Module Reliability 2016. IEEE Journal of Photovoltaics, 2018, 8, 1800-1808.	2.5	27
18	Sensitivity of accuracy of various standard test condition correction procedures to the errors in temperature coefficients of câ€Si PV modules. Progress in Photovoltaics: Research and Applications, 0, , .	8.1	1