

Jau-Jiun Huang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Long-Range 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
2	P¨: High Efficiency (EQE>30%) TADF-OLED with Lightly-Doped Emitter (0.5%) by using TADF-Host. <i>Digest of Technical Papers SID International Symposium</i> , 2020, 51, 2020-2021.	0.3	0
3	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.	8.0	13
4	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, .	2.4	6
5	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.	3.3	28
6	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
7	13: <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
8	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
9	P¶: Universal Host oiCbzBz 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
10	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
11	Modeling of carrier transport in organic light emitting diode with random dopant effects by two-dimensional simulation. <i>Optics Express</i> , 2017, 25, 25492.	3.4	8
12	High efficiency blue phosphorescent organic light-emitting diode with partially mixed host. , 2016, , .		0
13	Novel benzimidazole/carbazole hybrid ambipolar molecules and application in PhOLEDs. , 2016, , .		0
14	New PCT host to achieve high efficiency blue phosphorescent organic light emitting diode. , 2016, , .		0
15	Multifunctional co-poly(amic acid): A new binder for Si-based micro-composite anode of lithium-ion battery. <i>Journal of Power Sources</i> , 2016, 330, 246-252.	7.8	20
16	Blue phosphorescent organic light-emitting diode with triazole host achieving high current efficiency. , 2016, , .		0
17	Orthogonally Substituted Benzimidazole-Carbazole Benzene As Universal Hosts for Phosphorescent Organic Light-Emitting Diodes. <i>Organic Letters</i> , 2016, 18, 672-675.	4.6	78
18	Structural Optimizing Carrier Recombination for Efficient Blue Phosphorescence Organic Light-Emitting Diode With Ambipolar Host. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2016, 22, 54-59.	2.9	4

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19	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
20	High-Efficiency Blue Phosphorescence Organic Light-Emitting Diode with Ambipolar Carbazole-Triazole Host. Journal of Physical Chemistry C, 2015, 119, 16846-16852.	3.1	32
21	Novel Benzimidazole Derivatives as Electron-Transporting Type Host To Achieve Highly Efficient Sky-Blue Phosphorescent Organic Light-Emitting Diode (PHOLED) Device. Organic Letters, 2014, 16, 5398-5401.	4.6	41
22	Polymers with alkyl main chain pendent biphenyl carbazole or triphenylamine unit as host for polymer light emitting diodes. Polymer, 2012, 53, 4983-4992.	3.8	30