

Chung-Chih Wu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

132
papers

5,855
citations

39
h-index

76
g-index

146
ext. papers

6,561
ext. citations

6.5
avg, IF

5.48
L-index

#	Paper	IF	Citations
132	Reflective 3D pixel configuration for enhancing efficiency of OLED displays. <i>Organic Electronics</i> , 2022 , 103, 106451	3.5	1
131	Chiral thermally activated delayed fluorescence emitters for circularly polarized luminescence and efficient deep blue OLEDs. <i>Dyes and Pigments</i> , 2022 , 197, 109860	4.6	4
130	Analyses of emission efficiencies of white organic light-emitting diodes having multiple emitters in single emitting layer. <i>Organic Electronics</i> , 2022 , 104, 106474	3.5	1
129	A Rational Molecular Design Strategy of TADF Emitter for Achieving Device Efficiency Exceeding 36%. <i>Advanced Optical Materials</i> , 2022 , 10, 2101791	8.1	2
128	Application of Conducting Polymers for Optical Out-Coupling of OLEDs 2022 , 379-417		
127	High-efficiency and low roll-off deep-blue OLEDs enabled by thermally activated delayed fluorescence emitter with preferred horizontal dipole orientation. <i>Chemical Engineering Journal</i> , 2021 , 433, 133598	14.7	3
126	High-Efficiency Red Electroluminescence Based on a Carbene-Cu(I)-Acridine Complex. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 13478-13486	9.5	15
125	28-1: Invited Paper: Efficient Thermally Activated Delayed Fluorescence Emitters with Preferentially Horizontal Dipole Orientations. <i>Digest of Technical Papers SID International Symposium</i> , 2021 , 52, 349-350	0.5	
124	Integrating molecular rigidity and chirality into thermally activated delayed fluorescence emitters for highly efficient sky-blue and orange circularly polarized electroluminescence. <i>Materials Horizons</i> , 2021 , 8, 547-555	14.4	34
123	Rational design of perfectly oriented thermally activated delayed fluorescence emitter for efficient red electroluminescence. <i>Science China Materials</i> , 2021 , 64, 920-930	7.1	17
122	Modulating the Electron-Donating Ability of Acridine Donor Units for Orange-Red Thermally Activated Delayed Fluorescence Emitters. <i>Chemistry - A European Journal</i> , 2021 , 27, 3151-3158	4.8	7
121	Realization of exceeding 80% external quantum efficiency in organic light-emitting diodes using high-index substrates and highly horizontal emitters. <i>Organic Electronics</i> , 2021 , 89, 106049	3.5	1
120	Quinazoline-based thermally activated delayed fluorescence emitters for high-performance organic light-emitting diodes with external quantum efficiencies about 28%. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 12633-12641	7.1	0
119	An unsymmetrical thermally activated delayed fluorescence emitter enables orange-red electroluminescence with 31.7% external quantum efficiency. <i>Materials Horizons</i> , 2021 , 8, 2286-2292	14.4	15
118	Enhance external quantum efficiency of organic light-emitting devices using thin transparent electrodes. <i>Organic Electronics</i> , 2021 , 89, 106057	3.5	3
117	Modified distributed Bragg reflector for protecting organic light-emitting diode displays against ultraviolet light. <i>Optics Express</i> , 2021 , 29, 7654-7665	3.3	4
116	76-3: Ultra-High-Efficiency OLED Display by 3D Pixel Configuration. <i>Digest of Technical Papers SID International Symposium</i> , 2020 , 51, 1135-1137	0.5	1

