

# Ji Sun Moon

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14  
papers

6,226  
citations

12  
h-index

14  
g-index

14  
ext. papers

6,425  
ext. citations

13.5  
avg, IF

5.04  
L-index

#	Paper	IF	Citations
14	Bulk heterojunction solar cells with internal quantum efficiency approaching 100%. <i>Nature Photonics</i> , <b>2009</b> , 3, 297-302	33.9	3689
13	Processing additives for improved efficiency from bulk heterojunction solar cells. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 3619-23	16.4	1434
12	Effect of processing additive on the nanomorphology of a bulk heterojunction material. <i>Nano Letters</i> , <b>2010</b> , 10, 4005-8	11.5	218
11	"Columnlike" structure of the cross-sectional morphology of bulk heterojunction materials. <i>Nano Letters</i> , <b>2009</b> , 9, 230-4	11.5	175
10	End-capping effect of a narrow bandgap conjugated polymer on bulk heterojunction solar cells. <i>Advanced Materials</i> , <b>2011</b> , 23, 2430-5	24	158
9	Spontaneous formation of bulk heterojunction nanostructures: multiple routes to equivalent morphologies. <i>Nano Letters</i> , <b>2011</b> , 11, 1036-9	11.5	133
8	Nanomorphology of PCDTBT:PC70BM Bulk Heterojunction Solar Cells. <i>Advanced Energy Materials</i> , <b>2012</b> , 2, 304-308	21.8	108
7	Sequential processing: control of nanomorphology in bulk heterojunction solar cells. <i>Nano Letters</i> , <b>2011</b> , 11, 3163-8	11.5	105
6	A New Terthiophene-Thienopyrrolodione Copolymer-Based Bulk Heterojunction Solar Cell with High Open-Circuit Voltage. <i>Advanced Energy Materials</i> , <b>2012</b> , 2, 1397-1403	21.8	94
5	Bulk heterojunction solar cells based on a low-bandgap carbazole-diketopyrrolopyrrole copolymer. <i>Applied Physics Letters</i> , <b>2010</b> , 97, 203303	3.4	45
4	Bulk heterojunction bipolar field-effect transistors processed with alkane dithiol. <i>Organic Electronics</i> , <b>2008</b> , 9, 1107-1111	3.5	43
3	Solvent Effect Leading to High Performance of Bulk Heterojunction Polymer Solar Cells by Novel Polysilafluorene Derivatives. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 2314-2319	3.8	17
2	Thermal annealing induced bicontinuous networks in bulk heterojunction solar cells and bipolar field-effect transistors. <i>Applied Physics Letters</i> , <b>2009</b> , 95, 173301	3.4	6
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