

# Mukti Aryal

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11227919/publications.pdf>

Version: 2024-02-01

10  
papers

776  
citations

933447

10  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

1434  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of nanostructure geometry on nanoimprinted polymer photovoltaics. <i>Nanoscale</i> , 2014, 6, 7576-7584.	5.6	20
2	Effects of nano-patterned versus simple flat active layers in upright organic photovoltaic devices. <i>Journal Physics D: Applied Physics</i> , 2013, 46, 024008.	2.8	25
3	Nanoimprinted Polymer Solar Cell. <i>ACS Nano</i> , 2012, 6, 2877-2892.	14.6	152
4	The role of solvent and morphology on miscibility of methanofullerene and poly(3-hexylthiophene). <i>Thin Solid Films</i> , 2012, 520, 5466-5471.	1.8	16
5	Light-trapping nano-structures in organic photovoltaic cells. <i>Journal of Materials Chemistry</i> , 2011, 21, 16293.	6.7	88
6	Nanoimprinted P3HT/C60 solar cells optimized by oblique deposition of C60. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2010, 28, C6M104-C6M107.	1.2	13
7	Inhibited cell spreading on polystyrene nanopillars fabricated by nanoimprinting and in situ elongation. <i>Nanotechnology</i> , 2010, 21, 385301.	2.6	35
8	Hole mobility enhancement by chain alignment in nanoimprinted poly(3-hexylthiophene) nanogratings for organic electronics. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2010, 28, C6M63-C6M67.	1.2	28
9	Nano-Confinement Induced Chain Alignment in Ordered P3HT Nanostructures Defined by Nanoimprint Lithography. <i>ACS Nano</i> , 2009, 3, 3085-3090.	14.6	302
10	Imprinted large-scale high density polymer nanopillars for organic solar cells. <i>Journal of Vacuum Science &amp; Technology B</i> , 2008, 26, 2562-2566.	1.3	97