

# Bo-Yen Lin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9596536/publications.pdf>

Version: 2024-02-01

22  
papers

825  
citations

1306789

7  
h-index

839053

18  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1236  
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	Exciplex-Sensitized Triplet-Triplet Annihilation in Heterojunction Organic Thin-Film. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 10963-10970.	4.0	39
3	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
4	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
5	Bistriazoles with a Biphenyl Core Derivative as an Electron-Favorable Bipolar Host of Efficient Blue Phosphorescent Organic Light-Emitting Diodes. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 49895-49904.	4.0	13
6	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
7	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
8	Does Through-Space Charge Transfer in Bipolar Hosts Affect the Efficiency of Blue OLEDs?. <i>Advanced Optical Materials</i> , 2021, 9, 2002227.	3.6	7
9	Effects of electron transport layer thickness on light extraction in corrugated OLEDs. <i>Optics Express</i> , 2022, 30, 18066.	1.7	7
10	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
11	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
12	P-174: 16.1-times Elongation of Operation Lifetime in a Blue TTA-OLED by using New ETL and EML Materials. <i>Digest of Technical Papers SID International Symposium</i> , 2017, 48, 1928-1931.	0.1	5
13	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.	0.1	4
14	Donor disubstituted trifluoromethyl benzenes for various electroluminescent devices. <i>Dyes and Pigments</i> , 2022, 198, 109956.	2.0	4
15	Harnessing the Inductive Effect To Design New Donor-Acceptor <sup>2</sup> -Configured Small-Molecule Donors for Vacuum-Processed Organic Photovoltaics. <i>Energy &amp; Fuels</i> , 0, , .	2.5	2
16	P-88: 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.	0.1	2
17	45.2: Extraction Efficiency Enhancement of AMOLED Display with Acceptable Blur by Attaching Trapezoid Array Film. <i>Digest of Technical Papers SID International Symposium</i> , 2014, 45, 646-647.	0.1	1
18	Effect of Carrier-Transporting Layer on Blue Phosphorescent Organic Light-Emitting Diodes. <i>Photonics</i> , 2021, 8, 124.	0.9	1

#	ARTICLE	IF	CITATIONS
19	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
20	Device performances of exciplex organic light-emitting diodes with different emitting layer thickness. , 2016, , .		0
21	Blue phosphorescent organic light-emitting diode with triazole host achieving high current efficiency. , 2016, , .		0
22	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