

Mohammad Akram Hossain

List of Publications by Year in descending order

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11
papers

219
citations

1478505

6
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

206
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated Pipeline for Photovoltaic Module Electroluminescence Image Processing and Degradation Feature Classification. IEEE Journal of Photovoltaics, 2019, 9, 1324-1335.	2.5	63
2	Degradation science: Mesoscopic evolution and temporal analytics of photovoltaic energy materials. Current Opinion in Solid State and Materials Science, 2015, 19, 212-226.	11.5	51
3	A Nonrelational Data Warehouse for the Analysis of Field and Laboratory Data From Multiple Heterogeneous Photovoltaic Test Sites. IEEE Journal of Photovoltaics, 2017, 7, 230-236.	2.5	40
4	Building electricity consumption: Data analytics of building operations with classical time series decomposition and case based subsetting. Energy and Buildings, 2018, 177, 184-196.	6.7	22
5	Electroluminescent Image Processing and Cell Degradation Type Classification via Computer Vision and Statistical Learning Methodologies. , 2017, , .		13
6	Microinverter Thermal Performance in the Real-World: Measurements and Modeling. PLoS ONE, 2015, 10, e0131279.	2.5	10
7	A cross-sectional study of the temporal evolution of electricity consumption of six commercial buildings. PLoS ONE, 2017, 12, e0187129.	2.5	6
8	Data analytics applied to the electricity consumption of office buildings to reveal building operational characteristics. Advances in Building Energy Research, 2020, , 1-19.	2.3	5
9	Comparison of multi-crystalline silicon PV modulesâ€™ performance under augmented solar irradiation. Materials Research Society Symposia Proceedings, 2013, 1493, 3-9.	0.1	4
10	Predictive linear regression model for microinverter internal temperature. , 2014, , .		3
11	Thermal performance of microinverters on dual-axis trackers. Proceedings of SPIE, 2014, , .	0.8	2