115	P-20: Image Distortion and Image Correction of Curved OLED Displays. <i>Digest of Technical Papers SID International Symposium, 2020, 51, 1404-1407</i>	0.5	
114	A Red Thermally Activated Delayed Fluorescence Emitter Simultaneously Having High Photoluminescence Quantum Efficiency and Preferentially Horizontal Emitting Dipole Orientation. <i>Advanced Functional Materials, 2020, 30, 1908839</i>	15.6	73
113	Acceptor plane expansion enhances horizontal orientation of thermally activated delayed fluorescence emitters. <i>Science Advances, 2020, 6,</i>	14.3	47
112	High-efficiency organic light emitting diodes using high-index transparent electrode. <i>Organic Electronics, 2020, 87, 105984</i>	3.5	1
111	Tuning the emissive characteristics of TADF emitters by fusing heterocycles with acridine as donors: highly efficient orange to red organic light-emitting diodes with EQE over 20%. <i>Journal of Materials Chemistry C, 2019, 7, 9087-9094</i>	7.1	16
110	P-175: Development of Anti-UV Structures for OLED Displays. <i>Digest of Technical Papers SID International Symposium, 2019, 50, 1891-1894</i>	0.5	1
109	P-179: Optics of Curved OLEDs. <i>Digest of Technical Papers SID International Symposium, 2019, 50, 1907-1910</i>	0.5	1
108	P-189: Distinguished Poster: 3D Pixel Configurations for Optical Out-coupling of OLED Displays- Part I: Optical Simulation. <i>Digest of Technical Papers SID International Symposium, 2019, 50, 1939-1942</i>	0.5	1
107	12-2: 3D Pixel Configurations for Optical Out-Coupling of OLED Displays Part II: Experimental Validation. <i>Digest of Technical Papers SID International Symposium, 2019, 50, 145-148</i>	0.5	
106	Intramolecular Dimerization Quenching of Delayed Emission in Asymmetric D-D'-A TADF Emitters. <i>Journal of Physical Chemistry C, 2019, 123, 12400-12410</i>	3.8	41
105	Three-dimensional pixel configurations for optical outcoupling of OLED displays optical simulation. <i>Journal of the Society for Information Display, 2019, 27, 273-284</i>	2.1	4
104	High-efficiency pure blue thermally activated delayed fluorescence emitters with a preferentially horizontal emitting dipole orientation via a spiro-linked double DA molecular architecture. <i>Journal of Materials Chemistry C, 2019, 7, 10851-10859</i>	7.1	33
103	Organic Light-Emitting Diodes: Achieving Nearly 30% External Quantum Efficiency for Orange-Red Organic Light Emitting Diodes by Employing Thermally Activated Delayed Fluorescence Emitters Composed of 1,8-Naphthalimide-Acridine Hybrids (Adv. Mater. 5/2018). <i>Advanced Materials, 2018, 30, 1872033</i>	24	6
102	Quantifying scattering coefficient for multiple scattering effect by combining optical coherence tomography with finite-difference time-domain simulation method. <i>Journal of Biomedical Optics, 2018, 23, 1-9</i>	3.5	1
101	Quantitative analyses of high electroluminescence efficiency of thermally activated delayed fluorescence emitters based on acridine-triazine hybrids. <i>Journal of Photonics for Energy, 2018, 8, 1</i>	1.2	3
100	Achieving Nearly 30% External Quantum Efficiency for Orange-Red Organic Light Emitting Diodes by Employing Thermally Activated Delayed Fluorescence Emitters Composed of 1,8-Naphthalimide-Acridine Hybrids. <i>Advanced Materials, 2018, 30, 1704961</i>	24	385
99	A Vision toward Ultimate Optical Out-Coupling for Organic Light-Emitting Diode Displays: 3D Pixel Configuration. <i>Advanced Science, 2018, 5, 1800467</i>	13.6	19
98	Efficient thermally activated delayed fluorescence of functional phenylpyridinato boron complexes and high performance organic light-emitting diodes. <i>Journal of Materials Chemistry C, 2017, 5, 1452-1462</i>	7.1	55

