

Jiun-Haw Lee

List of Publications by Year in descending order

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209
papers

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citations

109321

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59
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4638
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Solid-State triplet-triplet annihilation up-conversion electroluminescence device by incorporating intermolecular intersystem-crossing dark sensitizer. <i>Chemical Engineering Journal</i> , 2022, 427, 130889.	12.7	15
2	An extended π -backbone for highly efficient near-infrared thermally activated delayed fluorescence with enhanced horizontal molecular orientation. <i>Materials Horizons</i> , 2022, 9, 772-779.	12.2	26
3	Donor disubstituted trifluoromethyl benzenes for various electroluminescent devices. <i>Dyes and Pigments</i> , 2022, 198, 109956.	3.7	4
4	New bipolar host materials for high power efficiency green thermally activated delayed fluorescence OLEDs. <i>Chemical Engineering Journal</i> , 2022, 442, 136292.	12.7	9
5	P432: Simultaneous Enhancement of Efficiency and Lifetime in Blue Triplet-Triplet Annihilation Organic Light-Emitting Diodes Using Double-Emitting Layer Structure. <i>Digest of Technical Papers SID International Symposium</i> , 2022, 53, 1506-1508.	0.3	0
6	P488: Efficiency Improvement of Top-Emission Green Quantum-Dot Light-Emitting Diode with Dielectric-Metal-Dielectric Cathode. <i>Digest of Technical Papers SID International Symposium</i> , 2022, 53, 1355-1356.	0.3	2
7	Performance improvement of blue quantum dot light-emitting diodes by facilitating electron transportation and suppressing electroplex emission. <i>Chemical Engineering Journal</i> , 2021, 417, 127983.	12.7	5
8	A deep-dyeing strategy for ultra-stable, brightly luminescent perovskite-polymer composites. <i>Journal of Materials Chemistry C</i> , 2021, 9, 3396-3402.	5.5	6
9	New carboline-based donors for green exciplex-forming systems. <i>Journal of the Chinese Chemical Society</i> , 2021, 68, 482-490.	1.4	3
10	Clarifying novelty and plagiarism: Submitting SID conference proceedings to JSID. <i>Journal of the Society for Information Display</i> , 2021, 29, 219-220.	2.1	0
11	Effect of Carrier-Transporting Layer on Blue Phosphorescent Organic Light-Emitting Diodes. <i>Photonics</i> , 2021, 8, 124.	2.0	1
12	Deep Blue Fluorescent Material with an Extremely High Ratio of Horizontal Orientation to Enhance Light Outcoupling Efficiency (44%) and External Quantum Efficiency in Doped and Non-Doped Organic Light-Emitting Diodes. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 34605-34615.	8.0	13
13	Long-Distance Triplet Diffusion and Well-Packing Hosts with Ultralow Dopant Concentration for Achieving High-Efficiency TADF OLED. <i>Advanced Optical Materials</i> , 2021, 9, 2100857.	7.3	12
14	Room-temperature corrugated indium zinc oxide anode to achieve high-efficiency blue phosphorescent organic light-emitting diodes. <i>Organic Electronics</i> , 2021, 96, 106237.	2.6	6
15	Tetraphenyl ornamented carbazoyl disubstituted diphenyl sulfone as bipolar TADF host for highly efficient OLEDs with low efficiency roll-offs. <i>Dyes and Pigments</i> , 2021, 194, 109573.	3.7	7
16	Lifetime elongation of quantum-dot light-emitting diodes by inhibiting the degradation of hole transport layer. <i>RSC Advances</i> , 2021, 11, 20884-20891.	3.6	6
17	Why triage materials with low luminescence quantum efficiency: the use of 35Cbz4BzCN as a universal host for organic light emitting diodes through effective triplet energy transfer. <i>Journal of Materials Chemistry C</i> , 2021, 9, 2381-2391.	5.5	3
18	Exciplex-forming derivatives of 2,7-di-tert-butyl-9,9-dimethylacridan and benzotrifluoride for efficient OLEDs. <i>Organic Electronics</i> , 2020, 78, 105576.	2.6	11

