

Chin-Yiu Chan

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,330
citations

759233

12
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

1216
citing authors

#	ARTICLE	IF	CITATIONS
1	Spiroconjugated Tetraaminospirenes as Donors in Color-Tunable Charge-Transfer Emitters with Donor-Acceptor Structure. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	2
2	Carbazole-2-carbonitrile as an acceptor in deep-blue thermally activated delayed fluorescence emitters for narrowing charge-transfer emissions. <i>Chemical Science</i> , 2022, 13, 7821-7828.	7.4	8
3	Enhancing spin-orbital coupling in deep-blue/blue TADF emitters by minimizing the distance from the heteroatoms in donors to acceptors. <i>Chemical Engineering Journal</i> , 2021, 420, 127591.	12.7	47
4	Isotope Effect of Host Material on Device Stability of Thermally Activated Delayed Fluorescence Organic Light-Emitting Diodes. <i>Small Science</i> , 2021, 1, 2000057.	9.9	22
5	Investigating HOMO Energy Levels of Terminal Emitters for Realizing High-Brightness and Stable TADF-Assisted Fluorescence Organic Light-Emitting Diodes. <i>Advanced Electronic Materials</i> , 2021, 7, 2001090.	5.1	55
6	19 <i>th</i> Invited Paper: Stable Pure-Blue Hyperfluorescence OLEDs. <i>Digest of Technical Papers SID International Symposium</i> , 2021, 52, 224-227.	0.3	1
7	Stable pure-blue hyperfluorescence organic light-emitting diodes with high-efficiency and narrow emission. <i>Nature Photonics</i> , 2021, 15, 203-207.	31.4	449
8	Boron(<i>iii</i>) β^2 -diketonate-based small molecules for functional non-fullerene polymer solar cells and organic resistive memory devices. <i>Chemical Science</i> , 2020, 11, 11601-11612.	7.4	16
9	Utilization of Multi-Heterodonors in Thermally Activated Delayed Fluorescence Molecules and Their High Performance Bluish-Green Organic Light-Emitting Diodes. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 9498-9506.	8.0	18
10	Three-Dimensional Spirothienoquinoline-Based Small Molecules for Organic Photovoltaic and Organic Resistive Memory Applications. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 11865-11875.	8.0	6
11	A spirofluorene-end-capped bis-stilbene derivative with a low amplified spontaneous emission threshold and balanced hole and electron mobilities. <i>Optical Materials</i> , 2020, 100, 109636.	3.6	8
12	Nanosecond-time-scale delayed fluorescence molecule for deep-blue OLEDs with small efficiency rolloff. <i>Nature Communications</i> , 2020, 11, 1765.	12.8	287
13	High-triplet-energy Bipolar Host Materials Based on Phosphine Oxide Derivatives for Efficient Sky-blue Thermally Activated Delayed Fluorescence Organic Light-emitting Diodes with Reduced Roll-off. <i>Chemistry Letters</i> , 2019, 48, 1225-1228.	1.3	4
14	Rational Molecular Design for Deep-Blue Thermally Activated Delayed Fluorescence Emitters. <i>Advanced Functional Materials</i> , 2018, 28, 1706023.	14.9	195
15	Efficient and stable sky-blue delayed fluorescence organic light-emitting diodes with CIEy below 0.4. <i>Nature Communications</i> , 2018, 9, 5036.	12.8	113
16	Bifunctional Heterocyclic Spiro Derivatives for Organic Optoelectronic Devices. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 24782-24792.	8.0	32
17	Hole-Transporting Spirothioxanthene Derivatives as Donor Materials for Efficient Small-Molecule-Based Organic Photovoltaic Devices. <i>Chemistry of Materials</i> , 2014, 26, 6585-6594.	6.7	42
18	A new class of three-dimensional, p-type, spirobifluorene-modified perylene diimide derivatives for small molecular-based bulk heterojunction organic photovoltaic devices. <i>Journal of Materials Chemistry C</i> , 2014, 2, 7656.	5.5	18