

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