

Brian J Worfolk

List of Publications by Year in descending order

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15
papers

891
citations

758635

12
h-index

1125271

13
g-index

15
all docs

15
docs citations

15
times ranked

1927
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultra-high 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
2	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
3	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
4	Indium tin oxide nanopillar electrodes in polymer/fullerene solar cells. Nanotechnology, 2011, 22, 085706.	1.3	67
5	Tuning the Morphology of Solution-Sheared P3HT:PCBM Films. ACS Applied Materials & Interfaces, 2016, 8, 1742-1751.	4.0	59
6	Work Function Control of Interfacial Buffer Layers for Efficient and Air-Stable Inverted Low-Bandgap Organic Photovoltaics. Advanced Energy Materials, 2012, 2, 361-368.	10.2	56
7	Electrostatic Layer-by-Layer Assembly of CdSe Nanorod/Polymer Nanocomposite Thin Films. ACS Applied Materials & Interfaces, 2010, 2, 219-229.	4.0	47
8	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
9	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
10	Finely Tailored Performance of Inverted Organic Photovoltaics through Layer-by-Layer Interfacial Engineering. ACS Applied Materials & Interfaces, 2011, 3, 3962-3970.	4.0	33
11	C ₆₀ Fullerene Nanocolumns-Polythiophene Heterojunctions for Inverted Organic Photovoltaic Cells. ACS Applied Materials & Interfaces, 2011, 3, 1887-1894.	4.0	28
12	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
13	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
14	Controlling C ₆₀ fullerene nanocolumn morphology for organic photovoltaic applications. , 2011, , .		0
15	Organic Photovoltaics: Work Function Control of Interfacial Buffer Layers for Efficient and Air-Stable Inverted Low-Bandgap Organic Photovoltaics (Adv. Energy Mater. 3/2012). Advanced Energy Materials, 2012, 2, 278-278.	10.2	0