

# Chenglong Li

## List of Publications by Year in descending order

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47  
papers

3,282  
citations

172457

29  
h-index

243625

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47  
all docs

47  
docs citations

47  
times ranked

2845  
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	Donor-Acceptor Molecule Based High-Performance Photothermal Organic Material for Efficient Water Purification and Electricity Generation. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	34
3	Carbazole-benzonitrile based organic semiconductors: Synthesis, characterization and electroluminescent property. <i>Organic Electronics</i> , 2022, 102, 106445.	2.6	1
4	Ultrafast Photophysics of Multiple-Resonance Ultrapure Blue Emitters. <i>Journal of Physical Chemistry B</i> , 2022, 126, 2729-2739.	2.6	5
5	Achieving 37.1% Green Electroluminescent Efficiency and 0.09 eV Full Width at Half Maximum Based on a Ternary Boron-Oxygen-Nitrogen Embedded Polycyclic Aromatic System. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	85
6	A Benzene Ring-Linked Dimethylamino and Borate Ester-Based Molecule and Organic Crystal: Efficient Dual Room-Temperature Phosphorescence with Responsive Property. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	3
7	Structures and Photoluminescence Properties of Bis(aromatic amino)-Based Isomers with Biphenyl as Bridge. <i>ChemistrySelect</i> , 2022, 7, .	1.5	0
8	Reversible Crystal-to-Crystal Phase Transitions with High-Contrast Luminescent Alterations for a Thermally Activated Delayed Fluorescence Emitter. <i>Advanced Functional Materials</i> , 2021, 31, 2007511.	14.9	54
9	Novel Deep-Blue Hybridized Local and Charge-Transfer Host Emitter for High-Quality Fluorescence/Phosphor Hybrid Quasi-White Organic Light-Emitting Diode. <i>Advanced Functional Materials</i> , 2021, 31, 2100704.	14.9	63
10	Highly Efficient Electroluminescence from Narrowband Green Circularly Polarized Multiple Resonance Thermally Activated Delayed Fluorescence Enantiomers. <i>Advanced Materials</i> , 2021, 33, e2100652.	21.0	173
11	Highly Efficient Electrofluorescence Material Based on Pure Organic Phosphor Sensitization**. <i>Angewandte Chemie</i> , 2021, 133, 15463-15467.	2.0	2
12	Highly Efficient Electrofluorescence Material Based on Pure Organic Phosphor Sensitization**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15335-15339.	13.8	40
13	High-performance non-doped pure-blue electroluminescent device based on bisphenanthroimidazole derivative with twisted donor-acceptor structure. <i>Organic Electronics</i> , 2021, 94, 106171.	2.6	1
14	Donor-Acceptor-Type Organic Small-Molecule-Based Solar-Energy-Absorbing Material for Highly Efficient Water Evaporation and Thermoelectric Power Generation. <i>Advanced Functional Materials</i> , 2021, 31, 2106247.	14.9	46
15	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
16	Photomultiplication type organic photodetectors based on electron tunneling injection. <i>Nanoscale</i> , 2020, 12, 1091-1099.	5.6	99
17	Advances in perovskite photodetectors. <i>Informa-Materially</i> , 2020, 2, 1247-1256.	17.3	107
18	Sensitive and Stable Tin-Lead Hybrid Perovskite Photodetectors Enabled by Double-Sided Surface Passivation for Infrared Upconversion Detection. <i>Small</i> , 2020, 16, e2001534.	10.0	76

