Wen-Fa Xie

List of Publications by Year
in descending order

168 papers	3,015 citations	186265 28 h-index	276875 41 g-index
171 all docs	171 docs citations	171 times ranked	2763 citing authors

#	Article	IF	Citations
1	Ambipolar Dâ€“A type bifunctional materials with hybridized local and charge-transfer excited state for high performance electroluminescence with EQE of 7.20% and CIEy â¼ 0.06. Journal of Materials Chemistry C, 2017, 5, 5402-5410.	5.5	107
2	Ultrasonic Spray Processed, Highly Efficient All-Inorganic Quantum-Dot Light-Emitting Diodes. ACS Photonics, 2017, 4, 1271-1278.	6.6	84
3	Iridium(iii) complexes adopting 1,2-diphenyl-1H-benzoimidazole ligands for highly efficient organic light-emitting diodes with low efficiency roll-off and non-doped feature. Journal of Materials Chemistry C, 2014, 2, 2150.	5.5	78
4	White organic light-emitting devices with a bipolar transport layer between blue fluorescent and orange phosphorescent emitting layers. Applied Physics Letters, 2007, 91, 023505.	3.3	74
5	Evolution of white organic light-emitting devices: from academic research to lighting and display applications. Materials Chemistry Frontiers, 2019, 3, 970-1031.	5.9	67
6	Improvement of efficiency and color purity utilizing two-step energy transfer for red organic light-emitting devices. Applied Physics Letters, 2002, 81, 2935-2937.	3.3	66
7	Efficient ITO-free organic light-emitting devices with dual-functional PSS-rich PEDOT:PSS electrode by enhancing carrier balance. Journal of Materials Chemistry C, 2019, 7, 5426-5432.	5.5	62
8	Top-emitting thermally activated delayed fluorescence organic light-emitting devices with weak light-matter coupling. Light: Science and Applications, 2021, 10, 116.	16.6	55
9	An orange iridium(iii) complex with wide-bandwidth in electroluminescence for fabrication of high-quality white organic light-emitting diodes. Journal of Materials Chemistry C, 2013, 1, 7371.	5.5	52
10	High-color-rendering flexible top-emitting warm-white organic light emitting diode with a transparent multilayer cathode. Organic Electronics, 2011, 12, 1137-1141.	2.6	51
11	Non-doped-type white organic light-emitting devices based on yellow-emitting ultrathin 5,6,11,12-tetraphenylnaphthacene and blue-emitting 4,4Â-bis(2,2Â-diphenyl vinyl)-1,1Â-biphenyl. Journal Physics D: Applied Physics, 2003, 36, 2331-2334.	2.8	49
12	Color-stable and efficient stacked white organic light-emitting devices comprising blue fluorescent and orange phosphorescent emissive units. Applied Physics Letters, 2008, 93, 153508.	3.3	49
13	Top-emitting quantum dots light-emitting devices employing microcontact printing with electricfield-independent emission. Scientific Reports, 2016, 6, 22530.	3.3	46
14	Excellent low-voltage operating flexible ferroelectric organic transistor nonvolatile memory with a sandwiching ultrathin ferroelectric film. Scientific Reports, 2017, 7, 8890.	3.3	43
15	Top-emitting white organic light-emitting devices with down-conversion phosphors: Theory and experiment. Optics Express, 2008, 16, 15489.	3.4	42
16	Efficient non-doped phosphorescent orange, blue and white organic light-emitting devices. Scientific Reports, 2014, 4, 6754.	3.3	40
17	A nondoped-type small molecule white organic light-emitting device. Journal Physics D: Applied Physics, 2003, 36, 1246-1248.	2.8	39
18	High-contrast and high-efficiency microcavity top-emitting white organic light-emitting devices. Organic Electronics, 2010, 11, 202-206.	2.6	32

#	Article	IF	Citations
19	Silver/germanium/silver: an effective transparent electrode for flexible organic light-emitting devices. Journal of Materials Chemistry C, 2014, 2, 835-840.	5.5	32
