Amir Dindar

List of Publications by Year
in descending order

19 papers	2,830 citations	516561 16 h-index	794469 19 g-index
20 all docs	20 docs citations	20 times ranked	5273 citing authors

#	Article	IF	Citations
1	A Universal Method to Produce Lowâ€“Work Function Electrodes for Organic Electronics. Science, 2012, 336, 327-332.	6.0	1,878
2	Recyclable organic solar cells on cellulose nanocrystal substrates. Scientific Reports, 2013, 3, 1536.	1.6	270
3	Electrical and Optical Properties of ZnO Processed by Atomic Layer Deposition in Inverted Polymer Solar Cells. Journal of Physical Chemistry C, 2010, 114, 20713-20718.	1.5	116
4	All-plastic solar cells with a high photovoltaic dynamic range. Journal of Materials Chemistry A, 2014, 2, 3492.	5.2	97
5	Stable Solutionâ€Processed Molecular nâ€Channel Organic Fieldâ€Effect Transistors. Advanced Materials, 2012, 24, 4445-4450.	11.1	67
6	Stable Low-Voltage Operation Top-Gate Organic Field-Effect Transistors on Cellulose Nanocrystal Substrates. ACS Applied Materials & Interfaces, 2015, 7, 4804-4808.	4.0	55
7	Oriented Growth of Al₂O₃:ZnO Nanolaminates for Use as Electronâ€Selective Electrodes in Inverted Polymer Solar Cells. Advanced Functional Materials, 2012, 22, 1531-1538.	7.8	47
8	Systematic Reliability Study of Top-Gate p- and n-Channel Organic Field-Effect Transistors. ACS Applied Materials & Interfaces, 2014, 6, 3378-3386.	4.0	45
9	Polymer solar cells with NiO hole-collecting interlayers processed by atomic layer deposition. Organic Electronics, 2013, 14, 2802-2808.	1.4	40
10	Organic Photovoltaic Cells with Stable Top Metal Electrodes Modified with Polyethylenimine. ACS Applied Materials & Interfaces, 2014, 6, 6202-6207.	4.0	39
11	Stable Organic Field-Effect Transistors for Continuous and Nondestructive Sensing of Chemical and Biologically Relevant Molecules in Aqueous Environment. ACS Applied Materials & Interfaces, 2014, 6, 1616-1622.	4.0	38
12	Studies of the optimization of recombination layers for inverted tandem polymer solar cells. Solar Energy Materials and Solar Cells, 2012, 107, 51-55.	3.0	34
13	Selfâ€(Un)rolling Biopolymer Microstructures: Rings, Tubules, and Helical Tubules from the Same Material. Angewandte Chemie - International Edition, 2015, 54, 8490-8493.	7.2	24
14	Organic Field-Effect Transistors with a Bilayer Gate Dielectric Comprising an Oxide Nanolaminate Grown by Atomic Layer Deposition. ACS Applied Materials & Interfaces, 2016, 8, 29872-29876.	4.0	23
15	Inverted Tandem Polymer Solar Cells with Polyethylenimineâ€Modified MoO_X/Al₂O₃:ZnO Nanolaminate as the Charge Recombination Layers. Advanced Energy Materials, 2014, 4, 1400048.	10.2	21
16	Inverted polymer solar cells with amorphous indium zinc oxide as the electron-collecting electrode. Optics Express, 2010, 18, A506.	1.7	19
17	Organic field-effect transistor circuits using atomic layer deposited gate dielectrics patterned by reverse stamping. Organic Electronics, 2014, 15, 3780-3786.	1.4	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. Journal of Materials Research, 2013, 28, 535-540.	1.2	4

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