

Shang-Chieh Chien

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

850
citations

933447

10
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

1593
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward High-Performance Semi-Transparent Polymer Solar Cells: Optimization of Ultra-Thin Light Absorbing Layer and Transparent Cathode Architecture. <i>Advanced Energy Materials</i> , 2013, 3, 417-423.	19.5	141
2	Extended spectral response in organic photomultiple photodetectors using multiple near-infrared dopants. <i>Applied Physics Letters</i> , 2012, 100, 013309.	3.3	44
3	Improved thin film morphology and bulk-heterojunction solar cell performance through systematic tuning of the surface energy of conjugated polymers. <i>Journal of Materials Chemistry</i> , 2012, 22, 5587.	6.7	73
4	High-Performance Inverted Polymer Solar Cells: Device Characterization, Optical Modeling, and Hole-Transporting Modifications. <i>Advanced Functional Materials</i> , 2012, 22, 2804-2811.	14.9	58
5	Simple source/drain contact structure for solution-processed n-channel fullerene thin-film transistors. <i>Organic Electronics</i> , 2012, 13, 599-603.	2.6	4
6	Flexible polymer solar cells prepared using hard stamps for the direct transfer printing of polymer blends with self-organized interfaces. <i>Journal of Materials Chemistry</i> , 2011, 21, 11378.	6.7	21
7	High-mobility low-bandgap conjugated copolymers based on indacenodithiophene and thiadiazolo[3,4-c]pyridine units for thin film transistor and photovoltaic applications. <i>Journal of Materials Chemistry</i> , 2011, 21, 13247.	6.7	102
8	Increased open circuit voltage in fluorinated benzothiadiazole-based alternating conjugated polymers. <i>Chemical Communications</i> , 2011, 47, 11026.	4.1	241
9	Suppression of phase separation through blending of electron transporting materials in polymer electrophosphorescent devices. <i>Journal of Luminescence</i> , 2011, 131, 565-569.	3.1	2
10	Highly sensitive, low-voltage, organic photomultiple photodetectors exhibiting broadband response. <i>Applied Physics Letters</i> , 2010, 97, 103301.	3.3	57
11	Highly-stable and efficient polymer solar cells incorporating nanoscale buffer layers induced by spontaneous vertical phase separation. , 2010, , .		0
12	Nanoscale functional interlayers formed through spontaneous vertical phase separation in polymer photovoltaic devices. <i>Journal of Materials Chemistry</i> , 2009, 19, 6865.	6.7	73
13	Single-layer triplet white polymer light-emitting diodes incorporating polymer oxides: Effect of charge trapping at phosphorescent dopants. <i>Applied Physics Letters</i> , 2009, 94, 043306.	3.3	24
14	High-Performance Single-Layer Polymer Electrophosphorescent Devices with Polymer Oxides. <i>Electrochemical and Solid-State Letters</i> , 2008, 11, J50.	2.2	9
15	P-223: Enhanced Power Efficiency of Single-Layer White Triplet Polymer Light-Emitting Diodes by Blending with Polymer Oxides. <i>Digest of Technical Papers SID International Symposium</i> , 2008, 39, 2043.	0.3	0
16	P-156: Polymeric Electrophosphorescent Devices with Low Turn-on Voltages and High Power Conversion Efficiency by Blending with Poly(ethylene glycol). <i>Digest of Technical Papers SID International Symposium</i> , 2007, 38, 788-791.	0.3	1