

# Zhiqiang Li

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1408317/publications.pdf>

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  | 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       |
| 2  | Structures and Photoluminescence Properties of Bis(aromatic amino)-Based Isomers with Biphenyl as Bridge. <i>ChemistrySelect</i> , 2022, 7, .  | 1.5  | 0         |
| 3  | Indolo[3,2,1 <i>jk</i> ]carbazole Embedded Multiple-Resonance Fluorophors for Narrowband Deep-Blue Electroluminescence with EQE $\sim$ 34.7% and CIE <sub>y</sub> $\sim$ 0.085. <i>Angewandte Chemie</i> , 2021, 133, 2012377-12381.                             | 2.0  | 22        |
| 4  | Indolo[3,2,1 <i>jk</i> ]carbazole Embedded Multiple-Resonance Fluorophors for Narrowband Deep-Blue Electroluminescence with EQE $\sim$ 34.7% and CIE <sub>y</sub> $\sim$ 0.085. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 12269-12273.        | 3.8  | 106       |
| 5  | 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         |
| 6  | 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        |
| 7  | 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         |
| 8  | 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        |
| 9  | 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       |
| 10 | 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       |
| 11 | Fluorine-Substituted Phenanthro[9,10- <i>d</i> ]imidazole Derivatives with Optimized Charge-Transfer Characteristics for Efficient Deep-Blue Emitters. <i>Organic Materials</i> , 2020, 02, 011-019.   | 2.0  | 9         |
| 12 | 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        |
| 13 | 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        |
| 14 | An Organic Emitter Displaying Dual Emissions and Efficient Delayed Fluorescence White OLEDs. <i>Advanced Optical Materials</i> , 2019, 7, 1801667.   | 7.3  | 28        |
| 15 | 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        |
| 16 | Isomer dependent molecular packing and carrier mobility of <i>N</i> -phenylcarbazole-phenanthro[9,10- <i>d</i> ]imidazole based materials as hosts for efficient electrophosphorescence devices. <i>Journal of Materials Chemistry C</i> , 2019, 7, 13486-13492. | 5.5  | 20        |
| 17 | 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        |
| 18 | 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        |

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|----|--|-----|-----------|
| 19 | 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        |
| 20 | 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        |
| 21 | 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        |