

Marios Neophytou

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8237827/marios-neophytou-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

26

papers

1,727

citations

18

h-index

27

g-index

27

ext. papers

1,972

ext. citations

14

avg, IF

4.42

L-index

#	Paper	IF	Citations
26	Infrared Organic Photodetectors Employing Ultralow Bandgap Polymer and Non-Fullerene Acceptors for Biometric Monitoring.. <i>Small</i> , 2022 , e2200580	11	3
25	Regiochemistry-Driven Organic Electrochemical Transistor Performance Enhancement in Ethylene Glycol-Functionalized Polythiophenes. <i>Journal of the American Chemical Society</i> , 2021 , 143, 11007-11018	16.4	22
24	Non-fullerene-based organic photodetectors for infrared communication. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 2375-2380	7.1	12
23	Influence of Polymer Aggregation and Liquid Immiscibility on Morphology Tuning by Varying Composition in PffBT4T-2DT/Nonfullerene Organic Solar Cells. <i>Advanced Energy Materials</i> , 2020 , 10, 1903248	21.8	18
22	A universal solution processed interfacial bilayer enabling ohmic contact in organic and hybrid optoelectronic devices. <i>Energy and Environmental Science</i> , 2020 , 13, 268-276	35.4	26
21	Low-Temperature Cross-Linking Benzocyclobutene Based Polymer Dielectric for Organic Thin Film Transistors on Plastic Substrates. <i>Journal of Organic Chemistry</i> , 2020 , 85, 277-283	4.2	5
20	A Multilayered Electron Extracting System for Efficient Perovskite Solar Cells. <i>Advanced Functional Materials</i> , 2020 , 30, 2004273	15.6	8
19	Use of the Phen-NaDPO:Sn(SCN) ₂ Blend as Electron Transport Layer Results to Consistent Efficiency Improvements in Organic and Hybrid Perovskite Solar Cells. <i>Advanced Functional Materials</i> , 2019 , 29, 1905810	15.6	30
18	End Group Tuning in AcceptorDonorAcceptor Nonfullerene Small Molecules for High Fill Factor Organic Solar Cells. <i>Advanced Functional Materials</i> , 2019 , 29, 1808429	15.6	33
17	Triarylphosphine Oxide as Cathode Interfacial Material for Inverted Perovskite Solar Cells. <i>Advanced Materials Interfaces</i> , 2019 , 6, 1900434	4.6	11
16	Highly Stretchable and Air-Stable PEDOT:PSS/Ionic Liquid Composites for Efficient Organic Thermoelectrics. <i>Chemistry of Materials</i> , 2019 , 31, 3519-3526	9.6	51
15	Enhancing the Charge Extraction and Stability of Perovskite Solar Cells Using Strontium Titanate (SrTiO ₃) Electron Transport Layer. <i>ACS Applied Energy Materials</i> , 2019 , 2, 8090-8097	6.1	26
14	Carrier Extraction from Perovskite to Polymeric Charge Transport Layers Probed by Ultrafast Transient Absorption Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 6921-6928	6.4	11
13	Alternative Thieno[3,2-b][1]benzothiophene Isoindigo Polymers for Solar Cell Applications. <i>Macromolecular Rapid Communications</i> , 2018 , 39, e1700820	4.8	8
12	Room-Temperature-Sputtered Nanocrystalline Nickel Oxide as Hole Transport Layer for p-i-n Perovskite Solar Cells. <i>ACS Applied Energy Materials</i> , 2018 , 1, 6227-6233	6.1	57
11	Impact of Polymer Side Chain Modification on OPV Morphology and Performance. <i>Chemistry of Materials</i> , 2018 , 30, 7872-7884	9.6	32
10	Robust nonfullerene solar cells approaching unity external quantum efficiency enabled by suppression of geminate recombination. <i>Nature Communications</i> , 2018 , 9, 2059	17.4	141

9	Amorphous Tin Oxide as a Low-Temperature-Processed Electron-Transport Layer for Organic and Hybrid Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 11828-11836	9.5	110
8	High mobility, hole transport materials for highly efficient PEDOT:PSS replacement in inverted perovskite solar cells. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 4940-4945	7.1	50
7	Highly Efficient and Reproducible Nonfullerene Solar Cells from Hydrocarbon Solvents. <i>ACS Energy Letters</i> , 2017 , 2, 1494-1500	20.1	74
6	Microwave-synthesized tin oxide nanocrystals for low-temperature solution-processed planar junction organo-halide perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 7759-7763	13	37
5	Reducing the efficiency-stability-cost gap of organic photovoltaics with highly efficient and stable small molecule acceptor ternary solar cells. <i>Nature Materials</i> , 2017 , 16, 363-369	27	807
4	Solar Cells: Homo-Tandem Polymer Solar Cells with VOC >1.8 V for Efficient PV-Driven Water Splitting (Adv. Mater. 17/2016). <i>Advanced Materials</i> , 2016 , 28, 3412-3412	24	1
3	Homo-Tandem Polymer Solar Cells with VOC >1.8 V for Efficient PV-Driven Water Splitting. <i>Advanced Materials</i> , 2016 , 28, 3366-73	24	46
2	Improved Efficiency in Inverted Perovskite Solar Cells Employing a Novel Diarylamino-Substituted Molecule as PEDOT:PSS Replacement. <i>Advanced Energy Materials</i> , 2016 , 6, 1502101	21.8	63
1	One-Step Facile Synthesis of a Simple Hole Transport Material for Efficient Perovskite Solar Cells. <i>Chemistry of Materials</i> , 2016 , 28, 2515-2518	9.6	45