

Jiun-Haw Lee

List of Publications by Year in descending order

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209
papers

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citations

109137

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docs citations

214
times ranked

4638
citing authors

#	ARTICLE	IF	CITATIONS
1	Liquid crystal display and organic light-emitting diode display: present status and future perspectives. <i>Light: Science and Applications</i> , 2018, 7, 17168-17168.	7.7	667
2	Blue organic light-emitting diodes: current status, challenges, and future outlook. <i>Journal of Materials Chemistry C</i> , 2019, 7, 5874-5888.	2.7	412
3	Broadband antireflection film with moth-eye-like structure for flexible display applications. <i>Optica</i> , 2017, 4, 678.	4.8	122
4	Mixed host organic light-emitting devices with low driving voltage and long lifetime. <i>Applied Physics Letters</i> , 2005, 86, 103506.	1.5	105
5	High Photoelectric Conversion Efficiency of Metal Phthalocyanine/Fullerene Heterojunction Photovoltaic Device. <i>International Journal of Molecular Sciences</i> , 2011, 12, 476-505.	1.8	82
6	Orthogonally Substituted Benzimidazole-Carbazole Benzene As Universal Hosts for Phosphorescent Organic Light-Emitting Diodes. <i>Organic Letters</i> , 2016, 18, 672-675.	2.4	78
7	High efficiency and long lifetime OLED based on a metal-doped electron transport layer. <i>Chemical Physics Letters</i> , 2005, 416, 234-237.	1.2	76
8	Recombination zone in mixed-host organic light-emitting devices. <i>Applied Physics Letters</i> , 2006, 89, 163511.	1.5	70
9	The Unusual Electrochemical and Photophysical Behavior of 2,2'-Bis(1,3,4-oxadiazol-2-yl)biphenyls, Effective Electron Transport Hosts for Phosphorescent Organic Light Emitting Diodes. <i>Organic Letters</i> , 2007, 9, 235-238.	2.4	64
10	Emitting layer thickness dependence of color stability in phosphorescent organic light-emitting devices. <i>Organic Electronics</i> , 2010, 11, 1500-1506.	1.4	63
11	Emission Characteristics of Organic Light-Emitting Diodes and Organic Thin-Films with Planar and Corrugated Structures. <i>International Journal of Molecular Sciences</i> , 2010, 11, 1527-1545.	1.8	63
12	High ambient-contrast-ratio display using tandem reflective liquid crystal display and organic light-emitting device. <i>Optics Express</i> , 2005, 13, 9431.	1.7	61
13	Charge carrier mobility of mixed-layer organic light-emitting diodes. <i>Applied Physics Letters</i> , 2007, 91, 142106.	1.5	60
14	Effects of cathode buffer layers on the efficiency of bulk-heterojunction solar cells. <i>Applied Physics Letters</i> , 2010, 96, .	1.5	58
15	Efficiency improvement and image quality of organic light-emitting display by attaching cylindrical microlens arrays. <i>Optics Express</i> , 2008, 16, 21184.	1.7	57
16	6-N,N-Diphenylaminobenzofuran-Derived Pyran Containing Fluorescent Dyes: A New Class of High-Brightness Red-Light-Emitting Dopants for OLED. <i>Organic Letters</i> , 2006, 8, 2623-2626.	2.4	55
17	Blue mixed host organic light emitting devices. <i>Thin Solid Films</i> , 2004, 453-454, 312-315.	0.8	51
18	New D ^π A ^π A-Configured Small-Molecule Donors for High-Efficiency Vacuum-Processed Organic Photovoltaics under Ambient Light. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 8337-8349.	4.0	50