97	Bis-Tridentate Ir(III) Metal Phosphors for Efficient Deep-Blue Organic Light-Emitting Diodes. <i>Advanced Materials</i> , 2017 , 29, 1702464	24	92
96	Size-Dependent Multiple-Scattering Effects of Mesoporous TiO ₂ Beads Distinguished by Optical Coherence Tomography. <i>IEEE Photonics Journal</i> , 2017 , 9, 1-10	1.8	1
95	Organic LEDs: Sky-Blue Organic Light Emitting Diode with 37% External Quantum Efficiency Using Thermally Activated Delayed Fluorescence from Spiroacridine-Triazine Hybrid (Adv. Mater. 32/2016). <i>Advanced Materials</i> , 2016 , 28, 7029-7029	24	4
94	Delayed Fluorescence Emitters: Efficient and Tunable Thermally Activated Delayed Fluorescence Emitters Having Orientation-Adjustable CN-Substituted Pyridine and Pyrimidine Acceptor Units (Adv. Funct. Mater. 42/2016). <i>Advanced Functional Materials</i> , 2016 , 26, 7542-7542	15.6	1
93	Pyridyl Pyrrolide Boron Complexes: The Facile Generation of Thermally Activated Delayed Fluorescence and Preparation of Organic Light-Emitting Diodes. <i>Angewandte Chemie</i> , 2016 , 128, 3069-3073	2.6	26
92	Achieving Above 60% External Quantum Efficiency in Organic Light-Emitting Devices Using ITO-Free Low-Index Transparent Electrode and Emitters with Preferential Horizontal Emitting Dipoles. <i>Advanced Functional Materials</i> , 2016 , 26, 3250-3258	15.6	66
91	Pyridyl Pyrrolide Boron Complexes: The Facile Generation of Thermally Activated Delayed Fluorescence and Preparation of Organic Light-Emitting Diodes. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 3017-21	16.4	142
90	Electroluminescence from Spontaneously Generated Single-Vesicle Aggregates Using Solution-Processed Small Organic Molecules. <i>ACS Nano</i> , 2016 , 10, 998-1006	16.7	9
89	Sky-Blue Organic Light Emitting Diode with 37% External Quantum Efficiency Using Thermally Activated Delayed Fluorescence from Spiroacridine-Triazine Hybrid. <i>Advanced Materials</i> , 2016 , 28, 6976-83	24	723
88	Bis-Tridentate Ir(III) Complexes with Nearly Unitary RGB Phosphorescence and Organic Light-Emitting Diodes with External Quantum Efficiency Exceeding 31%. <i>Advanced Materials</i> , 2016 , 28, 2795-800	24	199
87	24-3: Invited Paper: Light Out-Coupling of OLEDs: the Transparent Electrode Effects. <i>Digest of Technical Papers SID International Symposium</i> , 2016 , 47, 298-300	0.5	
86	Simple Planar Indium-Tin-Oxide-Free Organic Light-Emitting Devices with Nearly 39% External Quantum Efficiency. <i>Advanced Optical Materials</i> , 2016 , 4, 365-370	8.1	15
85	Insight into the mechanism and outcoupling enhancement of excimer-associated white light generation. <i>Chemical Science</i> , 2016 , 7, 3556-3563	9.4	70
84	Efficient and Tunable Thermally Activated Delayed Fluorescence Emitters Having Orientation-Adjustable CN-Substituted Pyridine and Pyrimidine Acceptor Units. <i>Advanced Functional Materials</i> , 2016 , 26, 7560-7571	15.6	169
83	Effects of transparent bottom electrode thickness on characteristics of transparent organic light-emitting devices. <i>Organic Electronics</i> , 2016 , 39, 236-243	3.5	2
82	A versatile thermally activated delayed fluorescence emitter for both highly efficient doped and non-doped organic light emitting devices. <i>Chemical Communications</i> , 2015 , 51, 13662-5	5.8	236
81	Unlocking the full potential of conducting polymers for high-efficiency organic light-emitting devices. <i>Advanced Materials</i> , 2015 , 27, 929-34	24	26
80	Spontaneous Formation of Nanofibrillar and Nanoporous Structures in High-Conductivity Conducting Polymers and Applications for Dye-Sensitized Solar Cells. <i>Advanced Energy Materials</i> , 2015 , 5, 1401738	21.8	16