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19	65â€³: Green Topâ€ emission Quantum Dot Lightâ€ emitting Diodes (TEâ€ OLED) with Normal and Inverted Structure. Digest of Technical Papers SID International Symposium, 2020, 51, 968-970.	0.3	0
20	Thickness-Dependent Exciton Dynamics in Thermally Evaporated Rubrene Thin Films. Journal of Physical Chemistry C, 2020, 124, 25729-25737.	3.1	4
21	Pâ€168: High Efficiency (EQE>30%) TADFâ€ OLED with Lightlyâ€ doped Emitter (0.5%) by using TADFâ€ Host. Digest of Technical Papers SID International Symposium, 2020, 51, 2020-2021.	0.3	0
22	Bistriazoles with a Biphenyl Core Derivative as an Electron-Favorable Bipolar Host of Efficient Blue Phosphorescent Organic Light-Emitting Diodes. ACS Applied Materials & Interfaces, 2020, 12, 49895-49904.	8.0	13
23	Analysis of the triplet exciton transfer mechanism at the heterojunctions of organic light-emitting diodes. Journal Physics D: Applied Physics, 2020, 53, 345501.	2.8	6
24	Oxygen sensing and OLED applications of di- <i>tert</i> -butyl-dimethylacridinyl disubstituted oxygafluorene exhibiting long-lived deep-blue delayed fluorescence. Journal of Materials Chemistry C, 2020, 8, 9632-9638.	5.5	7
25	Control of Î€â€ stacking in carbazole-benzimidazoâ€1,2- <i>f</i> -â€phenanthridines: the design of electron-transporting bipolar hosts for phosphorescent organic light-emitting diodes. Journal of Materials Chemistry C, 2020, 8, 3571-3579.	5.5	12
26	Revealing the mechanism of carrier transport in host-guest systems of organic materials with a modified Poisson and drift-diffusion solver. Physical Review Materials, 2020, 4, .	2.4	6
27	Synthesis and Performance in OLEDs of Selenium-Containing Phosphorescent Emitters with Red Emission Color Deeper Than the Corresponding NTSC Standard. Inorganic Chemistry, 2019, 58, 10174-10183.	4.0	22
28	Distinct Routes of Singlet Fission and Triplet Fusion: A Fluorescence Kinetic Study of Rubrene. Journal of Physical Chemistry C, 2019, 123, 3279-3284.	3.1	11
29	Methoxy- and <i>tert</i> -butyl-substituted meta-bis(N-carbazolyl)phenylenes as hosts for organic light-emitting diodes. Organic Electronics, 2019, 73, 317-326.	2.6	20
30	33â€4: Invited Paper: A Chemical Structure Approach Enhancing Light Outcoupling of Dopant OLEDs and Internal Quantum Efficiency of Nonâ€ Dopant OLEDs Having Bluish TADF Emitters. Digest of Technical Papers SID International Symposium, 2019, 50, 470-473.	0.3	0
31	Pâ€120: Degradation Mechanism and Lifetime Improvement of Blue Quantumâ€ Dot Lightâ€ Emitting Diodes. Digest of Technical Papers SID International Symposium, 2019, 50, 1700-1701.	0.3	3
32	New Dâ€Aâ€A-Configured Small-Molecule Donors for High-Efficiency Vacuum-Processed Organic Photovoltaics under Ambient Light. ACS Applied Materials & Interfaces, 2019, 11, 8337-8349.	8.0	50
33	Carrier Transport and Recombination Mechanism in Blue Phosphorescent Organic Light-Emitting Diode with Hosts Consisting of Cabazole- and Triazole-Moiety. Scientific Reports, 2019, 9, 3654.	3.3	28
34	Blue organic light-emitting diodes: current status, challenges, and future outlook. Journal of Materials Chemistry C, 2019, 7, 5874-5888.	5.5	412
35	Effect of trapped electrons on the transient current density and luminance of organic light-emitting diode. Journal Physics D: Applied Physics, 2018, 51, 144003.	2.8	7
36	Liquid crystal display and organic light-emitting diode display: present status and future perspectives. Light: Science and Applications, 2018, 7, 17168-17168.	16.6	667