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19	In situ Electrical Characterization of the Thickness Dependence of Organic Field-Effect Transistors with 1 st 20 Molecular Monolayer of Pentacene. <i>ACS Applied Materials & Interfaces</i> , 2010, 2, 2282-2288.	4.0	48
20	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.	11.1	47
21	Improvement of the outcoupling efficiency of an organic light-emitting device by attaching microstructured films. <i>Optics Communications</i> , 2007, 275, 464-469.	1.0	45
22	Efficiency improvement and spectral shift of an organic light-emitting device by attaching a hexagon-based microlens array. <i>Journal of Optics</i> , 2008, 10, 055302.	1.5	44
23	Analysis and optimization on the angular color shift of RGB OLED displays. <i>Optics Express</i> , 2017, 25, 33629.	1.7	44
24	Enhancement and tunability of active plasmonic by multilayer grating coupled emission. <i>Optics Express</i> , 2007, 15, 11608.	1.7	42
25	Blue phosphorescent organic light-emitting device with double emitting layer. <i>Applied Physics Letters</i> , 2009, 94, 223301.	1.5	41
26	White organic light-emitting devices with ultra-high color stability over wide luminance range. <i>Organic Electronics</i> , 2011, 12, 547-555.	1.4	41
27	Enhanced luminescence of organic/metal nanostructure for grating coupler active long-range surface plasmonic device. <i>Applied Physics Letters</i> , 2007, 91, 083114.	1.5	40
28	Enhanced Charge Separation by Sieve-Layer Mediation in High-Efficiency Inorganic-Organic Solar Cells. <i>Advanced Materials</i> , 2009, 21, 759-763.	11.1	39
29	Open-circuit voltage and efficiency improvement of subphthalocyanine-based organic photovoltaic device through deposition rate control. <i>Solar Energy Materials and Solar Cells</i> , 2012, 103, 69-75.	3.0	39
30	Exciplex-Sensitized Triplet-Triplet Annihilation in Heterojunction Organic Thin-Film. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 10963-10970.	4.0	39
31	High contrast ratio organic light-emitting devices based on CuPC as electron transport material. <i>Synthetic Metals</i> , 2004, 144, 279-283.	2.1	37
32	4-Hydroxy-8-methyl-1,5-naphthyridine aluminium chelate: a morphologically stable and efficient exciton-blocking material for organic photovoltaics with prolonged lifetime. <i>Journal of Materials Chemistry</i> , 2010, 20, 7800.	6.7	37
33	Synthesis and Properties of Oxygen-Linked N-Phenylcarbazole Dendrimers. <i>Macromolecules</i> , 2012, 45, 751-765.	2.2	37
34	Novel Ambipolar Orthogonal Donor-Acceptor Host for Blue Organic Light Emitting Diodes. <i>Organic Letters</i> , 2013, 15, 4694-4697.	2.4	37
35	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.	4.0	37
36	High-Efficiency Fluorescent Blue Organic Light-Emitting Device with Balanced Carrier Transport. <i>Journal of the Electrochemical Society</i> , 2007, 154, J226.	1.3	36

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37	Strength, stiffness, and microstructure of Cu(In,Ga)Se ₂ thin films deposited via sputtering and co-evaporation. <i>Applied Physics Letters</i> , 2014, 105, 011907.	1.5	35
38	Dynamics of molecular excitons near a semiconductor surface studied by fluorescence quenching of polycrystalline tetracene on silicon. <i>Chemical Physics Letters</i> , 2014, 601, 33-38.	1.2	35
39	Dopant effects in phosphorescent white organic light-emitting device with double-emitting layer. <i>Organic Electronics</i> , 2011, 12, 756-765.	1.4	34
40	Chloroboron subphthalocyanine/C60 planar heterojunction organic solar cell with N,N-dicarbazoyl-3,5-benzene blocking layer. <i>Solar Energy Materials and Solar Cells</i> , 2014, 122, 264-270.	3.0	33
41	All non-dopant red-green-blue composing white organic light-emitting diodes. <i>Organic Electronics</i> , 2006, 7, 137-143.	1.4	31
42	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.	4.0	30
43	Emitting-layer design of white organic light-emitting devices with single-host material. <i>Journal of Applied Physics</i> , 2009, 106, 024503.	1.1	29
44	Directional photoluminescence enhancement of organic emitters via surface plasmon coupling. <i>Applied Physics Letters</i> , 2009, 94, .	1.5	28
45	Carrier Transport and Recombination Mechanism in Blue Phosphorescent Organic Light-Emitting Diode with Hosts Consisting of Cabazole- and Triazole-Moiety. <i>Scientific Reports</i> , 2019, 9, 3654.	1.6	28
46	High κ Nanophase Zinc Oxide on Biomimetic Silicon Nanotip Array as Supercapacitors. <i>Nano Letters</i> , 2013, 13, 1422-1428.	4.5	27
47	1,3,4-Oxadiazole Containing Silanes as Novel Hosts for Blue Phosphorescent Organic Light Emitting Diodes. <i>Organic Letters</i> , 2012, 14, 4986-4989.	2.4	26
48	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.	6.4	26
49	Oxadiazole host for a phosphorescent organic light-emitting device. <i>Journal of Applied Physics</i> , 2011, 109, .	1.1	25
50	Electromagnetic modeling of organic light-emitting devices. <i>Journal of Lightwave Technology</i> , 2006, 24, 2450-2457.	2.7	24
51	Color gamut variation of LED-lit LCD at different module temperatures. <i>Optics Communications</i> , 2010, 283, 373-378.	1.0	22
52	Synthesis and Performance in OLEDs of Selenium-Containing Phosphorescent Emitters with Red Emission Color Deeper Than the Corresponding NTSC Standard. <i>Inorganic Chemistry</i> , 2019, 58, 10174-10183.	1.9	22
53	Operation lifetimes of organic light-emitting devices with different layer structures. <i>Chemical Physics Letters</i> , 2005, 402, 335-339.	1.2	21
54	Driving voltage reduction in white organic light-emitting devices from selectively doping in ambipolar blue-emitting layer. <i>Journal of Applied Physics</i> , 2007, 102, .	1.1	21