79	Light-Emitting Devices: Enhancing Optical Out-Coupling of Organic Light-Emitting Devices with Nanostructured Composite Electrodes Consisting of Indium Tin Oxide Nanomesh and Conducting Polymer (Adv. Mater. 33/2015). <i>Advanced Materials</i> , 2015 , 27, 4806-4806	24	2
78	Enhancing Optical Out-Coupling of Organic Light-Emitting Devices with Nanostructured Composite Electrodes Consisting of Indium Tin Oxide Nanomesh and Conducting Polymer. <i>Advanced Materials</i> , 2015 , 27, 4883-8	24	77
77	Porphyrins for efficient dye-sensitized solar cells covering the near-IR region. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 991-999	13	69
76	Highly efficient tandem organic light-emitting devices utilizing the connecting structure based on n-doped electron-transport layer/HATCN/hole-transport layer. <i>Applied Optics</i> , 2014 , 53, E1-6	1.7	11
75	Enhancing light out-coupling of organic light-emitting devices using indium tin oxide-free low-index transparent electrodes. <i>Applied Physics Letters</i> , 2014 , 104, 183302	3.4	23
74	Nano-particle based scattering layers for optical efficiency enhancement of organic light-emitting diodes and organic solar cells. <i>Journal of Applied Physics</i> , 2013 , 113, 204502	2.5	125
73	White Organic Light-Emitting Diode With Linearly Polarized Emission. <i>IEEE Photonics Technology Letters</i> , 2013 , 25, 1321-1323	2.2	17
72	Evaluation of propylene-, meta-, and para-linked triazine and tert-butyltriphenylamine as bipolar hosts for phosphorescent organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 2224	7.1	32
71	Light Outcoupling in Organic Light-Emitting Devices 2013 , 541-574		
70	Influences of Stacking Architectures of TiO ₂ Nanoparticle Layers on Characteristics of Dye-Sensitized Solar Cells. <i>Journal of Nanomaterials</i> , 2013 , 2013, 1-12	3.2	2
69	Bi-directional organic light-emitting diodes with nanoparticle-enhanced light outcoupling. <i>Laser and Photonics Reviews</i> , 2013 , 7, 1079-1087	8.3	15
68	Top-Gate Staggered a-IGZO TFTs Adopting the Bilayer Gate Insulator for Driving AMOLED. <i>IEEE Transactions on Electron Devices</i> , 2012 , 59, 1701-1708	2.9	21
67	Functionalizing organic dye with cross-linked electrolyte-blocking shell as a new strategy for improving DSSC efficiency. <i>RSC Advances</i> , 2012 , 2, 3722	3.7	9
66	Incorporation of a CN group into mCP: a new bipolar host material for highly efficient blue and white electrophosphorescent devices. <i>Journal of Materials Chemistry</i> , 2012 , 22, 16114		127
65	Photoinduced charge separation in donor-acceptor spiro compounds at metal and metal oxide surfaces: application in dye-sensitized solar cell. <i>RSC Advances</i> , 2012 , 2, 4869	3.7	21
64	A diarylborane-substituted carbazole as a universal bipolar host material for highly efficient electrophosphorescence devices. <i>Journal of Materials Chemistry</i> , 2012 , 22, 870-876		88
63	Novel oxygen sensor based on terfluorene thin-film and its enhanced sensitivity by stimulated emission. <i>Journal of Materials Chemistry</i> , 2012 , 22, 13446		9
62	Highly efficient blue organic light-emitting diode with an oligomeric host having high triplet-energy and high electron mobility. <i>Journal of Materials Chemistry</i> , 2011 , 21, 9546		45

