Dan Wang

List of Publications by Year
in descending order

20 papers	429 citations	759233 12 h-index	794594 19 g-index
21 all docs	21 docs citations	21 times ranked	515 citing authors

#	ARTICLE	IF	CITATIONS
1	Selection of side groups on simple <scp>nonâ€fullerene</scp> acceptors for the application in organic solar cells: From flexible to rigid. Journal of Polymer Science, 2022, 60, 2343-2351.	3.8	1
2	Ultrapure blue organic light-emitting diodes exhibiting 13 nm full width at half-maximum. Journal of Materials Chemistry C, 2022, 10, 7799-7802.	5.5	17
3	Zeroâ€“Zero Energy-Dominated Degradation in Blue Organic Light-Emitting Diodes Employing Thermally Activated Delayed Fluorescence. ACS Applied Materials & Interfaces, 2022, 14, 22332-22340.	8.0	7
4	Efficient and stable deep blue thermally activated delayed fluorescent molecules based on a bipyridine acceptor core. Journal of Materials Chemistry C, 2021, 9, 3088-3095.	5.5	6
5	Efficient Intramolecular Chargeâ€•Transfer Fluorophores Based on Substituted Triphenylphosphine Donors. Angewandte Chemie, 2021, 133, 15176-15180.	2.0	4
6	Efficient Intramolecular Chargeâ€•Transfer Fluorophores Based on Substituted Triphenylphosphine Donors. Angewandte Chemie - International Edition, 2021, 60, 15049-15053.	13.8	14
7	Efficient and Stable Organic Light-Emitting Diodes Employing Indolo[2,3-<i>b</i>]indole-Based Thermally Activated Delayed Fluorescence Emitters. ACS Applied Materials & Interfaces, 2020, 12, 6127-6136.	8.0	23
8	Efficient deep-blue organic light-emitting diodes employing difluoroboron-enabled thermally activated delayed fluorescence emitters. Journal of Materials Chemistry C, 2020, 8, 17464-17473.	5.5	19
9	Weakly Conjugated Phosphine Oxide Hosts for Efficient Blue Thermally Activated Delayed Fluorescence Organic Light-Emitting Diodes. ACS Applied Materials & Interfaces, 2020, 12, 30591-30599.	8.0	11
10	High Fluorescence Rate of Thermally Activated Delayed Fluorescence Emitters for Efficient and Stable Blue OLEDs. ACS Applied Materials & Interfaces, 2020, 12, 31706-31715.	8.0	27
11	Expanding the hole delocalization range in excited molecules for stable organic light-emitting diodes employing thermally activated delayed fluorescence. Journal of Materials Chemistry C, 2020, 8, 10021-10030.	5.5	14
12	Degradation Mechanisms in Blue Organic Light-Emitting Diodes. CCS Chemistry, 2020, 2, 1278-1296.	7.8	60
13	Difluoroboron-Enabled Thermally Activated Delayed Fluorescence. ACS Applied Materials & Interfaces, 2019, 11, 32209-32217.	8.0	46
14	Improving the Stability of Green Thermally Activated Delayed Fluorescence OLEDs by Reducing the Excited-State Dipole Moment. Journal of Physical Chemistry C, 2019, 123, 29875-29883.	3.1	22
15	Pyrazine-Based Blue Thermally Activated Delayed Fluorescence Materials: Combine Small Singletâ€“Triplet Splitting With Large Fluorescence Rate. Frontiers in Chemistry, 2019, 7, 312.	3.6	17
16	Excitonâ€•and Polaronâ€•Induced Reversible Dipole Reorientation in Amorphous Organic Semiconductor Films. Advanced Optical Materials, 2019, 7, 1801644.	7.3	44
17	Computational prediction for oxidation and reduction potentials of organic molecules used in organic light-emitting diodes. Organic Electronics, 2019, 64, 216-222.	2.6	31
18	Theoretical design and investigation of 1,8-naphthalimide-based two-photon fluorescent probes for detecting cytochrome P450 1A with separated fluorescence signal. Physical Chemistry Chemical Physics, 2018, 20, 13290-13305.	2.8	17

#	Article	IF	Citations
19	Prediction of Intramolecular Charge-Transfer Excitation for Thermally Activated Delayed Fluorescence Molecules from a Descriptor-Tuned Density Functional. Journal of Physical Chemistry C, 2018, 122, 7816-7823.	3.1	36
20	A theoretical investigation of the two-photon absorption and fluorescent properties of coumarin-based derivatives for Pd²⁺ detection. RSC Advances, 2017, 7, 49505-49517.	3.6	13