

Luke X Reynolds

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11833995/publications.pdf>

Version: 2024-02-01

11
papers

429
citations

933447

10
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

945
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of dithienyl or thienothiophene units on the optoelectronic and photovoltaic properties of benzo[1,2,5]thiadiazole based donor-acceptor copolymers for organic solar cell devices. RSC Advances, 2014, 4, 43142-43149.	3.6	13
2	Photoinduced electron and hole transfer in CdS:P3HT nanocomposite films: effect of nanomorphology on charge separation yield and solar cell performance. Journal of Materials Chemistry A, 2013, 1, 13896.	10.3	27
3	Charge Generation Dynamics in CdS:P3HT Blends for Hybrid Solar Cells. Journal of Physical Chemistry Letters, 2013, 4, 4253-4257.	4.6	31
4	Two-dimensional spatial coherence of excitons in semicrystalline polymeric semiconductors: Effect of molecular weight. Physical Review B, 2013, 88, .	3.2	96
5	Influence of Crystallinity and Energetics on Charge Separation in Polymer-Inorganic Nanocomposite Films for Solar Cells. Scientific Reports, 2013, 3, 1531.	3.3	84
6	Influence of morphology and polymer:nanoparticle ratio on device performance of hybrid solar cells-an approach in experiment and simulation. Nanotechnology, 2013, 24, 484005.	2.6	27
7	Photophysics and morphology of a polyfluorene donor-acceptor triblock copolymer for solar cells. Journal of Polymer Science, Part B: Polymer Physics, 2013, 51, 1705-1718.	2.1	6
8	Charge photogeneration in hybrid solar cells: A comparison between quantum dots and in situ grown CdS. Nanoscale, 2012, 4, 1561.	5.6	64
9	Connecting the (quantum) dots: towards hybrid photovoltaic devices based on chalcogenide gels. Physical Chemistry Chemical Physics, 2012, 14, 15180.	2.8	16
10	Slow geminate-charge-pair recombination dynamics at polymer: Fullerene heterojunctions in efficient organic solar cells. Journal of Polymer Science, Part B: Polymer Physics, 2012, 50, 1395-1404.	2.1	12
11	Triplet Formation in Fullerene Multi-Adduct Blends for Organic Solar Cells and Its Influence on Device Performance. Advanced Functional Materials, 2010, 20, 2701-2708.	14.9	53