20	Modification of iridium(III) complexes for fabrication of high-performance non-doped organic light-emitting diode. Dyes and Pigments, 2015, 112, 8-16.	3.7	32
21	A flexible, multifunctional, optoelectronic anticounterfeiting device from high-performance organic light-emitting paper. Light: Science and Applications, 2022, 11, 59.	16.6	31
22	Spectroscopic Ellipsometry Studies of CuPc and Other Materials for Organic Light-Emitting Devices. Japanese Journal of Applied Physics, 2003, 42, 1466-1469.	1.5	30
23	High-efficiency and low-efficiency-roll-off single-layer white organic light-emitting devices with a bipolar transport host. Applied Physics Letters, 2012, 101, 063306.	3.3	30
24	Ultrasonic spray coating polymer and small molecular organic film for organic light-emitting devices. Scientific Reports, 2016, 6, 37042.	3.3	30
25	Low-voltage operating flexible ferroelectric organic field-effect transistor nonvolatile memory with a vertical phase separation P(VDF-TrFE-CTFE)/PS dielectric. Applied Physics Letters, 2017, 111, .	3.3	30
26	Achieving High Performances of Nondoped OLEDs Using Carbazole and Diphenylphosphoryl-Functionalized Ir(III) Complexes as Active Components. Inorganic Chemistry, 2017, 56, 9979-9987.	4.0	30
27	Bluishâ€Green Thermally Activated Delayed Fluorescence Material for Blueâ€Hazard Free Hybrid White Organic Lightâ€Emitting Device with High Color Quality and Low Efficiency Rollâ€Off. Advanced Optical Materials, 2019, 7, 1801718.	7.3	30
28	Ambipolar organic thin-film transistor-based nano-floating-gate nonvolatile memory. Applied Physics Letters, 2014, 104, 013302.	3.3	29
29	Efficiency enhancement of inverted polymer solar cells by doping NaYF4:Yb3+, Er3+ nanocomposites in PCDTBT:PCBM active layer. Solar Energy Materials and Solar Cells, 2014, 124, 126-132.	6.2	29
30	Gate-controlled multi-bit nonvolatile ferroelectric organic transistor memory on paper substrates. Journal of Materials Chemistry C, 2019, 7, 13477-13485.	5.5	29
31	Contrast improvement of organic light-emitting devices with Sm:Ag cathode. Applied Physics Letters, 2006, 88, 083507.	3.3	28
32	Ultra-high general and special color rendering index white organic light-emitting device based on a deep red phosphorescent dye. Organic Electronics, 2013, 14, 3201-3205.	2.6	28
33	Achieving high mobility, low-voltage operating organic field-effect transistor nonvolatile memory by an ultraviolet-ozone treating ferroelectric terpolymer. Scientific Reports, 2016, 6, 36291.	3.3	27
34	Influence of interlayer on the performance of stacked white organic light-emitting devices. Applied Physics Letters, 2009, 95, .	3.3	26
35	The role of Ag nanoparticles in inverted polymer solar cells: Surface plasmon resonance and backscattering centers. Applied Physics Letters, 2013, 102, .	3.3	26
36	Organicâ€“inorganic hybrid thin film light-emitting devices: interfacial engineering and device physics. Journal of Materials Chemistry C, 2021, 9, 1484-1519.	5.5	25

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37	Air-Stable Ultrabright Inverted Organic Light-Emitting Devices with Metal Ion-Chelated Polymer Injection Layer. Nano-Micro Letters, 2022, 14, 14.	27.0	24
38	Top-emitting white organic light-emitting devices with a one-dimensional metallic-dielectric photonic crystal anode. Optics Letters, 2009, 34, 2703.	3.3	23
39	Performance improvement of inverted polymer solar cells by doping Au nanoparticles into TiO2 cathode buffer layer. Applied Physics Letters, 2013, 103, .	3.3	23
40	Effect of the greenish-yellow emission on the color rendering index of white organic light-emitting devices. Organic Electronics, 2014, 15, 2817-2821.	2.6	23
41	Efficient piezochromic luminescence from tetraphenylethene functionalized pyridine-azole derivatives exhibiting aggregation-induced emission. Dyes and Pigments, 2015, 119, 62-69.	3.7	23