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37	Exciton dynamics in heterojunction thin-film devices based on exciplex-sensitized triplet-triplet annihilation. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 27449-27455.	2.8	16
38	Simple Molecular-Engineering Approach for Enhancing Orientation and Outcoupling Efficiency of Thermally Activated Delayed Fluorescent Emitters without Red-Shifting Emission. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 43842-43849.	8.0	30
39	31.4: <i>Invited Paper:</i> Long-Lifetime Blue Organic Light-Emitting Diode. <i>Digest of Technical Papers SID International Symposium</i> , 2018, 49, 343-344.	0.3	0
40	Efficient Triplet-Triplet Annihilation Upconversion in an Electroluminescence Device with a Fluorescent Sensitizer and a Triplet-Diffusion Singlet-Blocking Layer. <i>Advanced Materials</i> , 2018, 30, e1804850.	21.0	47
41	Construction of Highly Efficient Carbazol-9-yl-Substituted Benzimidazole Bipolar Hosts for Blue Phosphorescent Light-Emitting Diodes: Isomer and Device Performance Relationships. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 42723-42732.	8.0	37
42	P-108: Positive Aging Mechanisms for High-efficiency Blue Quantum Dot Light-emitting Diodes. <i>Digest of Technical Papers SID International Symposium</i> , 2018, 49, 1622-1624.	0.3	8
43	33-3: Systematic Optimization for Achieving Indistinguishable Color Shift of RGB OLED Displays. <i>Digest of Technical Papers SID International Symposium</i> , 2018, 49, 418-421.	0.3	2
44	Organic Light-Emitting Diodes/Light Extraction. , 2018, , 247-255.		0
45	13-2: <i>Invited Paper:</i> High Efficiency Phosphorescence and Thermally Activated Delayed Fluorescence Organic Light Emitting Device. <i>Digest of Technical Papers SID International Symposium</i> , 2018, 49, 136-137.	0.3	1
46	Colour stability of Blue-Green and white phosphorescent organic light-emitting diode employing a 9-(2-(4,5-diphenyl-4H-1,2,4-triazol-3-yl)phenyl)-9H-carbazole host. <i>Dyes and Pigments</i> , 2017, 141, 463-469.	3.7	3
47	Exciplex-Sensitized Triplet-Triplet Annihilation in Heterojunction Organic Thin-Film. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 10963-10970.	8.0	39
48	Increase of current density and luminance in organic light-emitting diode with reverse bias driving. <i>Organic Electronics</i> , 2017, 48, 330-335.	2.6	6
49	10-1: Invited Paper : OLED Lifetime Improvement with Exciplex Sensitized Triplet-Triplet Annihilation. <i>Digest of Technical Papers SID International Symposium</i> , 2017, 48, 112-114.	0.3	4
50	P-196: High Efficiency Blue Phosphorescence Organic Light Emitting Device with Novel CbzBZ host. <i>Digest of Technical Papers SID International Symposium</i> , 2017, 48, 2003-2005.	0.3	1
51	P-182: Universal Host -DiCbzBz for High Efficiency Phosphorescence and Thermal Active Delayed Fluorescence Organic Light Emitting Device. <i>Digest of Technical Papers SID International Symposium</i> , 2017, 48, 1957-1959.	0.3	1
52	40-4: Moth-Eye Anti-reflection Surface for Sunlight Readable Flexible Displays. <i>Digest of Technical Papers SID International Symposium</i> , 2017, 48, 574-577.	0.3	1
53	Networking hole and electron hopping paths by Y-shaped host molecules: promoting blue phosphorescent organic light emitting diodes. <i>Journal of Materials Chemistry C</i> , 2017, 5, 3600-3608.	5.5	12
54	Broadband antireflection film with moth-eye-like structure for flexible display applications. <i>Optica</i> , 2017, 4, 678.	9.3	122