61	Efficient organic DSSC sensitizers bearing an electron-deficient pyrimidine as an effective spacer. <i>Journal of Materials Chemistry</i> , 2011 , 21, 5950		99
60	61.4: High-Performance and Highly Rollable a-IGZO TFTs Adopting Composite Electrodes and Transparent Polyimide Substrates. <i>Digest of Technical Papers SID International Symposium</i> , 2010 , 41, 921 ^{0.5}		1
59	Phosphorescent Ir(III) complexes bearing double benzyldiphenylphosphine cyclometalates; strategic synthesis, fundamental and integration for white OLED fabrication. <i>Journal of Materials Chemistry</i> , 2010 , 20, 7682		63
58	Solid-state light-emitting electrochemical cells employing phosphor-sensitized fluorescence. <i>Journal of Materials Chemistry</i> , 2010 , 20, 5521		39
57	P-168: The Effects of Side Group and Its Link Position on OLED Performance: How to Control Side Groups for Efficient Emitters?. <i>Digest of Technical Papers SID International Symposium</i> , 2010 , 41, 1879	0.5	
56	5.4: Distinguished Paper: OLEDs Integrated with Internal Scattering Structure for Enhancing Optical Outcoupling. <i>Digest of Technical Papers SID International Symposium</i> , 2010 , 41, 50	0.5	8
55	P-34: Influences of Channel Deposition Conditions on Characteristics of Bottom-Gate Oxide TFTs Adopting In-Free Zinc-Tin Oxides. <i>Digest of Technical Papers SID International Symposium</i> , 2010 , 41, 1347 ^{0.5}		
54	An aromatic imine group enhances the EL efficiency and carrier transport properties of highly efficient blue emitter for OLEDs. <i>Journal of Materials Chemistry</i> , 2010 , 20, 5930		58
53	Utilizing surface plasmon polariton mediated energy transfer for tunable double-emitting organic light-emitting devices. <i>Organic Electronics</i> , 2010 , 11, 397-406	3.5	23
52	Characterizing coherence lengths of organic light-emitting devices using Newton's rings apparatus. <i>Organic Electronics</i> , 2010 , 11, 439-444	3.5	11
51	Single molecule color controllable light emitting organic field effect transistors for white light emission with high color stability. <i>Applied Physics Letters</i> , 2009 , 95, 063303	3.4	18
50	Low-temperature electronic structures and intramolecular interaction of oligofluorenes studied by synchrotron photoemission spectroscopy. <i>Applied Physics Letters</i> , 2009 , 95, 083302	3.4	
49	Electronic and chemical properties of molybdenum oxide doped hole injection layers in organic light emitting diodes. <i>Journal of Applied Physics</i> , 2009 , 105, 033717	2.5	46
48	Microcavity top-emitting organic light-emitting devices integrated with diffusers for simultaneous enhancement of efficiencies and viewing characteristics. <i>Applied Physics Letters</i> , 2009 , 94, 103302	3.4	72
47	High efficiency blue light emitting unipolar transistor incorporating multifunctional electrodes. <i>Applied Physics Letters</i> , 2009 , 94, 153307	3.4	16
46	Guest Editorial Special Issue on Transparent Electronics. <i>Journal of Display Technology</i> , 2009 , 5, 429-430		1
45	Rational Design of Charge-Neutral, Near-Infrared-Emitting Osmium(II) Complexes and OLED Fabrication. <i>Advanced Functional Materials</i> , 2009 , 19, 2639-2647	15.6	127
44	Versatile, Benzimidazole/Amine-Based Ambipolar Compounds for Electroluminescent Applications: Single-Layer, Blue, Fluorescent OLEDs, Hosts for Single-Layer, Phosphorescent OLEDs. <i>Advanced Functional Materials</i> , 2009 , 19, 2661-2670	15.6	175