42	Ir(III) Phosphors Modified with Fluorine Atoms in Pyridine-1,2,4-triazolyl Ligands for Efficient OLEDs Possessing Low-Efficiency Roll-off. Organometallics, 2016, 35, 3870-3877.	2.3	23
43	Color-Tunable, Spectra-Stable Flexible White Top-Emitting Organic Light-Emitting Devices Based on Alternating Current Driven and Dual-Microcavity Technology. ACS Photonics, 2019, 6, 2350-2357.	6.6	23
44	Engineering of aggregation-induced emission luminogens by isomeric strategy to achieve high-performance optoelectronic device. Dyes and Pigments, 2020, 173, 107912.	3.7	22
45	Blue and white organic light-emitting diodes based on 4,4Â-bis(2,2Â diphenyl vinyl)-1,1Â-biphenyl. Semiconductor Science and Technology, 2003, 18, L42-L44.	2.0	21
46	High-efficiency electrophosphorescent white organic light-emitting devices with a double-doped emissive layer. Semiconductor Science and Technology, 2005, 20, 326-329.	2.0	21
47	Improving efficiency roll-off in phosphorescent OLEDs by modifying the exciton lifetime. Optics Letters, 2012, 37, 2019.	3.3	21
48	MoO₃ Modification Layer to Enhance Performance of Pentacene-OTFTs With Various Low-Cost Metals as Source/Drain Electrodes. IEEE Transactions on Electron Devices, 2014, 61, 3507-3512.	3.0	21
49	Tandem white organic light-emitting device using non-modified Ag layer as cathode and interconnecting layer. Organic Electronics, 2014, 15, 675-679.	2.6	21
50	High Mobility Flexible Ferroelectric Organic Transistor Nonvolatile Memory With an Ultrathin ${ext {AlO}}_{{X}}$ Interfacial Layer. IEEE Transactions on Electron Devices, 2018, 65, 1113-1118.	3.0	21
51	Low-voltage programmable/erasable high performance flexible organic transistor nonvolatile memory based on a tetratetracontane passivated ferroelectric terpolymer. Organic Electronics, 2019, 64, 62-70.	2.6	21
52	Flexible organic optoelectronic devices on paper. IScience, 2022, 25, 103782.	4.1	21
53	Improved light outcoupling for top-emitting organic light-emitting devices. Applied Physics Letters, 2006, 89, 043505.	3.3	20
54	Efficient greenish-blue phosphorescent iridium(III) complexes containing carbene and triazole chromophores for organic light-emitting diodes. Journal of Organometallic Chemistry, 2014, 753, 55-62.	1.8	20

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55	Simple molecular structure design of iridium(III) complexes: Achieving highly efficient non-doped devices with low efficiency roll-off. Organic Electronics, 2016, 35, 142-150.	2.6	20
56	Highly efficient and low-cost top-emitting organic light-emitting diodes for monochromatic microdisplays. Organic Electronics, 2010, 11, 407-411.	2.6	19
57	Multilevel memory characteristics by light-assisted programming in floating-gate organic thin-film transistor nonvolatile memory. Current Applied Physics, 2015, 15, 770-775.	2.4	19
58	High-Efficiency Blue Phosphorescent Organic Light-Emitting Devices with Low Efficiency Roll-Off at Ultrahigh Luminance by the Reduction of Triplet-Polaron Quenching. ACS Applied Materials & Interfaces, 2019, 11, 6292-6301.	8.0	19
59	Contrast and efficiency enhancement in organic light-emitting devices utilizing high absorption and high charge mobility organic layers. Optics Express, 2006, 14, 7954.	3.4	18
60	High-contrast and high-efficiency top-emitting organic light-emitting devices. Applied Physics A: Materials Science and Processing, 2006, 85, 95-97.	2.3	18
61	Efficient Hybrid White Organic Light-Emitting Devices with a Reduced Efficiency Roll-off Based on a Blue Fluorescent Emitter of Which Charge Carriers Are Ambipolar and Electric-Field Independent. Journal of Physical Chemistry C, 2011, 115, 2428-2432.	3.1	18
