

Brian J Worfolk

List of Publications by Year in descending order

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15
papers

891
citations

758635

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1125271

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15
all docs

15
docs citations

15
times ranked

1927
citing authors

#	ARTICLE	IF	CITATIONS
1	Tuning the Morphology of Solution-Sheared P3HT:PCBM Films. ACS Applied Materials & Interfaces, 2016, 8, 1742-1751.	4.0	59
2	Compact Roll-to-Roll Coater for in Situ X-ray Diffraction Characterization of Organic Electronics Printing. ACS Applied Materials & Interfaces, 2016, 8, 1687-1694.	4.0	35
3	Ultrahigh electrical conductivity in solution-sheared polymeric transparent films. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 14138-14143.	3.3	248
4	Spray coated high-conductivity PEDOT:PSS transparent electrodes for stretchable and mechanically-robust organic solar cells. Solar Energy Materials and Solar Cells, 2013, 110, 98-106.	3.0	159
5	Atomic layer deposition of TiN for the fabrication of nanomechanical resonators. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2013, 31, .	0.9	8
6	Self-assembly of carboxylated polythiophene nanowires for improved bulk heterojunction morphology in polymer solar cells. Journal of Materials Chemistry, 2012, 22, 11354.	6.7	28
7	Work Function Control of Interfacial Buffer Layers for Efficient and Airâ€Stable Inverted Lowâ€Bandgap Organic Photovoltaics. Advanced Energy Materials, 2012, 2, 361-368.	10.2	56
8	Organic Photovoltaics: Work Function Control of Interfacial Buffer Layers for Efficient and Airâ€Stable Inverted Lowâ€Bandgap Organic Photovoltaics (Adv. Energy Mater. 3/2012). Advanced Energy Materials, 2012, 2, 278-278.	10.2	0
9	Indium tin oxide nanopillar electrodes in polymer/fullerene solar cells. Nanotechnology, 2011, 22, 085706.	1.3	67
10	Controlling C₆₀ fullerene nanocolumn morphology for organic photovoltaic applications. , 2011, , .		0
11	C₆₀ Fullerene Nanocolumnsâ€Polythiophene Heterojunctions for Inverted Organic Photovoltaic Cells. ACS Applied Materials & Interfaces, 2011, 3, 1887-1894.	4.0	28
12	Finely Tailored Performance of Inverted Organic Photovoltaics through Layer-by-Layer Interfacial Engineering. ACS Applied Materials & Interfaces, 2011, 3, 3962-3970.	4.0	33
13	Bulk Heterojunction Organic Photovoltaics Based on Carboxylated Polythiophenes and PCBM on Glass and Plastic Substrates. Advanced Functional Materials, 2011, 21, 1816-1826.	7.8	41
14	Stable Inverted Polymer/Fullerene Solar Cells Using a Cationic Polythiophene Modified PEDOT:PSS Cathodic Interface. Advanced Functional Materials, 2010, 20, 2404-2415.	7.8	82
15	Electrostatic Layer-by-Layer Assembly of CdSe Nanorod/Polymer Nanocomposite Thin Films. ACS Applied Materials & Interfaces, 2010, 2, 219-229.	4.0	47