

Mohammad Akram Hossain

List of Publications by Year in descending order

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Version: 2024-02-01

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