62	Semitransparent white organic light-emitting devices with symmetrical electrode structure. Organic Electronics, 2011, 12, 2192-2197.	2.6	18
63	Efficient and angle-stable white top-emitting organic light emitting devices with patterned quantum dots down-conversion films. Organic Electronics, 2018, 56, 46-50.	2.6	18
64	Improved efficiency of organic light-emitting devices employing bathocuproine doped in the electron-transporting layer. Semiconductor Science and Technology, 2003, 18, L49-L52.	2.0	17
65	Efficient white organic light-emitting diodes based on an orange iridium phosphorescent complex. Journal of Luminescence, 2011, 131, 2144-2147.	3.1	17
66	Coffee-Ring-Free Ultrasonic Spray Coating Single-Emission Layers for White Organic Light-Emitting Devices and Their Energy-Transfer Mechanism. ACS Applied Energy Materials, 2018, 1, 103-112.	5.1	17
67	Inâ€Planarâ€Electrodes Organic Lightâ€Emitting Devices for Smart Lighting Applications. Advanced Optical Materials, 2019, 7, 1800857.	7.3	17
68	High-performance flexible organic thin-film transistor nonvolatile memory based on molecular floating-gate and <i>pn</i>-heterojunction channel layer. Applied Physics Letters, 2020, 116, .	3.3	17
69	A deep blue fluorescent emitter functioning as host material in highly efficient phosphorescent and hybrid white organic light-emitting devices. Organic Electronics, 2020, 85, 105848.	2.6	17
70	High efficiency electrophosphorescent red organic light-emitting devices with double-emission layers. Solid-State Electronics, 2007, 51, 1129-1132.	1.4	16
71	Efficient multilayer electrophosphorescence white polymer light-emitting diodes with aluminum cathodes. Organic Electronics, 2011, 12, 154-160.	2.6	16
72	Improved color quality in double-EML WOLEDs by using a tetradentate Pt(<scp>ii</scp>) complex as a green/red emitter. Journal of Materials Chemistry C, 2021, 9, 3384-3390.	5.5	16

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73	Optical properties of a periodic one-dimensional metallic-organic photonic crystal. Journal Physics D: Applied Physics, 2006, 39, 2373-2376.	2.8	15
74	Synthesis, characterization, photoluminescence and electroluminescence properties of new 1,3,4-oxadiazole-containing rhenium(I) complex Re(CO)3(Bphen)(PTOP). Chinese Chemical Letters, 2007, 18, 1501-1504.	9.0	15
75	Effect of 2,9-dimethyl-4,7-diphenyl-1,10-phenanthroline outcoupling layer on electroluminescent performances in top-emitting organic light-emitting devices. Journal of Applied Physics, 2008, 103, 054506.	2.5	15
76	Effect of tunneling layers on the performances of floating-gate based organic thin-film transistor nonvolatile memories. Applied Physics Letters, 2014, 105, 123303.	3.3	15
77	Transparent organic light-emitting devices with LiF/Yb:Ag cathode. Thin Solid Films, 2007, 515, 6975-6977.	1.8	14
78	Highly efficient blue top-emitting device with phase-shift adjustment layer. Optics Express, 2009, 17, 5364.	3.4	14
79	Solution-processed organometallic quasi-two-dimensional nanosheets as a hole buffer layer for organic light-emitting devices. Nanoscale, 2020, 12, 6983-6990.	5.6	14
80	High general and special color rendering index white organic light-emitting device with bipolar homojunction emitting layers. Organic Electronics, 2013, 14, 1946-1951.	2.6	13
81	Color-stable WRGB emission from blue OLEDs with quantum dots-based patterned down-conversion layer. Organic Electronics, 2018, 62, 407-411.	2.6	13
82	Organic Fieldâ€Effect Transistor Nonvolatile Memories with Hydroxylâ€Rich Polymer Materials as Functional Gate Dielectrics. Advanced Electronic Materials, 2019, 5, 1900569.	5.1	13
83	An efficient and stable hybrid organic light-emitting device based on an inorganic metal oxide hole transport layer and an electron transport layer. Journal of Materials Chemistry C, 2019, 7, 1991-1998.	5.5	13
