Luke X Reynolds

List of Publications by Year
in descending order

11	429	933447 10	1281871 11
papers	citations	h-index	g-index

11	11	11	945
all docs	docs citations	times ranked	citing authors

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