

# Mark B Campanelli

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

133  
citations

1307594

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h-index

1588992

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g-index

16  
all docs

16  
docs citations

16  
times ranked

142  
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovering an active subspace in a single-diode solar cell model. Statistical Analysis and Data Mining, 2015, 8, 264-273.	2.8	27
2	Photovoltaic Characterization Under Artificial Low Irradiance Conditions Using Reference Solar Cells. IEEE Journal of Photovoltaics, 2020, 10, 1119-1125.	2.5	22
3	Temperature-Dependent Spectral Mismatch Corrections. IEEE Journal of Photovoltaics, 2015, 5, 1692-1697.	2.5	19
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 $V_{oc}$ 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	On the reliability of photovoltaic short-circuit current temperature coefficient measurements. , 2015, , .		9
7	On the estimability of the PV single-diode model parameters. Statistical Analysis and Data Mining, 2015, 8, 329-339.	2.8	7
8	Calibration of a single-diode performance model without a short-circuit temperature coefficient. Energy Science and Engineering, 2018, 6, 222-238.	4.0	7
9	A framework for interoperable sustainable manufacturing process analysis applications development. , 2012, , .		4
10	Rating photovoltaics. , 2013, , .		4
11	Device-dependent light-level correction errors in photovoltaic I-V performance measurements. , 2013, , .		4
12	Likelihood methods for single-diode model parameter estimation from noisy $I_{sc}$ curve data. , 2014, , .		3
13	Uncertainty analysis for maximum power at SRC using hierarchical Monte Carlo simulation. , 2014, , .		1
14	Calibration of a single-diode performance model without a short-circuit temperature coefficient. Energy Science and Engineering, 2018, 6, .	4.0	1
15	Sensitivity of concentrating photovoltaics to solar tracking error. , 2014, , .		0
16	Quantifying and reducing curve-fitting uncertainty in $I_{sc}$ . , 2015, , .		0