Bo-Yen Lin

List of Publications by Year
in descending order

22	825	1306789 7	839053 18
papers	citations	h-index	g-index

22	22	22	1236
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Donor disubstituted trifluoromethyl benzenes for various electroluminescent devices. Dyes and Pigments, 2022, 198, 109956.	2.0	4
2	Effects of electron transport layer thickness on light extraction in corrugated OLEDs. Optics Express, 2022, 30, 18066.	1.7	7
3	Pâ€88: Efficiency Improvement of Topâ€Emission Green Quantumâ€Dot Lightâ€Emitting Diode with Dielectricâ€Metalâ€Dielectric Cathode. Digest of Technical Papers SID International Symposium, 2022, 53, 1355-1356.	0.1	2
4	Does Throughâ€Space Charge Transfer in Bipolar Hosts Affect the Efficiency of Blue OLEDs?. Advanced Optical Materials, 2021, 9, 2002227.	3.6	7
5	Effect of Carrier-Transporting Layer on Blue Phosphorescent Organic Light-Emitting Diodes. Photonics, 2021, 8, 124.	0.9	1
6	65â€4: Investigation on Blue Quantumâ€Dot Lightâ€Emitting Diode with Positive Aging Treatment. Digest of Technical Papers SID International Symposium, 2021, 52, 957-958.	0.1	1
7	Longâ€Distance Triplet Diffusion and Wellâ€Packing Hosts with Ultralow Dopant Concentration for Achieving Highâ€Efficiency TADF OLED. Advanced Optical Materials, 2021, 9, 2100857.	3.6	12
8	Room-temperature corrugated indium zinc oxide anode to achieve high-efficiency blue phosphorescent organic light-emitting diodes. Organic Electronics, 2021, 96, 106237.	1.4	6
9	Lifetime elongation of quantum-dot light-emitting diodes by inhibiting the degradation of hole transport layer. RSC Advances, 2021, 11, 20884-20891.	1.7	6
10	65â€3: Green Topâ€emission Quantum Dot Lightâ€emitting Diodes (TEâ€QLED) with Normal and Inverted Structure. Digest of Technical Papers SID International Symposium, 2020, 51, 968-970.	0.1	0
11	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.	4.0	13
12	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.	1.6	28
13	Liquid crystal display and organic light-emitting diode display: present status and future perspectives. Light: Science and Applications, 2018, 7, 17168-17168.	7.7	667
14	Exciplex-Sensitized Tripletâ€“Triplet Annihilation in Heterojunction Organic Thin-Film. ACS Applied Materials & Interfaces, 2017, 9, 10963-10970.	4.0	39
15	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
16	Pâ€174: 16.1â€times Elongation of Operation Lifetime in a Blue TTAâ€OLED by using New ETL and EML Materials. Digest of Technical Papers SID International Symposium, 2017, 48, 1928-1931.	0.1	5
17	P-161: 89.3% Lifetime Elongation of Blue TTA-OLED with Assistant Host. Digest of Technical Papers SID International Symposium, 2016, 47, 1727-1729.	0.1	7
18	Device performances of exciplex organic light-emitting diodes with different emitting layer thickness. , 2016, , .		0

#	Article	IF	Citations
19	Blue phosphorescent organic light-emitting diode with triazole host achieving high current efficiency. , 2016, , .		0
20	Electrical and optical characteristics of phosphorescent organic light-emitting device with thin-codoped layer insertion. Organic Electronics, 2015, 24, 182-187.	1.4	13
21	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.	0.1	1
22	Harnessing the Inductive Effect To Design New Donorâ€“Acceptorâ€“Acceptorâ€²-Configured Small-Molecule Donors for Vacuum-Processed Organic Photovoltaics. Energy & Fuels, 0, , .	2.5	2