Mark B Campanelli

List of Publications by Year
in descending order

16 papers	133 citations	1307594 7 h-index	1588992 8 g-index
16 all docs	16 docs citations	16 times ranked	142 citing authors

#	Article	IF	Citations
1	Photovoltaic Characterization Under Artificial Low Irradiance Conditions Using Reference Solar Cells. IEEE Journal of Photovoltaics, 2020, 10, 1119-1125.	2.5	22
2	Calibration of a single‐diode performance model without a short‐circuit temperature coefficient. Energy Science and Engineering, 2018, 6, 222-238.	4.0	7
3	Calibration of a single-diode performance model without a short-circuit temperature coefficient. Energy Science and Engineering, 2018, 6, .	4.0	1
4	Non-linearity measurements of solar cells with an LED-based combinatorial flux addition method. Metrologia, 2016, 53, 76-85.	1.2	14
5	Effective Irradiance Ratios to Improve <i>I–V</i> Curve Measurements and Diode Modeling Over a Range of Temperature and Spectral and Total Irradiance. IEEE Journal of Photovoltaics, 2016, 6, 48-55.	2.5	11
6	Discovering an active subspace in a single‐diode solar cell model. Statistical Analysis and Data Mining, 2015, 8, 264-273.	2.8	27
7	On the estimability of the PV single‐diode model parameters. Statistical Analysis and Data Mining, 2015, 8, 329-339.	2.8	7
8	On the reliability of photovoltaic short-circuit current temperature coefficient measurements. , 2015, , .		9
9	Quantifying and reducing curve-fitting uncertainty in Isc. , 2015, , .		0
10	Temperature-Dependent Spectral Mismatch Corrections. IEEE Journal of Photovoltaics, 2015, 5, 1692-1697.	2.5	19
11	Uncertainty analysis for maximum power at SRC using hierarchical Monte Carlo simulation. , 2014, , .		1
12	Sensitivity of concentrating photovoltaics to solar tracking error. , 2014, , .		0
13	Likelihood methods for single-diode model parameter estimation from noisy I–V curve data. , 2014, , .		3
14	Rating photovoltaics. , 2013, , .		4
15	Device-dependent light-level correction errors in photovoltaic I-V performance measurements. , 2013, , .		4
16	A framework for interoperable sustainable manufacturing process analysis applications development. , 2012, , .		4