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55	Modeling of carrier transport in organic light emitting diode with random dopant effects by two-dimensional simulation. Optics Express, 2017, 25, 25492.	3.4	8
56	Analysis and optimization on the angular color shift of RGB OLED displays. Optics Express, 2017, 25, 33629.	3.4	44
57	P-161: 89.3% Lifetime Elongation of Blue TTA-OLED with Assistant Host. Digest of Technical Papers SID International Symposium, 2016, 47, 1727-1729.	0.3	7
58	High efficiency quantum dot and organic LEDs with a back-cavity and a high index substrate. Journal Physics D: Applied Physics, 2016, 49, 145103.	2.8	18
59	Device performances of exciplex organic light-emitting diodes with different emitting layer thickness. , 2016, , .		0
60	High efficiency blue phosphorescent organic light-emitting diode using tetraphenylsilane core molecule as host material. , 2016, , .		0
61	Blue phosphorescent organic light-emitting diode with triazole host achieving high current efficiency. , 2016, , .		0
62	Easy Access to NO ₂ -Containing Donor-Acceptor Electron Donors for High Efficiency Small-Molecule Organic Solar Cells. ChemSusChem, 2016, 9, 1433-1441.	6.8	18
63	Suppression of surface recombination in CuInSe ₂ (CIS) thin films via Trioctylphosphine Sulfide (TOP:S) surface passivation. Acta Materialia, 2016, 106, 171-181.	7.9	13
64	Orthogonally Substituted Benzimidazole-Carbazole Benzene As Universal Hosts for Phosphorescent Organic Light-Emitting Diodes. Organic Letters, 2016, 18, 672-675.	4.6	78
65	Boron subphthalocyanine-based organic photovoltaic device with record high open circuit voltage. , 2015, , .		0
66	40.4: High Efficiency Blue Phosphorescent Organic Light-Emitting Diodes with >57 cd/A, >50 lm/W, and >25 % External Quantum Efficiency. Digest of Technical Papers SID International Symposium, 2015, 46, 613-616.	0.3	0
67	22.3: CbzTAZ Hosts in Blue Organic Light Emitting Devices Perform a High Current Efficiency more than 50 cd/A. Digest of Technical Papers SID International Symposium, 2015, 46, 320-322.	0.3	2
68	A Turbidity Test Based Centrifugal Microfluidics Diagnostic System for Simultaneous Detection of HBV, HCV, and CMV. Advances in Materials Science and Engineering, 2015, 2015, 1-8.	1.8	5
69	Electrical and optical characteristics of phosphorescent organic light-emitting device with thin-codoped layer insertion. Organic Electronics, 2015, 24, 182-187.	2.6	13
70	A novel donor-acceptor-acceptor molecular for planar mix heterojunction C ₆₀ -based organic solar cells. , 2015, , .		0
71	A new anodic buffer layer material for non-mixed planar heterojunction chloroboron subphthalocyanine organic photovoltaic achieving 96% internal quantum efficiency. Solar Energy Materials and Solar Cells, 2015, 137, 138-145.	6.2	10
72	The Effects of Fluorine-Contained Molecules on Improving the Polymer Solar Cell by Curing the Anomalous S-Shaped I-V Curve. ACS Applied Materials & Interfaces, 2015, 7, 6683-6689.	8.0	3

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73	Engineering on Ag anode for efficient top-illuminated small molecular photovoltaic. , 2014, , .		0
74	P.130: Fabrication of Liquid Crystal Cell with Corrugated and Parallel Electrodes. Digest of Technical Papers SID International Symposium, 2014, 45, 1476-1477.	0.3	0
75	28.3: Flexible Substrate with Low Reflection, Low Haze, Self-cleaning, and High Hardness by Nanostructured Hard Coating and Surface Treatment. Digest of Technical Papers SID International Symposium, 2014, 45, 371-373.	0.3	2
76	45.2: Extraction Efficiency Enhancement of AMOLED Display with Acceptable Blur by Attaching Trapezoid Array Film. Digest of Technical Papers SID International Symposium, 2014, 45, 646-647.	0.3	1
77	P.162L: <i>Late News Poster</i>: Novel Bipolar Carbazole-triazole Derivative as Host of Blue PhOLEDs. Digest of Technical Papers SID International Symposium, 2014, 45, 1586-1588.	0.3	1
78	Improvement in Device Performance and Reliability of Organic Light-Emitting Diodes through Deposition Rate Control. International Journal of Photoenergy, 2014, 2014, 1-7.	2.5	0
79	Chloroboron subphthalocyanine/C60 planar heterojunction organic solar cell with N,N-dicarbazolyl-3,5-benzene blocking layer. Solar Energy Materials and Solar Cells, 2014, 122, 264-270.	6.2	33
80	Strength, stiffness, and microstructure of Cu(In,Ga)Se2 thin films deposited via sputtering and co-evaporation. Applied Physics Letters, 2014, 105, 011907.	3.3	35
81	Dynamics of molecular excitons near a semiconductor surface studied by fluorescence quenching of polycrystalline tetracene on silicon. Chemical Physics Letters, 2014, 601, 33-38.	2.6	35
82	Enhancement in open circuit voltage of organic photovoltaic devices through control of deposition rate of donor material. Solar Energy Materials and Solar Cells, 2013, 109, 280-287.	6.2	8
83	Novel Ambipolar Orthogonal Donor-Acceptor Host for Blue Organic Light Emitting Diodes. Organic Letters, 2013, 15, 4694-4697.	4.6	37
84	P.112: High Efficiency Blue Phosphorescence Organic Light Emitting Device with Novel CbzTAZ host. Digest of Technical Papers SID International Symposium, 2013, 44, 1407-1409.	0.3	1
85	Tandem Organic Light-Emitting Diode and Organic Photovoltaic Device Inside Polymer Dispersed Liquid Crystal Cell. Journal of Display Technology, 2013, 9, 787-793.	1.2	8
86	Fabrication of an organic light-emitting diode inside a liquid crystal display. Thin Solid Films, 2013, 545, 471-475.	1.8	4
87	Revealing local, enhanced optical field characteristics of Au nanoparticle arrays with 10 nm gap using scattering-type scanning near-field optical microscopy. Physical Chemistry Chemical Physics, 2013, 15, 4275.	2.8	15
88	High <i>K</i> Nanophase Zinc Oxide on Biomimetic Silicon Nanotip Array as Supercapacitors. Nano Letters, 2013, 13, 1422-1428.	9.1	27
89	Organic-based plasmonic emitters for sensing applications. Applied Optics, 2013, 52, 1383.	1.8	7
90	P.95: Process Technology of Flexible and Transparent Display by Stacking OLED and PDLC Embedded with OPV. Digest of Technical Papers SID International Symposium, 2013, 44, 1344-1346.	0.3	0

