

Nora Schopp

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

16
papers

381
citations

9
h-index

18
g-index

18
ext. papers

539
ext. citations

14.2
avg, IF

3.86
L-index

#	Paper	IF	Citations
16	Understanding the High Performance of over 15% Efficiency in Single-Junction Bulk Heterojunction Organic Solar Cells. <i>Advanced Materials</i> , 2019 , 31, e1903868	24	149
15	The role of bulk and interfacial morphology in charge generation, recombination, and extraction in non-fullerene acceptor organic solar cells. <i>Energy and Environmental Science</i> , 2020 , 13, 3679-3692	35.4	68
14	Unifying Charge Generation, Recombination, and Extraction in Low-Offset Non-Fullerene Acceptor Organic Solar Cells. <i>Advanced Energy Materials</i> , 2020 , 10, 2001203	21.8	46
13	A Comprehensive Study of Copper Guanidine Quinoline Complexes: Predicting the Activity of Catalysts in ATRP with DFT. <i>Chemistry - A European Journal</i> , 2016 , 22, 13550-62	4.8	24
12	A Simple Approach for Unraveling Optoelectronic Processes in Organic Solar Cells under Short-Circuit Conditions. <i>Advanced Energy Materials</i> , 2021 , 11, 2002760	21.8	14
11	A Pinch of Salt Improves n-Butanol Selectivity in the Guerbet Condensation of Ethanol over Cu-Doped Mg/Al Oxides. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 15119-15126	8.3	13
10	Resolving Atomic-Scale Interactions in Non-Fullerene Acceptor Organic Solar Cells with Solid-State NMR Spectroscopy, Crystallographic Modelling, and Molecular Dynamics Simulations. <i>Advanced Materials</i> , 2021 , e2105943	24	11
9	Insights into Bulk-Heterojunction Organic Solar Cells Processed from Green Solvent. <i>Solar Rrl</i> , 2021 , 5, 2100213	7.1	11
8	Effect of Palladium-Tetrakis(Triphenylphosphine) Catalyst Traces on Charge Recombination and Extraction in Non-Fullerene-based Organic Solar Cells. <i>Advanced Functional Materials</i> , 2021 , 31, 2009363 ^{15.6}	15.6	10
7	Temperature and Light Modulated Open-Circuit Voltage in Nonfullerene Organic Solar Cells with Different Effective Bandgaps. <i>Advanced Energy Materials</i> , 2021 , 11, 2003091	21.8	8
6	Coupling between structural properties and charge transport in nano-crystalline and amorphous graphitic carbon films, deposited by electron-beam evaporation. <i>Nanotechnology</i> , 2020 , 31, 505706	3.4	6
5	On Optoelectronic Processes in Organic Solar Cells: From Opaque to Transparent. <i>Advanced Optical Materials</i> , 2021 , 9, 2001484	8.1	5
4	Optical Expediency of Back Electrode Materials for Organic Near-Infrared Photodiodes. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 27217-27226	9.5	4
3	Visible to Near-Infrared Photodiodes with Advanced Radiation Resistance. <i>Advanced Theory and Simulations</i> , 2100436	3.5	3
2	Transient grating spectroscopy of photocarrier dynamics in semiconducting polymer thin films. <i>Applied Physics Letters</i> , 2020 , 117, 253302	3.4	2
1	Understanding Interfacial Recombination Processes in Narrow-Band-Gap Organic Solar Cells. <i>ACS Energy Letters</i> , 1626-1634	20.1	2