

Li Wei

List of Publications by Year in descending order

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17
times ranked

944
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#	ARTICLE	IF	CITATIONS
1	Converting thermally activated delayed fluorescence into hybridized local and charge-transfer via an addition acceptor moiety. <i>Organic Electronics</i> , 2022, 100, 106365.	2.6	8
2	J-Aggregation Enhances the Electroluminescence Performance of a Sky-Blue Thermally Activated Delayed-Fluorescence Emitter in Nondoped Organic Light-Emitting Diodes. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 2717-2723.	8.0	52
3	Non-noble-metal-based organic emitters for OLED applications. <i>Materials Science and Engineering Reports</i> , 2020, 142, 100581.	31.8	55
4	Tri- π -Spiral Donor for High Efficiency and Versatile Blue Thermally Activated Delayed Fluorescence Materials. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11301-11305.	13.8	198
5	Utilizing a Spiro TADF Moiety as a Functional Electron Donor in TADF Molecular Design toward Efficient π - π^* Reverse Intersystem Crossing. <i>Advanced Functional Materials</i> , 2019, 29, 1808088.	14.9	101
6	Cyanopyridine based bipolar host materials for phosphorescent light-emitting diodes with low efficiency roll-off: Importance of charge balance. <i>Dyes and Pigments</i> , 2018, 159, 230-237.	3.7	12
7	D π -A π -D-type orange-light emitting thermally activated delayed fluorescence (TADF) materials based on a fluorenone unit: simulation, photoluminescence and electroluminescence studies. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 672-681.	2.2	22
8	Dual n-type units including pyridine and diphenylphosphine oxide: effective design strategy of host materials for high-performance organic light-emitting diodes. <i>Chemical Science</i> , 2016, 7, 6706-6714.	7.4	50
9	1,2,4-Triazole-containing bipolar hosts for blue and green phosphorescent organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2016, 4, 7260-7268.	5.5	27
10	Novel Ir(ppy) ₃ Derivatives: Simple Structure Modification Toward Nearly 30% External Quantum Efficiency in Phosphorescent Organic Light-Emitting Diodes. <i>Advanced Optical Materials</i> , 2016, 4, 864-870.	7.3	25
11	Cyanopyridine Based Bipolar Host Materials for Green Electrophosphorescence with Extremely Low Turn-On Voltages and High Power Efficiencies. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 21497-21504.	8.0	49
12	Simple Bipolar Host Materials for High-Efficiency Blue, Green, and White Phosphorescence OLEDs. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 22382-22391.	8.0	69
13	Comprehensive Studies on Excited-State Proton Transfer of a Series of 2-(2-Hydroxyphenyl)benzothiazole Derivatives: Synthesis, Optical Properties, and Theoretical Calculations. <i>Journal of Physical Chemistry C</i> , 2015, 119, 4242-4251.	3.1	99
14	Bipolar host materials for high-efficiency blue phosphorescent and delayed-fluorescence OLEDs. <i>Journal of Materials Chemistry C</i> , 2015, 3, 12529-12538.	5.5	66
15	Universal Host Materials for High-Efficiency Phosphorescent and Delayed-Fluorescence OLEDs. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 26206-26216.	8.0	84
16	Organic Host Materials for Solution-Processed Phosphorescent Organic Light-Emitting Diodes. <i>Israel Journal of Chemistry</i> , 2014, 54, 867-884.	2.3	12
17	Solution-processible small-molecular host materials for high-performance phosphorescent organic light-emitting diodes. <i>Dyes and Pigments</i> , 2014, 102, 150-158.	3.7	15