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91	22.4: Multi-Stable LCD with Dual-Frequency Reverse-Mode Polymer Stabilized Cholesteric Texture. Digest of Technical Papers SID International Symposium, 2013, 44, 264-266.	0.3	3
92	Enhanced optical coupling in localized and band-gap characteristics of plasmonic nanostructure. Proceedings of SPIE, 2012, , .	0.8	0
93	Reverse-Mode Polymer-Stabilized Dual-Frequency Cholesteric Texture Cell for Dual Mode Operations. Journal of Display Technology, 2012, 8, 663-668.	1.2	8
94	Surface plasmon coupled emission in highly directional and sensitive plasmonic devices. Proceedings of SPIE, 2012, , .	0.8	0
95	39.2: Fully Integration of Transflective Hybrid Device Consisting of PDLC, OLED and OPV. Digest of Technical Papers SID International Symposium, 2012, 43, 534-536.	0.3	0
96	1,3,4-Oxadiazole Containing Silanes as Novel Hosts for Blue Phosphorescent Organic Light Emitting Diodes. Organic Letters, 2012, 14, 4986-4989.	4.6	26
97	Fast-Response Blue-Phase Liquid Crystal for Color-Sequential Projection Displays. Journal of Display Technology, 2012, 8, 352-356.	1.2	20
98	Synthesis and Properties of Oxygen-Linked N-Phenylcarbazole Dendrimers. Macromolecules, 2012, 45, 751-765.	4.8	37
99	Optical effects of shadow masks on short circuit current of organic photovoltaic devices. Physical Chemistry Chemical Physics, 2012, 14, 3837.	2.8	2
100	Comparison of short and long wavelength absorption electron donor materials in C60-based planar heterojunction organic photovoltaics. Organic Electronics, 2012, 13, 2118-2129.	2.6	15
101	67.4: Submillisecond-Response Blue-Phase Liquid Crystal for Color Sequential Projection Displays. Digest of Technical Papers SID International Symposium, 2012, 43, 918-921.	0.3	1
102	P-121: Colorful Reflective Organic Light Emitting Device without Bias. Digest of Technical Papers SID International Symposium, 2012, 43, 1514-1515.	0.3	0
103	P-25: Improvement of Coupling Efficiency of OLED by Using Centered-Hollow Micro-Lens Array Film together with V-Grooves. Digest of Technical Papers SID International Symposium, 2012, 43, 1527-1530.	0.3	0
104	Enhancing efficiency with fluorinated interlayers in small molecule organic solar cells. Journal of Materials Chemistry, 2012, 22, 22899.	6.7	20
105	Open-circuit voltage and efficiency improvement of subphthalocyanine-based organic photovoltaic device through deposition rate control. Solar Energy Materials and Solar Cells, 2012, 103, 69-75.	6.2	39
106	High Photoelectric Conversion Efficiency of Metal Phthalocyanine/Fullerene Heterojunction Photovoltaic Device. International Journal of Molecular Sciences, 2011, 12, 476-505.	4.1	82
107	Stamped Self-Assembled Monolayers on Electrode for Connecting Organic Light-Emitting Diode and Organic Photovoltaic Device. Journal of Display Technology, 2011, 7, 229-234.	1.2	5
108	Enhancement and Saturation Phenomena on Luminous Current and Power Efficiencies of Organic Light-Emitting Devices by Attaching Microlens Array Films. Journal of Display Technology, 2011, 7, 242-249.	1.2	6