84	Optical and surface properties of SiO2 by flame hydrolysis deposition for silica waveguide. Optical Materials, 2003, 22, 283-287.	3.6	12
85	High-efficiency white organic light-emitting devices using a blue iridium complex to sensitize a red fluorescent dye. Journal of Applied Physics, 2006, 100, 096114.	2.5	12
86	Transparent white organic light-emitting devices with a LiF/Yb:Ag cathode. Optics Letters, 2009, 34, 1174.	3.3	12
87	An efficient flexible white organic light-emitting device with a screen-printed conducting polymer anode. Journal Physics D: Applied Physics, 2012, 45, 402002.	2.8	12
88	Effect of gold nanoparticles on the performances of the phosphorescent organic light-emitting devices. Current Applied Physics, 2014, 14, 53-56.	2.4	12
89	Organic transistor nonvolatile memory with an integrated molecular floating-gate/tunneling layer. Applied Physics Letters, 2018, 113, .	3.3	12
90	Molecular Engineering of Phenylbenzimidazole-Based Orange Ir(III) Phosphors toward High-Performance White OLEDs. Inorganic Chemistry, 2018, 57, 6029-6037.	4.0	12

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91	Silverâ€"Bismuth Bilayer Anode for Perovskite Nanocrystal Light-Emitting Devices. Journal of Physical Chemistry Letters, 2020, 11, 3853-3859.	4.6	12
92	High colour rendering index non-doped-type white organic light-emitting devices with a RGB-stacked multilayer structure. Semiconductor Science and Technology, 2005, 20, L57-L60.	2.0	11
93	High-performance non-doped-type white organic light-emitting devices based on dual ultrathin layers. Semiconductor Science and Technology, 2006, 21, 1447-1451.	2.0	11
94	High-efficiency blue and white organic light-emitting devices by combining fluorescent and phosphorescent blue emitters. Organic Electronics, 2012, 13, 2412-2416.	2.6	11
95	Manipulating efficiencies through modification of N-heterocyclic phenyltriazole ligands for blue iridium(III) complexes. Dyes and Pigments, 2015, 113, 655-663.	3.7	11
96	Efficient multilayer and single layer phosphorescent organic light-emitting devices using a host with balanced bipolar transporting properties and appropriate energy level. Organic Electronics, 2017, 50, 106-114.	2.6	11
97	Modification of the electrodes of organic light-emitting devices using the SnO2ultrathin layer. Semiconductor Science and Technology, 2004, 19, 380-383.	2.0	10
98	White organic light-emitting devices with Sm:Ag black cathode. Optics Express, 2006, 14, 10819.	3.4	10
99	Low-voltage p-channel, n-channel and ambipolar organic thin-film transistors based on an ultrathin inorganic/polymer hybrid gate dielectric layer. Organic Electronics, 2014, 15, 2568-2574.	2.6	10
100	Hybrid organic light-emitting device based on ultrasonic spray-coating molybdenum trioxide transport layer with low turn-on voltage, improved efficiency & stability. Organic Electronics, 2018, 52, 264-271.	2.6	10
101	Efficient All-Blade-Coated Quantum Dot Light-Emitting Diodes through Solvent Engineering. Journal of Physical Chemistry Letters, 2020, 11, 9019-9025.	4.6	10
102	Stable and efficient phosphorescent organic light-emitting device utilizing a Î´-carboline-containing host displaying thermally activated delayed fluorescence. Journal of Materials Chemistry C, 2020, 8, 3800-3806.	5.5	10
103	Highly efficient and stable quantum dot light-emitting devices with a low-temperature tin oxide electron transport layer. Journal of Materials Chemistry C, 2021, 9, 13748-13754.	5.5	10
104	Centimeter-scale hole diffusion and its application in organic light-emitting diodes. Science Advances, 2022, 8, eabm1999.	10.3	10
