

Martijn Kuik

List of Publications by Year in descending order

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17
papers

1,508
citations

623734

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839539

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docs citations

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times ranked

2707
citing authors

#	ARTICLE	IF	CITATIONS
1	Charge Carrier Recombination: Effects of Processing Conditions on the Recombination Reduction in Small Molecule Bulk Heterojunction Solar Cells (Adv. Energy Mater. 14/2014). Advanced Energy Materials, 2014, 4, .	19.5	1
2	25th Anniversary Article: Charge Transport and Recombination in Polymer Light-Emitting Diodes. Advanced Materials, 2014, 26, 512-531.	21.0	194
3	Overcoming Geminate Recombination and Enhancing Extraction in Solution-Processed Small Molecule Solar Cells. Advanced Energy Materials, 2014, 4, 1400230.	19.5	76
4	Trap-Limited Exciton Diffusion in Organic Semiconductors. Advanced Materials, 2014, 26, 1912-1917.	21.0	127
5	Effects of Processing Conditions on the Recombination Reduction in Small Molecule Bulk Heterojunction Solar Cells. Advanced Energy Materials, 2014, 4, 1400438.	19.5	46
6	Silaindacenodithiophene-Based Molecular Donor: Morphological Features and Use in the Fabrication of Compositionally Tolerant, High-Efficiency Bulk Heterojunction Solar Cells. Journal of the American Chemical Society, 2014, 136, 3597-3606.	13.7	136
7	Understanding the Charge-Transfer State and Singlet Exciton Emission from Solution-Processed Small-Molecule Organic Solar Cells. Advanced Materials, 2014, 26, 7405-7412.	21.0	27
8	Crystallization-Induced Phase Separation in Solution-Processed Small Molecule Bulk Heterojunction Organic Solar Cells. Advanced Functional Materials, 2014, 24, 3543-3550.	14.9	66
9	Charge carrier recombination in organic solar cells. Progress in Polymer Science, 2013, 38, 1941-1960.	24.7	534
10	Hole Transport in Diketopyrrolopyrrole (DPP) Small Molecules: A Joint Theoretical and Experimental Study. Journal of Physical Chemistry C, 2013, 117, 6730-6740.	3.1	21
11	High light intensity effects on nanoscale open-circuit voltage for three common donor materials in bulk heterojunction solar cells. Energy and Environmental Science, 2013, 6, 1766.	30.8	10
12	Asymmetric electron and hole transport in a high-mobility π -conjugated polymer. Physical Review B, 2012, 86, .	3.2	63
13	Identifying the Nature of Charge Recombination in Organic Solar Cells from Charge-Transfer State Electroluminescence. Advanced Energy Materials, 2012, 2, 1232-1237.	19.5	96
14	Polymer light-emitting diodes with doped hole-transport layers. Physica Status Solidi (A) Applications and Materials Science, 2011, 208, 2482-2487.	1.8	2
15	The Effect of Ketone Defects on the Charge Transport and Charge Recombination in Polyfluorenes. Advanced Functional Materials, 2011, 21, 4502-4509.	14.9	39
16	Determination of the trap-assisted recombination strength in polymer light emitting diodes. Applied Physics Letters, 2011, 98, 093301.	3.3	53
17	Optical detection of deep electron traps in poly(<i>p</i> -phenylene vinylene) light-emitting diodes. Applied Physics Letters, 2011, 99, .	3.3	16