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109	Optimizing hole-injection in organic electroluminescent devices by modifying CuPc/NPB interface. Synthetic Metals, 2011, 161, 1828-1831.	3.9	12
110	Tuning open-circuit voltage in organic solar cells by magnesium modified Alq3. Journal of Applied Physics, 2011, 110, 083104.	2.5	4
111	Device-dependent angular luminance enhancement and optical responses of organic light-emitting devices with a microlens-array film. Journal of the Society for Information Display, 2011, 19, 21-28.	2.1	5
112	P-115: Electrical, Optical, and ITO Characteristics of a Flexible OLED Display. Digest of Technical Papers SID International Symposium, 2011, 42, 1539-1541.	0.3	0
113	P-131: Fully Integration of Transflective Hybrid Device Consisting of PSCT and In-cell OLED. Digest of Technical Papers SID International Symposium, 2011, 42, 1602-1605.	0.3	4
114	P-178: Semi-transparent Tandem Device Comprising Organic Light-emitting Diodes and Organic Solar Cell. Digest of Technical Papers SID International Symposium, 2011, 42, 1767-1769.	0.3	2
115	P-180: Low-Reflectance Organic Light-emitting Diode Embedded with Organic Solar Cell. Digest of Technical Papers SID International Symposium, 2011, 42, 1773-1775.	0.3	0
116	68.3: Achieving High Efficiency White Organic Light-emitting Diodes based on Transient Electroluminescence Analysis. Digest of Technical Papers SID International Symposium, 2011, 42, 1010-1012.	0.3	0
117	Tuning energy levels in magnesium modified Alq3. Journal of Applied Physics, 2011, 109, 083541.	2.5	4
118	Emitting layer design of a white organic light-emitting device. Current Applied Physics, 2011, 11, S183-S185.	2.4	6
119	Roughness characterization of silver oxide anodes for use in efficient top-illuminated organic solar cells. Solar Energy Materials and Solar Cells, 2011, 95, 2606-2609.	6.2	16
120	White organic light-emitting devices with ultra-high color stability over wide luminance range. Organic Electronics, 2011, 12, 547-555.	2.6	41
121	Dopant effects in phosphorescent white organic light-emitting device with double-emitting layer. Organic Electronics, 2011, 12, 756-765.	2.6	34
122	Oxadiazole host for a phosphorescent organic light-emitting device. Journal of Applied Physics, 2011, 109, .	2.5	25
123	Organic bifunctional device employing bis(naphthylphenylaminophenyl)fumaronitrile as absorption/emitting layer. , 2011, , .		0
124	High Open-Circuit Voltage Planar Heterojunction Organic Photovoltaics Exhibiting Red Electroluminescence. Journal of the Electrochemical Society, 2011, 159, H191-H194.	2.9	7
125	Absorptive and conductive cavity cathode with silver nanoparticles for low-reflection organic light-emitting devices. Journal Physics D: Applied Physics, 2011, 44, 095102.	2.8	10
126	P-158: Connecting Architecture for Organic Light-emitting Diodes Integrated with Organic Photovoltaic Device. Digest of Technical Papers SID International Symposium, 2010, 41, 1841-1844.	0.3	0

