

Birgitta Andreassen

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

2,482
citations

516215

16
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839053

18
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21
all docs

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docs citations

21
times ranked

3730
citing authors

#	ARTICLE	IF	CITATIONS
1	A rational method for developing and testing stable flexible indium- and vacuum-free multilayer tandem polymer solar cells comprising up to twelve roll processed layers. <i>Solar Energy Materials and Solar Cells</i> , 2014, 120, 735-743.	3.0	72
2	MoO ₃ –Au composite interfacial layer for high efficiency and air-stable organic solar cells. <i>Organic Electronics</i> , 2013, 14, 797-803.	1.4	52
3	All polymer photovoltaics: From small inverted devices to large roll-to-roll coated and printed solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2013, 112, 157-162.	3.0	80
4	The state of organic solar cells—A meta analysis. <i>Solar Energy Materials and Solar Cells</i> , 2013, 119, 84-93.	3.0	154
5	Combined characterization techniques to understand the stability of a variety of organic photovoltaic devices: the ISOS-3 inter-laboratory collaboration. , 2012, , .		3
6	A Nanoparticle Approach towards Morphology Controlled Organic Photovoltaics (OPV). <i>Polymers</i> , 2012, 4, 1242-1258.	2.0	7
7	Comparative studies of photochemical cross-linking methods for stabilizing the bulk hetero-junction morphology in polymer solar cells. <i>Journal of Materials Chemistry</i> , 2012, 22, 24417.	6.7	49
8	Removal of Solubilizing Side Chains at Low Temperature: A New Route to Native Poly(thiophene). <i>Macromolecules</i> , 2012, 45, 3644-3646.	2.2	22
9	On the stability of a variety of organic photovoltaic devices by IPCE and in situ IPCE analyses – the ISOS-3 inter-laboratory collaboration. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 11824.	1.3	38
10	The ISOS-3 inter-laboratory collaboration focused on the stability of a variety of organic photovoltaic devices. <i>RSC Advances</i> , 2012, 2, 882-893.	1.7	108
11	Investigation of the degradation mechanisms of a variety of organic photovoltaic devices by combination of imaging techniques—the ISOS-3 inter-laboratory collaboration. <i>Energy and Environmental Science</i> , 2012, 5, 6521.	15.6	134
12	Stability and degradation of organic photovoltaics fabricated, aged, and characterized by the ISOS 3 inter-laboratory collaboration. , 2012, , .		2
13	Rapid flash annealing of thermally reactive copolymers in a roll-to-roll process for polymer solar cells. <i>Polymer Chemistry</i> , 2012, 3, 2649.	1.9	33
14	TOF-SIMS investigation of degradation pathways occurring in a variety of organic photovoltaic devices – the ISOS-3 inter-laboratory collaboration. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 11780.	1.3	32
15	Roll-to-roll processed polymer tandem solar cells partially processed from water. <i>Solar Energy Materials and Solar Cells</i> , 2012, 97, 43-49.	3.0	84
16	Simultaneous multilayer formation of the polymer solar cell stack using roll-to-roll double slot-die coating from water. <i>Solar Energy Materials and Solar Cells</i> , 2012, 97, 22-27.	3.0	96
17	Stability of Polymer Solar Cells. <i>Advanced Materials</i> , 2012, 24, 580-612.	11.1	1,249
18	Thermally reactive Thiazolo[5,4-d]thiazole based copolymers for high photochemical stability in polymer solar cells. <i>Polymer Chemistry</i> , 2011, 2, 2536.	1.9	35

#	ARTICLE	IF	CITATIONS
19	Aqueous Processing of Low-Band-Gap Polymer Solar Cells Using Roll-to-Roll Methods. ACS Nano, 2011, 5, 4188-4196.	7.3	217
20	Generation of native polythiophene/PCBM composite nanoparticles via the combination of ultrasonic micronization of droplets and thermocleaving from aqueous dispersion. Nanotechnology, 2011, 22, 475301.	1.3	15