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55	Efficiency improvement and spectral shift of an organic light-emitting device with a square-based microlens array. <i>Optics Communications</i> , 2008, 281, 5625-5632.	1.0	21
56	Enhancing performance of planar molecule-based organic light-emitting diodes through deposition-rate optimization: Role of molecular packing. <i>Chemical Physics Letters</i> , 2009, 474, 207-211.	1.2	21
57	Optical and electrical characteristics of Ag-doped perylene diimide derivative. <i>Applied Physics Letters</i> , 2009, 94, 013307.	1.5	21
58	High-Performance Hole-Transport Polyurethanes for Light-Emitting Diodes Applications. <i>Chemistry of Materials</i> , 2006, 18, 4121-4129.	3.2	20
59	Suppressing series resistance in organic solar cells by oxygen plasma treatment. <i>Applied Physics Letters</i> , 2008, 92, 233302.	1.5	20
60	Fast-Response Blue-Phase Liquid Crystal for Color-Sequential Projection Displays. <i>Journal of Display Technology</i> , 2012, 8, 352-356.	1.3	20
61	Enhancing efficiency with fluorinated interlayers in small molecule organic solar cells. <i>Journal of Materials Chemistry</i> , 2012, 22, 22899.	6.7	20
62	Methoxy- and tert-butyl-substituted meta-bis(N-carbazolyl)phenylenes as hosts for organic light-emitting diodes. <i>Organic Electronics</i> , 2019, 73, 317-326.	1.4	20
63	Radiation Simulations of Top-Emitting Organic Light-Emitting Devices With Two- and Three-Microcavity Structures. <i>Journal of Display Technology</i> , 2006, 2, 130-137.	1.3	19
64	Probing recombination-rate distribution in organic light-emitting devices with mixed-emitter structure. <i>Chemical Physics Letters</i> , 2006, 427, 305-309.	1.2	19
65	Phosphorescent organic light-emitting device with an ambipolar oxadiazole host. <i>Applied Physics Letters</i> , 2007, 90, 243501.	1.5	19
66	Low reflection and photo-sensitive organic light-emitting device with perylene diimide and double-metal structure. <i>Thin Solid Films</i> , 2009, 517, 3712-3716.	0.8	19
67	Modification of silver anode and cathode for a top-illuminated organic photovoltaic device. <i>Journal Physics D: Applied Physics</i> , 2010, 43, 395101.	1.3	18
68	High efficiency quantum dot and organic LEDs with a back-cavity and a high index substrate. <i>Journal Physics D: Applied Physics</i> , 2016, 49, 145103.	1.3	18
69	Easy Access to NO ₂ -Containing Donor-Acceptor-Acceptor Electron Donors for High Efficiency Small-Molecule Organic Solar Cells. <i>ChemSusChem</i> , 2016, 9, 1433-1441.	3.6	18
70	Roughness characterization of silver oxide anodes for use in efficient top-illuminated organic solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2011, 95, 2606-2609.	3.0	16
71	Exciton dynamics in heterojunction thin-film devices based on exciplex-sensitized triplet-triplet annihilation. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 27449-27455.	1.3	16
72	Comparison of short and long wavelength absorption electron donor materials in C60-based planar heterojunction organic photovoltaics. <i>Organic Electronics</i> , 2012, 13, 2118-2129.	1.4	15