105	Low-voltage top-emitting organic light-emitting devices with an organic double-heterojunction structure. Semiconductor Science and Technology, 2005, 20, 443-445.	2.0	9
106	High-Efficiency Nondoped Blue Organic Light-Emitting Devices with Reduced Efficiency Roll-Off. Journal of Physical Chemistry C, 2010, 114, 4186-4189.	3.1	9
107	Optical simulation and optimization of ITO-free top-emitting white organic light-emitting devices for lighting or display. Organic Electronics, 2011, 12, 923-935.	2.6	9
108	Influence of Thickness on Performance of Blue Single-Layer Organic Light-Emitting Device. IEEE Photonics Technology Letters, 2013, 25, 2205-2208.	2.5	9

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109	Angle-stable RGBW top-emitting organic light-emitting devices with Ag/Ge/Ag cathode. Optics Letters, 2013, 38, 1742.	3.3	9
110	Efficient inverted organic light-emitting devices with self or intentionally Ag-doped interlayer modified cathode. Applied Physics Letters, 2014, 104, 093305.	3.3	9
111	Photobiologically Safe High Color Rendering Index White Organic Light-Emitting Devices. IEEE Photonics Technology Letters, 2014, 26, 1691-1694.	2.5	9
112	Angle-stable inverted top-emitting white organic light-emitting devices based on gradient-doping electron injection interlayer. Organic Electronics, 2015, 25, 335-339.	2.6	9
113	The role of phosphor nanoparticles in high efficiency organic solar cells. Synthetic Metals, 2015, 204, 65-69.	3.9	9
114	High Mobility n-Channel Organic Field-Effect Transistor Based a Tetratetracontane Interfacial Layer on Gate Dielectrics. IEEE Electron Device Letters, 2016, 37, 1632-1635.	3.9	9
115	Two-dimensional-growth small molecular hole-transporting layer by ultrasonic spray coating for organic light-emitting devices. Organic Electronics, 2017, 47, 181-188.	2.6	9
116	Manipulating phosphorescence efficiencies of orange iridium(III) complexes through ancillary ligand control. Dyes and Pigments, 2019, 160, 119-127.	3.7	9
117	Thermal Annealing of SiO 2 Fabricated by Flame Hydrolysis Deposition. Chinese Physics Letters, 2003, 20, 1366-1368.	3.3	8
118	High-Efficiency Organic Double-Quantum-Well Light-Emitting Devices Using 5,6,11,12-Tetraphenylnaphthacene Sub-monolayer as Potential Well. Chinese Physics Letters, 2003, 20, 956-958.	3.3	8
119	Improvement of Efficiency and Brightness of Red Organic Light-Emitting Devices Using Double-Quantum-Well Configuration. Chinese Physics Letters, 2004, 21, 556-558.	3.3	8
120	Efficiently alternating current driven tandem organic light-emitting devices with (Ag/4,7-diphenyl-1,10-phenanthroline)n interconnecting layers. Applied Physics Letters, 2017, 111, .	3.3	8
121	Carrier transport manipulation for efficiency enhancement in blue phosphorescent organic light-emitting devices with a 4,4â€²-bis(<i>N</i>-carbazolyl)-2,2â€²-biphenyl host. Journal of Materials Chemistry C, 2019, 7, 9301-9307.	5.5	8
122	High-Performance and Stable Warm White OLEDs Based on Orange Iridium(III) Phosphors Modified with Simple Alkyl Groups. Organometallics, 2020, 39, 3384-3393.	2.3	8
123	Carrier transport regulation with hole transport trilayer for efficiency enhancement in quantum dot light-emitting devices. Journal of Luminescence, 2021, 231, 117785.	3.1	8
124	Rational Design of Ir(III) Phosphors to Strategically Manage Charge Recombination for High-Performance White Organic Light-Emitting Diodes. Inorganic Chemistry, 2022, 61, 3736-3745.	4.0	8
125	Nondoped-type red organic electroluminescent devices based on a 4-(dicyanomethylene)-2-t-butyl-6-(1,1,7,7-tetramethyljulolidyl-9-enyl)-4H-pyran ultrathin layer. Semiconductor Science and Technology, 2006, 21, 316-319.	2.0	7
