

Martijn Kuik

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,508
citations

623734

14
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

2707
citing authors

#	ARTICLE	IF	CITATIONS
1	Charge carrier recombination in organic solar cells. Progress in Polymer Science, 2013, 38, 1941-1960.	24.7	534
2	25th Anniversary Article: Charge Transport and Recombination in Polymer Light-Emitting Diodes. Advanced Materials, 2014, 26, 512-531.	21.0	194
3	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
4	Trap-Limited Exciton Diffusion in Organic Semiconductors. Advanced Materials, 2014, 26, 1912-1917.	21.0	127
5	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
6	Overcoming Geminate Recombination and Enhancing Extraction in Solution-Processed Small Molecule Solar Cells. Advanced Energy Materials, 2014, 4, 1400230.	19.5	76
7	Crystallization-Induced Phase Separation in Solution-Processed Small Molecule Bulk Heterojunction Organic Solar Cells. Advanced Functional Materials, 2014, 24, 3543-3550.	14.9	66
8	Asymmetric electron and hole transport in a high-mobility n -type conjugated polymer. Physical Review B, 2012, 86,	3.2	63
9	Determination of the trap-assisted recombination strength in polymer light emitting diodes. Applied Physics Letters, 2011, 98, 093301.	3.3	53
10	Effects of Processing Conditions on the Recombination Reduction in Small Molecule Bulk Heterojunction Solar Cells. Advanced Energy Materials, 2014, 4, 1400438.	19.5	46
11	The Effect of Ketone Defects on the Charge Transport and Charge Recombination in Polyfluorenes. Advanced Functional Materials, 2011, 21, 4502-4509.	14.9	39
12	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
13	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
14	Optical detection of deep electron traps in poly(<i>p</i> -phenylene vinylene) light-emitting diodes. Applied Physics Letters, 2011, 99, .	3.3	16
15	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
16	Polymer light-emitting diodes with doped hole-transport layers. Physica Status Solidi (A) Applications and Materials Science, 2011, 208, 2482-2487.	1.8	2
17	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