43	En Route to High External Quantum Efficiency (~12%), Organic True-Blue-Light-Emitting Diodes Employing Novel Design of Iridium (III) Phosphors. <i>Advanced Materials</i> , 2009 , 21, 2221-2225	24	186
42	The Influence of Channel Compositions on the Electrical Properties of Solution-Processed Indium-Zinc Oxide Thin-Film Transistors. <i>Journal of Display Technology</i> , 2009 , 5, 509-514		19
41	Self-Aligned Top-Gate Coplanar In-Ga-Zn-O Thin-Film Transistors. <i>Journal of Display Technology</i> , 2009 , 5, 515-519		52
40	P-152: Efficient Single-Layer Phosphorescent Green, Blue and White OLEDs Employing Large-Triplet-Energy and Ambipolar Hosts. <i>Digest of Technical Papers SID International Symposium</i> , 2009 , 40, 1691	0.5	
39	P-150: Microcavity Top-Emitting OLEDs Integrated with Micro-Particle Diffusers: Simultaneous Enhancement of Efficiency and Viewing Characteristics. <i>Digest of Technical Papers SID International Symposium</i> , 2009 , 40, 1685	0.5	1
38	Modeling of amorphous InGaZnO ₄ thin film transistors and their subgap density of states. <i>Applied Physics Letters</i> , 2008 , 92, 133503	3.4	289
37	P-29: Modeling of Amorphous Oxide Semiconductor Thin Film Transistors and Subgap Density of States. <i>Digest of Technical Papers SID International Symposium</i> , 2008 , 39, 1277	0.5	8
36	Achieving three-peak white organic light-emitting devices using wavelength-selective mirror electrodes. <i>Applied Physics Letters</i> , 2008 , 92, 123303	3.4	17
35	Self-aligned top-gate amorphous In-Ga-Zn-O thin film transistors 2008 ,		1
34	P-11: Amorphous In ₂ O ₃ -Ga ₂ O ₃ -ZnO Thin Film Transistors and Integrated Circuits on Flexible and Colorless Polyimide Substrates. <i>Digest of Technical Papers SID International Symposium</i> , 2008 , 39, 1207	0.5	13
33	P-212: Architecture Design for Efficient True-Blue Phosphorescent OLEDs. <i>Digest of Technical Papers SID International Symposium</i> , 2008 , 39, 2005	0.5	1
32	Solution-Processable Liquid Crystals of Luminescent Aluminum(8-Hydroxyquinoline-5-sulfonato) Complexes. <i>Advanced Materials</i> , 2008 , 20, 3462-3467	24	46
31	Benzimidazole/Amine-Based Compounds Capable of Ambipolar Transport for Application in Single-Layer Blue-Emitting OLEDs and as Hosts for Phosphorescent Emitters. <i>Angewandte Chemie</i> , 2008 , 120, 591-595	3.6	50
30	Well Defined Carbazol-3,9-Diyl Based Oligomers as Host Materials for Organic Electro-Phosphorescent Devices. <i>Molecular Crystals and Liquid Crystals</i> , 2007 , 468, 77/[429]-86/[438]	0.5	1
29	Microcavity top-emitting organic light-emitting devices integrated with microlens arrays: Simultaneous enhancement of quantum efficiency, cd/A efficiency, color performances, and image resolution. <i>Applied Physics Letters</i> , 2007 , 91, 253508	3.4	76
28	P-186: OLEDs Integrated with Solar Cells: High Contrast and Energy Recycling. <i>Digest of Technical Papers SID International Symposium</i> , 2007 , 38, 896-898	0.5	
27	59.4: Microcavity Top-Emitting OLEDs Integrated with Microlens Arrays: Simultaneous Enhancement of Quantum Efficiency, cd/A Efficiency and Color Performances. <i>Digest of Technical Papers SID International Symposium</i> , 2007 , 38, 1698-1700	0.5	1
26	P-151: Efficient Solution-Processable Solid-State Light-Emitting Electrochemical Cells Based on Host-Guest Cationic Phosphorescent Complexes. <i>Digest of Technical Papers SID International Symposium</i> , 2007 , 38, 768-771	0.5	

