

Ji Sun Moon

List of Publications by Year in descending order

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14
papers

6,579
citations

759233

12
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

6623
citing authors

#	ARTICLE	IF	CITATIONS
1	Bulk heterojunction solar cells with internal quantum efficiency approaching 100%. <i>Nature Photonics</i> , 2009, 3, 297-302.	31.4	3,903
2	Processing Additives for Improved Efficiency from Bulk Heterojunction Solar Cells. <i>Journal of the American Chemical Society</i> , 2008, 130, 3619-3623.	13.7	1,511
3	Effect of Processing Additive on the Nanomorphology of a Bulk Heterojunction Material. <i>Nano Letters</i> , 2010, 10, 4005-4008.	9.1	230
4	Columnlike Structure of the Cross-Sectional Morphology of Bulk Heterojunction Materials. <i>Nano Letters</i> , 2009, 9, 230-234.	9.1	183
5	End-Capping Effect of a Narrow Bandgap Conjugated Polymer on Bulk Heterojunction Solar Cells. <i>Advanced Materials</i> , 2011, 23, 2430-2435.	21.0	171
6	Spontaneous Formation of Bulk Heterojunction Nanostructures: Multiple Routes to Equivalent Morphologies. <i>Nano Letters</i> , 2011, 11, 1036-1039.	9.1	135
7	Nanomorphology of PCDTBT:PC ₇₀ BM Bulk Heterojunction Solar Cells. <i>Advanced Energy Materials</i> , 2012, 2, 304-308.	19.5	117
8	Sequential Processing: Control of Nanomorphology in Bulk Heterojunction Solar Cells. <i>Nano Letters</i> , 2011, 11, 3163-3168.	9.1	114
9	A New Terthiophene-Thienopyrrolodione Copolymer-Based Bulk Heterojunction Solar Cell with High Open-Circuit Voltage. <i>Advanced Energy Materials</i> , 2012, 2, 1397-1403.	19.5	98
10	Bulk heterojunction solar cells based on a low-bandgap carbazole-diketopyrrolopyrrole copolymer. <i>Applied Physics Letters</i> , 2010, 97, 203303.	3.3	47
11	Bulk heterojunction bipolar field-effect transistors processed with alkane dithiol. <i>Organic Electronics</i> , 2008, 9, 1107-1111.	2.6	44
12	Solvent Effect Leading to High Performance of Bulk Heterojunction Polymer Solar Cells by Novel Polysilafluorene Derivatives. <i>Journal of Physical Chemistry C</i> , 2011, 115, 2314-2319.	3.1	18
13	Thermal annealing induced bicontinuous networks in bulk heterojunction solar cells and bipolar field-effect transistors. <i>Applied Physics Letters</i> , 2009, 95, 173301.	3.3	7
14	Bulk heterojunction solar cells with internal quantum efficiency approaching 100%. , 0, .		1