

Mukti Aryal

List of Publications by Year in descending order

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