25	P-162: Recycling Surface Plasmon Polaritons of OLED for Tunable Double Emission and Efficiency Enhancement. <i>Digest of Technical Papers SID International Symposium, 2007, 38, 806-809</i>	0.5	2
24	P-152: Efficient Blue Phosphorescent OLEDs Employing Novel Oligocarbazoles as High-Triplet-Energy Host Materials. <i>Digest of Technical Papers SID International Symposium, 2007, 38, 772-775</i>	0.5	1
23	P-154: Efficient White OLEDs Employing Phosphorescent Sensitization. <i>Digest of Technical Papers SID International Symposium, 2007, 38, 780-783</i>	0.5	
22	64.3: High-Efficiency Phosphorescent White OLEDs Using Red-Emitting Osmium Complex and Blue-Emitting Iridium Complex. <i>Digest of Technical Papers SID International Symposium, 2007, 38, 1772-1775</i>	0.5	2
21	25.2: Achieving Three-Peak White Organic Light-Emitting Devices Using Wavelength-Selective Mirror Electrodes. <i>Digest of Technical Papers SID International Symposium, 2007, 38, 1110-1113</i>	0.5	
20	Efficient White OLEDs Employing Phosphorescent Sensitization. <i>Journal of Display Technology, 2007, 3, 193-199</i>		26
19	Electronic structures and electron-injection mechanisms of cesium-carbonate-incorporated cathode structures for organic light-emitting devices. <i>Applied Physics Letters, 2006, 88, 152104</i>	3.4	148
18	35.4: Enhancing Light Outcoupling of Organic Light-Emitting Devices by Locating Emitters around the Second Antinode of the Reflective Metal Electrode. <i>Digest of Technical Papers SID International Symposium, 2006, 37, 1380</i>	0.5	1
17	Enhancing light outcoupling of organic light-emitting devices by locating emitters around the second antinode of the reflective metal electrode. <i>Applied Physics Letters, 2006, 88, 081114</i>	3.4	110
16	29.1: 200 cd/A Microcavity Two-Unit Tandem Organic Light-Emitting Devices. <i>Digest of Technical Papers SID International Symposium, 2006, 37, 1284</i>	0.5	
15	11.4: Highly Efficient Blue Organic Electrophosphorescent Devices Based on 3,6-Bis(triphenylsilyl)Carbazole as the Host Material. <i>Digest of Technical Papers SID International Symposium, 2006, 37, 139</i>	0.5	1
14	4.2: Scaling Effects on ZnO Transparent TFTs. <i>Digest of Technical Papers SID International Symposium, 2006, 37, 21</i>	0.5	1
13	P-193: White-Emitting Tandem Organic Light-Emitting Devices with an Effective Connecting Architecture. <i>Digest of Technical Papers SID International Symposium, 2006, 37, 954</i>	0.5	1
12	Advanced organic light-emitting devices for enhancing display performances. <i>Journal of Display Technology, 2005, 1, 248-266</i>		114
11	38.3: LTPS Active Matrix OLED Displays Incorporating High-Contrast Top-Emitting OLEDs. <i>Digest of Technical Papers SID International Symposium, 2005, 36, 1348</i>	0.5	6
10	Examining microcavity organic light-emitting devices having two metal mirrors. <i>Applied Physics Letters, 2005, 87, 021101</i>	3.4	134
9	Methodology for optimizing viewing characteristics of top-emitting organic light-emitting devices. <i>Applied Physics Letters, 2004, 84, 3966-3968</i>	3.4	73
8	P-108: Efficient and Low-Voltage Top-Emitting OLED Using Surface-Modified Ag Anode. <i>Digest of Technical Papers SID International Symposium, 2004, 35, 682</i>	0.5	

7	5.4: A Methodology for Optimizing Viewing Characteristics of Top-Emitting Organic Light-Emitting Devices. <i>Digest of Technical Papers SID International Symposium</i> , 2004 , 35, 54	0.5	
6	Unusual nondispersive ambipolar carrier transport and high electron mobility in amorphous ter(9,9-diarylfuorene)s. <i>Journal of the American Chemical Society</i> , 2003 , 125, 3710-1	16.4	181
5	Top-emitting organic light-emitting devices using surface-modified Ag anode. <i>Applied Physics Letters</i> , 2003 , 83, 5127-5129	3.4	188
4	Three-color reconfigurable organic light-emitting devices. <i>Applied Physics Letters</i> , 2003 , 83, 611-613	3.4	19
3	Solvent-assisted dye-diffusion thermal transfer for electronic imaging applications. <i>Applied Physics Letters</i> , 2002 , 80, 1117-1119	3.4	3
2	Graded doping profiles for reduction of carrier trapping in organic light-emitting devices incorporating doped polymers. <i>Applied Physics Letters</i> , 2001 , 78, 574-576	3.4	22
1	Finite-source dye-diffusion thermal transfer for doping and color integration of organic light-emitting devices. <i>Applied Physics Letters</i> , 2000 , 77, 794-796	3.4	16