

Amir Dindar

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

2,830
citations

516710

16
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

5273
citing authors

#	ARTICLE	IF	CITATIONS
1	A Universal Method to Produce Low-Work Function Electrodes for Organic Electronics. <i>Science</i> , 2012, 336, 327-332.	12.6	1,878
2	Recyclable organic solar cells on cellulose nanocrystal substrates. <i>Scientific Reports</i> , 2013, 3, 1536.	3.3	270
3	Electrical and Optical Properties of ZnO Processed by Atomic Layer Deposition in Inverted Polymer Solar Cells. <i>Journal of Physical Chemistry C</i> , 2010, 114, 20713-20718.	3.1	116
4	All-plastic solar cells with a high photovoltaic dynamic range. <i>Journal of Materials Chemistry A</i> , 2014, 2, 3492.	10.3	97
5	Stable Solution-Processed Molecular n-Channel Organic Field-Effect Transistors. <i>Advanced Materials</i> , 2012, 24, 4445-4450.	21.0	67
6	Stable Low-Voltage Operation Top-Gate Organic Field-Effect Transistors on Cellulose Nanocrystal Substrates. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 4804-4808.	8.0	55
7	Oriented Growth of Al ₂ O ₃ :ZnO Nanolaminates for Use as Electron-Selective Electrodes in Inverted Polymer Solar Cells. <i>Advanced Functional Materials</i> , 2012, 22, 1531-1538.	14.9	47
8	Systematic Reliability Study of Top-Gate p- and n-Channel Organic Field-Effect Transistors. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 3378-3386.	8.0	45
9	Polymer solar cells with NiO hole-collecting interlayers processed by atomic layer deposition. <i>Organic Electronics</i> , 2013, 14, 2802-2808.	2.6	40
10	Organic Photovoltaic Cells with Stable Top Metal Electrodes Modified with Polyethylenimine. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 6202-6207.	8.0	39
11	Stable Organic Field-Effect Transistors for Continuous and Nondestructive Sensing of Chemical and Biologically Relevant Molecules in Aqueous Environment. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 1616-1622.	8.0	38
12	Studies of the optimization of recombination layers for inverted tandem polymer solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2012, 107, 51-55.	6.2	34
13	Self-(Un)rolling Biopolymer Microstructures: Rings, Tubules, and Helical Tubules from the Same Material. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8490-8493.	13.8	24
14	Organic Field-Effect Transistors with a Bilayer Gate Dielectric Comprising an Oxide Nanolaminate Grown by Atomic Layer Deposition. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 29872-29876.	8.0	23
15	Inverted Tandem Polymer Solar Cells with Polyethylenimine-Modified MoO _x /Al ₂ O ₃ :ZnO Nanolaminate as the Charge Recombination Layers. <i>Advanced Energy Materials</i> , 2014, 4, 1400048.	19.5	21
16	Inverted polymer solar cells with amorphous indium zinc oxide as the electron-collecting electrode. <i>Optics Express</i> , 2010, 18, A506.	3.4	19
17	Organic field-effect transistor circuits using atomic layer deposited gate dielectrics patterned by reverse stamping. <i>Organic Electronics</i> , 2014, 15, 3780-3786.	2.6	5
18	Indium tin oxide modified by titanium dioxide nanoparticles dispersed in poly(N-vinylpyrrolidone) for use as an electron-collecting layer in organic solar cells with an inverted structure. <i>Journal of Materials Research</i> , 2013, 28, 535-540.	2.6	4

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19	Organic field-effect transistor circuits with electrode interconnections using reverse stamping. Proceedings of SPIE, 2014, , .	0.8	0