

Narendra Shiradkar

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

102
citations

1684188

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2053705

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all docs

18
docs citations

18
times ranked

112
citing authors

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