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19	Constructing Charge-Transfer Excited States Based on Frontier Molecular Orbital Engineering: Narrowband Green Electroluminescence with High Color Purity and Efficiency. <i>Angewandte Chemie</i> , 2020, 132, 17595-17599.	2.0	54
20	Constructing Charge-Transfer Excited States Based on Frontier Molecular Orbital Engineering: Narrowband Green Electroluminescence with High Color Purity and Efficiency. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 17442-17446.	13.8	242
21	Ultrafast and broadband photodetectors based on a perovskite/organic bulk heterojunction for large-dynamic-range imaging. <i>Light: Science and Applications</i> , 2020, 9, 31.	16.6	372
22	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
23	Perovskite Photodetectors: Sensitive and Stable Tin-Lead Hybrid Perovskite Photodetectors Enabled by Double-Sided Surface Passivation for Infrared Upconversion Detection (Small 26/2020). <i>Small</i> , 2020, 16, 2070146.	10.0	3
24	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
25	Construction of Efficient Deep-Red/Near-Infrared Emitter Based on a Large $\pi$ -Conjugated Acceptor and Delayed Fluorescence OLEDs with External Quantum Efficiency of over 20%. <i>Journal of Physical Chemistry C</i> , 2019, 123, 18585-18592.	3.1	70
26	Highly Sensitive, Fast Response Perovskite Photodetectors Demonstrated in Weak Light Detection Circuit and Visible Light Communication System. <i>Small</i> , 2019, 15, e1903599.	10.0	101
27	Purely Organic Phosphorescence Emitter-Based Efficient Electroluminescence Devices. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 5983-5988.	4.6	76
28	Solution-Processed Visible-Blind Ultraviolet Photodetectors with Nanosecond Response Time and High Detectivity. <i>Advanced Optical Materials</i> , 2019, 7, 1900506.	7.3	60
29	Recent advances on organic-inorganic hybrid perovskite photodetectors with fast response. <i>Informa-Materials</i> , 2019, 1, 164-182.	17.3	61
30	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
31	An Organic Emitter Displaying Dual Emissions and Efficient Delayed Fluorescence White OLEDs. <i>Advanced Optical Materials</i> , 2019, 7, 1801667.	7.3	28
32	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
33	Isomer dependent molecular packing and carrier mobility of <i>N</i> -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
34	Novel Blue Bipolar Thermally Activated Delayed Fluorescence Material as Host Emitter for High-Efficiency Hybrid Warm-White OLEDs with Stable High Color-Rendering Index. <i>Advanced Functional Materials</i> , 2018, 28, 1707002.	14.9	81
35	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
36	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

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37	Deep-Red to Near-Infrared Thermally Activated Delayed Fluorescence in Organic Solid Films and Electroluminescent Devices. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11525-11529.	13.8	293
38	Deep-Red to Near-Infrared Thermally Activated Delayed Fluorescence in Organic Solid Films and Electroluminescent Devices. <i>Angewandte Chemie</i> , 2017, 129, 11683-11687.	2.0	47
39	Thermally Stable and Highly Luminescent Green Emissive Fluorophores with Acenaphtho[1,2- <i>bk</i> ]fluoranthene Cores and Aromatic Amine Groups. <i>ChemPlusChem</i> , 2017, 82, 315-322.	2.8	4
40	Micro organic light-emitting diodes fabricated through area-selective growth. <i>Materials Chemistry Frontiers</i> , 2017, 1, 2606-2612.	5.9	10
41	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
42	Induction of Strong Long-Lived Room-Temperature Phosphorescence of <i>N</i> -Phenyl-2-naphthylamine Molecules by Confinement in a Crystalline Dibromobiphenyl Matrix. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15589-15593.	13.8	265
43	Induction of Strong Long-Lived Room-Temperature Phosphorescence of <i>N</i> -Phenyl-2-naphthylamine Molecules by Confinement in a Crystalline Dibromobiphenyl Matrix. <i>Angewandte Chemie</i> , 2016, 128, 15818-15822.	2.0	71
44	Non-doped luminescent material based organic light-emitting devices displaying high brightness under very low driving voltage. <i>Journal of Materials Chemistry C</i> , 2016, 4, 7013-7019.	5.5	26
45	High performance full color OLEDs based on a class of molecules with dual carrier transport channels and small singlet-triplet splitting. <i>Chemical Communications</i> , 2015, 51, 10632-10635.	4.1	88
46	Donor-Acceptor Molecule Based High Performance Photothermal Organic Material for Efficient Water-Electric Cogeneration. <i>Angewandte Chemie</i> , 0, , .	2.0	0
47	Achieving 37.1% Green Electroluminescent Efficiency and 0.09 eV Full Width at Half Maximum Based on a Ternary Boron-Oxygen-Nitrogen Embedded Polycyclic Aromatic System. <i>Angewandte Chemie</i> , 0, , .	2.0	23