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73	Revealing local, enhanced optical field characteristics of Au nanoparticle arrays with 10 nm gap using scattering-type scanning near-field optical microscopy. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 4275.	1.3	15
74	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.	6.6	15
75	Semiconductor circular ring lasers fabricated with the cryo-etching technique. <i>IEEE Photonics Technology Letters</i> , 1998, 10, 751-753.	1.3	13
76	Quasi-static capacitance-voltage characterizations of carrier accumulation and depletion phenomena in pentacene thin film transistors. <i>Solid-State Electronics</i> , 2008, 52, 269-274.	0.8	13
77	Emitter apodization dependent angular luminance enhancement of microlens-array film attached organic light-emitting devices. <i>Optics Express</i> , 2010, 18, 3238.	1.7	13
78	Electrical and optical characteristics of phosphorescent organic light-emitting device with thin-codoped layer insertion. <i>Organic Electronics</i> , 2015, 24, 182-187.	1.4	13
79	Suppression of surface recombination in CuInSe ₂ (CIS) thin films via Trioctylphosphine Sulfide (TOP:S) surface passivation. <i>Acta Materialia</i> , 2016, 106, 171-181.	3.8	13
80	Bistriazoles with a Biphenyl Core Derivative as an Electron-Favorable Bipolar Host of Efficient Blue Phosphorescent Organic Light-Emitting Diodes. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 49895-49904.	4.0	13
81	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.	4.0	13
82	Optimizing hole-injection in organic electroluminescent devices by modifying CuPc/NPB interface. <i>Synthetic Metals</i> , 2011, 161, 1828-1831.	2.1	12
83	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.	2.7	12
84	Control of π - π stacking in carbazole-benzimidazo[1,2- <i>f</i>]phenanthridines: the design of electron-transporting bipolar hosts for phosphorescent organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2020, 8, 3571-3579.	2.7	12
85	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.	3.6	12
86	Distinct Routes of Singlet Fission and Triplet Fusion: A Fluorescence Kinetic Study of Rubrene. <i>Journal of Physical Chemistry C</i> , 2019, 123, 3279-3284.	1.5	11
87	Exciplex-forming derivatives of 2,7-di- <i>tert</i> -butyl-9,9-dimethylacridan and benzotrifluoride for efficient OLEDs. <i>Organic Electronics</i> , 2020, 78, 105576.	1.4	11
88	Nonlinear switching in an all-semiconductor-optical-amplifier loop device. <i>IEEE Photonics Technology Letters</i> , 1999, 11, 236-238.	1.3	10
89	Absorptive and conductive cavity cathode with silver nanoparticles for low-reflection organic light-emitting devices. <i>Journal Physics D: Applied Physics</i> , 2011, 44, 095102.	1.3	10
90	A new anodic buffer layer material for non-mixed planar heterojunction chloroboron subphthalocyanine organic photovoltaic achieving 96% internal quantum efficiency. <i>Solar Energy Materials and Solar Cells</i> , 2015, 137, 138-145.	3.0	10

