

# Zhiqiang Li

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

1,041  
citations

516710

16  
h-index

752698

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

778  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Structure and Device Configuration Optimizations toward Highly Efficient Green Electroluminescence with Narrowband Emission and High Color Purity. <i>Advanced Optical Materials</i> , 2020, 8, 1902142.	7.3	218
2	Highly Efficient Electroluminescent Materials with High Color Purity Based on Strong Acceptor Attachment onto N-Containing Multiple Resonance Frameworks. <i>CCS Chemistry</i> , 2022, 4, 2065-2079.	7.8	132
3	Improving the Efficiency of Red Thermally Activated Delayed Fluorescence Organic Light-Emitting Diode by Rational Isomer Engineering. <i>Advanced Functional Materials</i> , 2020, 30, 2002681.	14.9	121
4	Indolo[3,2,1 <i>jk</i> ]carbazole Embedded Multiple Resonance Fluorophors for Narrowband Deep-Blue Electroluminescence with EQE <sup>int</sup> 34.7% and CIE <sub>y</sub> 0.085. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 12269-12273.	13.8	106
5	Efficient deep-blue OLEDs based on phenanthro[9,10-d]imidazole-containing emitters with AIE and bipolar transporting properties. <i>Journal of Materials Chemistry C</i> , 2016, 4, 10120-10129.	5.5	82
6	Supramolecular Structure-Dependent Thermally-Activated Delayed Fluorescence (TADF) Properties of Organic Polymorphs. <i>Journal of Physical Chemistry C</i> , 2016, 120, 19759-19767.	3.1	60
7	Nonsymmetrical Connection of Two Identical Building Blocks: Constructing Donor-Acceptor Molecules as Deep Blue Emitting Materials for Efficient Organic Emitting Diodes. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 842-847.	4.6	45
8	Structurally simple non-doped sky-blue OLEDs with high luminance and efficiencies at low driving voltages. <i>Journal of Materials Chemistry C</i> , 2017, 5, 1973-1980.	5.5	42
9	Rational design of efficient orange-red to red thermally activated delayed fluorescence emitters for OLEDs with external quantum efficiency of up to 26.0% and reduced efficiency roll-off. <i>Journal of Materials Chemistry C</i> , 2020, 8, 1614-1622.	5.5	38
10	High-efficiency non-doped deep-blue fluorescent organic light-emitting diodes based on carbazole/phenanthroimidazole derivatives. <i>Journal of Materials Chemistry C</i> , 2020, 8, 10185-10190.	5.5	31
11	Achieving Efficient Blue Delayed Electrofluorescence by Shielding Acceptors with Carbazole Units. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 28096-28105.	8.0	30
12	An Organic Emitter Displaying Dual Emissions and Efficient Delayed Fluorescence White OLEDs. <i>Advanced Optical Materials</i> , 2019, 7, 1801667.	7.3	28
13	Indolo[3,2,1 <i>jk</i> ]carbazole Embedded Multiple Resonance Fluorophors for Narrowband Deep-Blue Electroluminescence with EQE <sup>int</sup> 34.7% and CIE <sub>y</sub> 0.085. <i>Angewandte Chemie</i> , 2021, 133, 2012377-12381.	2.0	22
14	Isomer dependent molecular packing and carrier mobility of N-phenylcarbazole-phenanthro[9,10-d]imidazole based materials as hosts for efficient electrophosphorescence devices. <i>Journal of Materials Chemistry C</i> , 2019, 7, 13486-13492.	5.5	20
15	A twisted phenanthroimidazole based molecule with high triplet energy as a host material for high efficiency phosphorescent OLEDs. <i>Journal of Materials Chemistry C</i> , 2018, 6, 12888-12895.	5.5	18
16	Photoluminescent manipulation of phenoxazine-based molecules via regulating conformational isomerization, and the corresponding electroluminescent properties. <i>Journal of Materials Chemistry C</i> , 2019, 7, 14255-14263.	5.5	18
17	Suppressing Efficiency Roll-Off of TADF Based OLEDs by Constructing Emitting Layer With Dual Delayed Fluorescence. <i>Frontiers in Chemistry</i> , 2019, 7, 302.	3.6	11
18	Fluorine-Substituted Phenanthro[9,10-d]imidazole Derivatives with Optimized Charge-Transfer Characteristics for Efficient Deep-Blue Emitters. <i>Organic Materials</i> , 2020, 02, 011-019.	2.0	9

#	ARTICLE	IF	CITATIONS
19	From sky blue to orange red: Accomplishment of single-emitter full-color electroluminescence via manipulating intermolecular $\pi$ - $\pi$ interactions. <i>Organic Electronics</i> , 2020, 78, 105550.	2.6	6
20	Room-Temperature Phosphorescence and Low-Energy Induced Direct Triplet Excitation of Alq <sub>3</sub> Engineered Crystals. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 9364-9370.	4.6	4
21	Structures and Photoluminescence Properties of Bis(aromatic amino)-Based Isomers with Biphenyl as Bridge. <i>ChemistrySelect</i> , 2022, 7, .	1.5	0