126	Highly efficient and high colour rendering index white organic light-emitting devices using bis(2-(2-fluorphenyl)- 1,3-benzothiozolato-N,C2â€²) iridium (acetylacetonate) as yellow emitter. Semiconductor Science and Technology, 2007, 22, 798-801.	2.0	7

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127	Enhanced current efficiency in organic light-emitting devices using 4,4â€²-N,Nâ€²-dicarbazole-biphenyl as hole-buffer layer. Solid-State Electronics, 2007, 51, 111-114.	1.4	7
128	Effective hole-injection layer for non-doped inverted top-emitting organic light-emitting devices. Microelectronics Journal, 2008, 39, 723-726.	2.0	7
129	High efficiency top-emitting white organic light-emitting devices with a (metal/organic)2 cathode. Current Applied Physics, 2011, 11, 1410-1413.	2.4	7
130	Low efficiency roll-off and high performance OLEDs employing alkyl group modified iridium(<scp>iii</scp>) complexes as emitters. RSC Advances, 2016, 6, 111556-111563.	3.6	7
131	Highly efficient tandem organic light-emitting devices employing an easily fabricated charge generation unit. Applied Physics Express, 2018, 11, 022101.	2.4	7
132	Improved Pore-Filling and Passivation of Defects in Hole-Conductor-Free, Fully Printable Mesoscopic Perovskite Solar Cells Based on <scp>d</scp>-Sorbitol Hexaacetate-Modified MAPbI₃. ACS Applied Materials & Interfaces, 2020, 12, 47677-47683.	8.0	7
133	High efficiency small molecule white organic light-emitting devices with a multilayer structure. Solid State Communications, 2006, 139, 468-472.	1.9	6
134	A green top-emitting organic light-emitting device with improved luminance and efficiency. Journal Physics D: Applied Physics, 2006, 39, 3738-3741.	2.8	6
135	Improved performances in a top-emitting green organic light-emitting device with light magnification. Thin Solid Films, 2008, 516, 3364-3367.	1.8	6
136	Improvement of viewing angle and pixel contrast ratio in green top-emitting organic light-emitting devices. Optics Express, 2008, 16, 8868.	3.4	6
137	High Mobility Pentacene/C60-Based Ambipolar OTFTs by Thickness Optimization of Bottom Pentacene Layer. IEEE Transactions on Electron Devices, 2014, 61, 3845-3851.	3.0	6
138	Simple-structure color-tunable fluorescent organic light-emitting devices with chromaticity difference beyond five-step McAdam ellipses. Journal Physics D: Applied Physics, 2021, 54, 505103.	2.8	6
139	Facilitating electron collection of organic photovoltaics by passivating trap states and tailoring work function. Solar Energy, 2019, 181, 9-16.	6.1	6
140	Efficient White Light Emitting Using an Electron Blocker in Non-Doped Type Organic Electroluminescent Devices. Optical and Quantum Electronics, 2004, 36, 635-640.	3.3	5
141	Effect of a thin layer of tris (8-hydroxyquinoline) aluminum doped with 4-(dicyanomethylene)-2-t-butyl-6-(1,1,7,7-tetramethyljulolidyl-9-enyl) on the chromaticity of white organic light-emitting devices. Thin Solid Films, 2004, 467, 231-233.	1.8	5
142	Efficient white organic light-emitting devices based on blue, orange, red phosphorescent dyes. Journal Physics D: Applied Physics, 2009, 42, 055115.	2.8	5
143	Efficiency enhancement in an inverted organic light-emitting device with a TiO₂ electron injection layer through interfacial engineering. Journal of Materials Chemistry C, 2020, 8, 8206-8212.	5.5	5
144	Color-tunable organic light-emitting diodes with ultrathin thermal activation delayed fluorescence emitting layer. Applied Physics Letters, 2022, 120, 171102.	3.3	5

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145	Thermal annealing in FHD Ge-doped SiO2 film for applications in optical waveguides. Applied Surface Science, 2004, 228, 48-52.	6.1	4
146	Top-emitting organic light-emitting devices with different-thickness top silver cathodes. Journal Physics D: Applied Physics, 2007, 40, 5888-5891.	2.8	4