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91	New bipolar host materials for high power efficiency green thermally activated delayed fluorescence OLEDs. <i>Chemical Engineering Journal</i> , 2022, 442, 136292.	6.6	9
92	Reverse-Mode Polymer-Stabilized Dual-Frequency Cholesteric Texture Cell for Dual Mode Operations. <i>Journal of Display Technology</i> , 2012, 8, 663-668.	1.3	8
93	Enhancement in open circuit voltage of organic photovoltaic devices through control of deposition rate of donor material. <i>Solar Energy Materials and Solar Cells</i> , 2013, 109, 280-287.	3.0	8
94	Tandem Organic Light-Emitting Diode and Organic Photovoltaic Device Inside Polymer Dispersed Liquid Crystal Cell. <i>Journal of Display Technology</i> , 2013, 9, 787-793.	1.3	8
95	Modeling of carrier transport in organic light emitting diode with random dopant effects by two-dimensional simulation. <i>Optics Express</i> , 2017, 25, 25492.	1.7	8
96	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.	0.1	8
97	Nonlinear switching behaviours in a compact all-semiconductor optical-amplifier Sagnac interferometer device. <i>IEEE Journal of Quantum Electronics</i> , 1999, 35, 1469-1477.	1.0	7
98	Shape-controlled microlens arrays fabricated by diffuser lithography. <i>Microelectronic Engineering</i> , 2010, 87, 1420-1423.	1.1	7
99	High Open-Circuit Voltage Planar Heterojunction Organic Photovoltaics Exhibiting Red Electroluminescence. <i>Journal of the Electrochemical Society</i> , 2011, 159, H191-H194.	1.3	7
100	Organic-based plasmonic emitters for sensing applications. <i>Applied Optics</i> , 2013, 52, 1383.	0.9	7
101	P-161: 89.3% Lifetime Elongation of Blue TTA-OLED with Assistant Host. <i>Digest of Technical Papers SID International Symposium</i> , 2016, 47, 1727-1729.	0.1	7
102	Effect of trapped electrons on the transient current density and luminance of organic light-emitting diode. <i>Journal Physics D: Applied Physics</i> , 2018, 51, 144003.	1.3	7
103	Oxygen sensing and OLED applications of di- <i>tert</i> -butyl-dimethylacridinyl disubstituted oxygafluorene exhibiting long-lived deep-blue delayed fluorescence. <i>Journal of Materials Chemistry C</i> , 2020, 8, 9632-9638.	2.7	7
104	Tetraphenyl ornamented carbazolyl disubstituted diphenyl sulfone as bipolar TADF host for highly efficient OLEDs with low efficiency roll-offs. <i>Dyes and Pigments</i> , 2021, 194, 109573.	2.0	7
105	All-optical switching behaviors in an all-semiconductor nonlinear loop device. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2001, 18, 1334.	0.9	6
106	Improving the Performance of Transparent PLEDs with LiF/Ag/ITO Cathode. <i>Electrochemical and Solid-State Letters</i> , 2007, 10, J120.	2.2	6
107	Transflective device with a transparent organic light-emitting diode and a reflective liquid-crystal device. <i>Journal of the Society for Information Display</i> , 2009, 17, 1009-1013.	0.8	6
108	Morphological Control of the Electrochemically Deposited Poly(4-vinyltriphenylamines) (PVTPAs). <i>Langmuir</i> , 2010, 26, 5147-5152.	1.6	6

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109	Enhancement and Saturation Phenomena on Luminous Current and Power Efficiencies of Organic Light-Emitting Devices by Attaching Microlens Array Films. <i>Journal of Display Technology</i> , 2011, 7, 242-249.	1.3	6
110	Emitting layer design of a white organic light-emitting device. <i>Current Applied Physics</i> , 2011, 11, S183-S185.	1.1	6
111	Increase of current density and luminance in organic light-emitting diode with reverse bias driving. <i>Organic Electronics</i> , 2017, 48, 330-335.	1.4	6
112	Analysis of the triplet exciton transfer mechanism at the heterojunctions of organic light-emitting diodes. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 345501.	1.3	6
113	A deep-dyeing strategy for ultra-stable, brightly luminescent perovskite-polymer composites. <i>Journal of Materials Chemistry C</i> , 2021, 9, 3396-3402.	2.7	6
114	Room-temperature corrugated indium zinc oxide anode to achieve high-efficiency blue phosphorescent organic light-emitting diodes. <i>Organic Electronics</i> , 2021, 96, 106237.	1.4	6
115	Lifetime elongation of quantum-dot light-emitting diodes by inhibiting the degradation of hole transport layer. <i>RSC Advances</i> , 2021, 11, 20884-20891.	1.7	6
116	Revealing the mechanism of carrier transport in host-guest systems of organic materials with a modified Poisson and drift-diffusion solver. <i>Physical Review Materials</i> , 2020, 4, .	0.9	6
117	Luminance and image quality analysis of an organic electroluminescent panel with a patterned microlens array attachment. <i>Journal of Optics (United Kingdom)</i> , 2010, 12, 085502.	1.0	5
118	Stamped Self-Assembled Monolayers on Electrode for Connecting Organic Light-Emitting Diode and Organic Photovoltaic Device. <i>Journal of Display Technology</i> , 2011, 7, 229-234.	1.3	5
119	Device-dependent angular luminance enhancement and optical responses of organic light-emitting devices with a microlens-array film. <i>Journal of the Society for Information Display</i> , 2011, 19, 21-28.	0.8	5
120	A Turbidity Test Based Centrifugal Microfluidics Diagnostic System for Simultaneous Detection of HBV, HCV, and CMV. <i>Advances in Materials Science and Engineering</i> , 2015, 2015, 1-8.	1.0	5
121	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.	6.6	5
122	67.1:Invited Paper: Hybrid Transflective Displays using Vertically Integrated Transparent OLED and Reflective LCD. <i>Digest of Technical Papers SID International Symposium</i> , 2007, 38, 1810-1812.	0.1	4
123	Tuning open-circuit voltage in organic solar cells by magnesium modified Alq3. <i>Journal of Applied Physics</i> , 2011, 110, 083104.	1.1	4
124	P&C131: Fully Integration of Transflective Hybrid Device Consisting of PSCT and In&Ccell OLED. <i>Digest of Technical Papers SID International Symposium</i> , 2011, 42, 1602-1605.	0.1	4
125	Tuning energy levels in magnesium modified Alq3. <i>Journal of Applied Physics</i> , 2011, 109, 083541.	1.1	4
126	Fabrication of an organic light-emitting diode inside a liquid crystal display. <i>Thin Solid Films</i> , 2013, 545, 471-475.	0.8	4