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127	P, Patterned Microlens–Array Films Assisted with Auxiliary Electrodes for Luminance Improvement in Large–Area OLEDs. Digest of Technical Papers SID International Symposium, 2010, 41, 1405-1407.	0.3	1
128	P, Emitter–Apodization–Dependent Angular Luminance Enhancement of Microlens–Array Film Attached OLED Devices. Digest of Technical Papers SID International Symposium, 2010, 41, 1820-1823.	0.3	1
129	Color gamut variation of LED-lit LCD at different module temperatures. Optics Communications, 2010, 283, 373-378.	2.1	22
130	Shape-controlled microlens arrays fabricated by diffuser lithography. Microelectronic Engineering, 2010, 87, 1420-1423.	2.4	7
131	Emitting layer thickness dependence of color stability in phosphorescent organic light-emitting devices. Organic Electronics, 2010, 11, 1500-1506.	2.6	63
132	Luminance and image quality analysis of an organic electroluminescent panel with a patterned microlens array attachment. Journal of Optics (United Kingdom), 2010, 12, 085502.	2.2	5
133	Modification of silver anode and cathode for a top-illuminated organic photovoltaic device. Journal Physics D: Applied Physics, 2010, 43, 395101.	2.8	18
134	Effects of cathode buffer layers on the efficiency of bulk-heterojunction solar cells. Applied Physics Letters, 2010, 96, .	3.3	58
135	Emission Characteristics of Organic Light-Emitting Diodes and Organic Thin-Films with Planar and Corrugated Structures. International Journal of Molecular Sciences, 2010, 11, 1527-1545.	4.1	63
136	Morphological Control of the Electrochemically Deposited Poly(4-vinyltriphenylamines) (PVTPAs). Langmuir, 2010, 26, 5147-5152.	3.5	6
137	In situ Electrical Characterization of the Thickness Dependence of Organic Field-Effect Transistors with 1−20 Molecular Monolayer of Pentacene. ACS Applied Materials & Interfaces, 2010, 2, 2282-2288.	8.0	48
138	Emitter apodization dependent angular luminance enhancement of microlens-array film attached organic light-emitting devices. Optics Express, 2010, 18, 3238.	3.4	13
139	Partitioning pixel of organic light-emitting devices with center-hollowed microlens-array films for efficiency enhancement. Optics Express, 2010, 18, 18685.	3.4	3
140	4-Hydroxy-8-methyl-1,5-naphthyridine aluminium chelate: a morphologically stable and efficient exciton-blocking material for organic photovoltaics with prolonged lifetime. Journal of Materials Chemistry, 2010, 20, 7800.	6.7	37
141	High-performance organic photovoltaic device using a new amorphous molecular material of bis(4-(N-(l-naphthyl)phenylamino) phenyl)fumaronitrile. , 2010, , .		0
142	Femtosecond Pulse Shaping by Ag Nanoparticle Arrays: Plasmon-Enhanced Absorption Saturation. , 2009, , .		0
143	Blue phosphorescent organic light-emitting device with double emitting layer. Applied Physics Letters, 2009, 94, 223301.	3.3	41
144	Emitting-layer design of white organic light-emitting devices with single-host material. Journal of Applied Physics, 2009, 106, 024503.	2.5	29

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145	Directional photoluminescence enhancement of organic emitters via surface plasmon coupling. Applied Physics Letters, 2009, 94, .	3.3	28
146	Electrical Current Aging of Mixed-Host Organic Light-Emitting Devices with Thin Doped Layer. Journal of the Electrochemical Society, 2009, 156, J342.	2.9	1
147	Enhanced Charge Separation by Sieve-Layer Mediation in High-Efficiency Inorganic-Organic Solar Cells. Advanced Materials, 2009, 21, 759-763.	21.0	39
148	Low reflection and photo-sensitive organic light-emitting device with perylene diimide and double-metal structure. Thin Solid Films, 2009, 517, 3712-3716.	1.8	19
149	Enhancing performance of planar molecule-based organic light-emitting diodes through deposition-rate optimization: Role of molecular packing. Chemical Physics Letters, 2009, 474, 207-211.	2.6	21
150	Optical and electrical characteristics of Ag-doped perylene diimide derivative. Applied Physics Letters, 2009, 94, 013307.	3.3	21
151	Transflective device with a transparent organic light-emitting diode and a reflective liquid-crystal device. Journal of the Society for Information Display, 2009, 17, 1009-1013.	2.1	6
152	P࡫: OLED Display Attached by Patterned Microlens Array for Light Extraction with Negligible Image Blur. Digest of Technical Papers SID International Symposium, 2009, 40, 1700-1702.	0.3	0
153	37.3: Smart Transflective Display Integrated with PDLC and OPV-Embedded OLED. Digest of Technical Papers SID International Symposium, 2009, 40, 530-531.	0.3	1
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