Martin Neukom

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6919231/publications.pdf

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15	430	1040056 9	1199594 12
papers	citations	h-index	g-index

15	15	15	803
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Opto-electronic characterization of third-generation solar cells. Science and Technology of Advanced Materials, 2018, 19, 291-316.	6.1	91
2	Consistent Device Simulation Model Describing Perovskite Solar Cells in Steady-State, Transient, and Frequency Domain. ACS Applied Materials & Interfaces, 2019, 11, 23320-23328.	8.0	72
3	Charge extraction with linearly increasing voltage: A numerical model for parameter extraction. Solar Energy, 2011, 85, 1250-1256.	6.1	51
4	Reliable extraction of organic solar cell parameters by combining steady-state and transient techniques. Organic Electronics, 2012, 13, 2910-2916.	2.6	48
5	Improved efficiency of bulk heterojunction hybrid solar cells by utilizing CdSe quantum dotâ€“graphene nanocomposites. Physical Chemistry Chemical Physics, 2014, 16, 12251-12260.	2.8	45
6	Determination of charge transport activation energy and injection barrier in organic semiconductor devices. Journal of Applied Physics, 2017, 122, .	2.5	33
7	An Effective Area Approach to Model Lateral Degradation in Organic Solar Cells. Advanced Energy Materials, 2015, 5, 1500835.	19.5	29
8	The use of charge extraction by linearly increasing voltage in polar organic light-emitting diodes. Journal of Applied Physics, 2017, 121, .	2.5	24
9	Influence of Molybdenum Oxide Interface Solvent Sensitivity on Charge Trapping in Bilayer Cyanine Solar Cells. Journal of Physical Chemistry C, 2014, 118, 17036-17045.	3.1	19
10	Quantitative analysis of charge transport in intrinsic and doped organic semiconductors combining steady-state and frequency-domain data. Journal of Applied Physics, 2018, 124, .	2.5	9
11	Transient photocurrent response of organic bulk heterojunction solar cells. Proceedings of SPIE, 2010, , .	0.8	6
12	Pâ€176: Quantitative Analysis of Charge Transport in Singleâ€Carrier Devices and OLEDs Combining DC and AC Data. Digest of Technical Papers SID International Symposium, 2019, 50, 1895-1898.	0.3	3
13	38.1: Quantitative Analysis of Charge Transport in Singleâ€Carrier Devices and OLEDs Combining DC and AC Data. Digest of Technical Papers SID International Symposium, 2019, 50, 414-417.	0.3	0
14	Comprehensive analysis of third-generation solar cells supported by drift-diffusion simulations. , 0, , .		0
15	Consistent Device Simulation Model Describing Perovskite Solar Cells in Steady-State, Transient and Frequency Domain. , 0, , .		0