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127	10-1: Invited Paper : OLED Lifetime Improvement with Exciplex Sensitized Triplet-Triplet Annihilation. Digest of Technical Papers SID International Symposium, 2017, 48, 112-114.	0.1	4
128	Thickness-Dependent Exciton Dynamics in Thermally Evaporated Rubrene Thin Films. Journal of Physical Chemistry C, 2020, 124, 25729-25737.	1.5	4
129	Donor disubstituted trifluoromethyl benzenes for various electroluminescent devices. Dyes and Pigments, 2022, 198, 109956.	2.0	4
130	7.2: Tandem OLED and Reflective LCD with a Microlens Array. Digest of Technical Papers SID International Symposium, 2006, 37, 68.	0.1	3
131	Partitioning pixel of organic light-emitting devices with center-hollowed microlens-array films for efficiency enhancement. Optics Express, 2010, 18, 18685.	1.7	3
132	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.	0.1	3
133	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.	4.0	3
134	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. Dyes and Pigments, 2017, 141, 463-469.	2.0	3
135	P120: Degradation Mechanism and Lifetime Improvement of Blue Quantum-Dot Light-Emitting Diodes. Digest of Technical Papers SID International Symposium, 2019, 50, 1700-1701.	0.1	3
136	New carboline-based donors for green exciplex-forming systems. Journal of the Chinese Chemical Society, 2021, 68, 482-490.	0.8	3
137	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. Journal of Materials Chemistry C, 2021, 9, 2381-2391.	2.7	3
138	Numerical study on a compact all-semiconductor-optical-amplifier Sagnac interferometer device. Optical and Quantum Electronics, 2000, 32, 585-608.	1.5	2
139	Numerical simulation on pulsed operation of an all-semiconductor optical amplifier nonlinear loop device. Journal of Lightwave Technology, 2001, 19, 1768-1776.	2.7	2
140	Luminance Enhancement and Blur Effect of Microlens Array Film Attachment on Organic Light-Emitting Device. , 2006, , .		2
141	P104: Storage Lifetime of a Hybrid Transflective Display Using OLED and Polarizer-Free RLCD. Digest of Technical Papers SID International Symposium, 2008, 39, 1583-1585.	0.1	2
142	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.	0.1	2
143	Optical effects of shadow masks on short circuit current of organic photovoltaic devices. Physical Chemistry Chemical Physics, 2012, 14, 3837.	1.3	2
144	28.3: Flexible Substrate with Low Reflection, Low Haze, Self-cleaning, and High Hardness by Nano-structured Hard Coating and Surface Treatment. Digest of Technical Papers SID International Symposium, 2014, 45, 371-373.	0.1	2

#	ARTICLE	IF	CITATIONS
145	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.	0.1	2
146	33: Systematic Optimization for Achieving Indistinguishable Color Shift of RGB OLED Displays. Digest of Technical Papers SID International Symposium, 2018, 49, 418-421.	0.1	2
147	Harnessing the Inductive Effect To Design New Donor-Acceptor-Configured Small-Molecule Donors for Vacuum-Processed Organic Photovoltaics. Energy & Fuels, 0, , .	2.5	2
148	P88: Efficiency Improvement of Top-Emission Green Quantum-Dot Light-Emitting Diode with Dielectric-Metal-Dielectric Cathode. Digest of Technical Papers SID International Symposium, 2022, 53, 1355-1356.	0.1	2
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