147	Efficient fluorescent white organic light-emitting devices with a reduced efficiency roll-off based on a blue ambipolar fluorescent emitter. Current Applied Physics, 2014, 14, 680-684.	2.4	4
148	Angle-stable top-emitting white organic light-emitting devices employing a down-conversion layer. Current Applied Physics, 2014, 14, 1451-1454.	2.4	4
149	Efficient and low-voltage phosphorescent organic light-emitting devices based on blue iridium complex host. Chemical Research in Chinese Universities, 2015, 31, 569-572.	2.6	4
150	4, 6-Bis[3-(dibenzothiophen-2-yl)phenyl] pyrimidine bipolar host for bright, efficient and low efficiency roll-off phosphorescent organic light-emitting devices. Organic Electronics, 2016, 38, 301-306.	2.6	4
151	Efficient Trilayer Phosphorescent Organic Light-Emitting Devices Without Electrode Modification Layer and Its Working Mechanism. Nanoscale Research Letters, 2018, 13, 310.	5.7	4
152	High-Efficiency White Light Emission Using a Phosphorescent Sensitizer in Organic Light-Emitting Devices. Optical and Quantum Electronics, 2004, 36, 659-664.	3.3	3
153	Characterization of Ge-doped silica films with low optical loss grown by flame hydrolysis deposition. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2004, 107, 317-320.	3.5	3
154	Efficiency enhancement in quantum dot light-emitting devices employing trapping-type electron buffer layer. Organic Electronics, 2019, 66, 211-215.	2.6	3
155	Manipulating charge carrier transporting of disubstituted phenylbenzoimidazole-based host materials for efficient full-color PhOLEDs. Organic Electronics, 2020, 77, 105513.	2.6	3
156	Photoinduced Changes in Ge-Doped Flame Hydrolysis Silica Glass Films. Japanese Journal of Applied Physics, 2003, 42, 7461-7463.	1.5	2
157	Structural Design of a Passive Matrix (PM) Color Organic Light-Emitting Device. Japanese Journal of Applied Physics, 2003, 42, 2545-2548.	1.5	2
158	High-efficiency Simple Structure White Organic Light-emitting Devices Based on Rubrene Ultrathin Layer. Optical and Quantum Electronics, 2005, 37, 943-948.	3.3	2
159	Highly efficient white organic light-emitting devices with optimized electron transporting layers. Chemical Research in Chinese Universities, 2017, 33, 227-230.	2.6	2
160	High performance doping-free WOLEDs based on rationally designed asymmetric orange-red Ir(III) emitter with balanced charge mobility. Organic Electronics, 2021, 89, 106022.	2.6	2
161	Blue top-emitting organic light-emitting devices using Alq3 as phase shift adjustment layer. Optoelectronics Letters, 2011, 7, 126-128.	0.8	1
162	Modulation of recombination zone position for white perovskite/organic emitter hybrid light-emitting devices. Applied Physics Letters, 2022, 120, .	3.3	1

#	ARTICLE	IF	CITATIONS
163	Optical constants of 2,3-bis-(N,N-1-naphthylphenylamino) -N-methylmaleimide thin film by spectroscopic ellipsometry. EPJ Applied Physics, 2005, 31, 179-183.	0.7	0
164	The UV-induced positive and negative refractive index changes in GeO2-SiO2films. EPJ Applied Physics, 2005, 32, 105-108.	0.7	0
165	High-Efficient Non-Doped Type White Organic Light-Emitting Devices Using an Electron/Exciton Blocker. Materials Science Forum, 2005, 475-479, 1799-1804.	0.3	0
166	UV-Irradiation-Induced Refractive Index Increase of Ge-Doped Silica Films. Materials Science Forum, 2005, 475-479, 1837-1840.	0.3	0
167	Solution-Processed High Mobility Top-Gate N-Channel Polymer Field-Effect Transistors. Chinese Physics Letters, 2015, 32, 098501.	3.3	0
168	Low color temperature, high color rendering index candlelight style white organic light-emitting devices with a fac-tris (mesityl-2-phenyl-1H-imidazole) iridium (III) blue emitting layer. Materials Research Express, 2019, 6, 016205.	1.6	0