

Baoyan Liang

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,236
citations

759233

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888059

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docs citations

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times ranked

1259
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Purely Organic Phosphorescence Emitter-Based Efficient Electroluminescence Devices. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 5983-5988.	4.6	76
5	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
6	Construction of Efficient Deep-Red/Near-Infrared Emitter Based on a Large π -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
7	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
8	Exciplex-Based Electroluminescence: Over 21% External Quantum Efficiency and Approaching 100 lm/W Power Efficiency. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 2811-2816.	4.6	46
9	Highly Efficient Electrofluorescence Material Based on Pure Organic Phosphor Sensitization**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15335-15339.	13.8	40
10	High-contrast and reversible mechanochromic luminescence of a π -A compound with a twisted molecular conformation. <i>RSC Advances</i> , 2015, 5, 71903-71910.	3.6	35
11	An Organic Emitter Displaying Dual Emissions and Efficient Delayed Fluorescence White OLEDs. <i>Advanced Optical Materials</i> , 2019, 7, 1801667.	7.3	28
12	Benzimidazole-triazine based exciplex films as emitters and hosts to construct highly efficient OLEDs with a small efficiency roll-off. <i>Journal of Materials Chemistry C</i> , 2020, 8, 2700-2708.	5.5	27
13	Achieving High-Performance Pure-Red Electrophosphorescent Iridium(III) Complexes Based on Optimizing Ancillary Ligands. <i>Chemistry - A European Journal</i> , 2020, 26, 4410-4418.	3.3	11
14	Highly efficient full-fluorescence organic light-emitting diodes with exciplex cohosts. <i>Organic Electronics</i> , 2021, 88, 106004.	2.6	4
15	Highly Efficient Orange-Red Thermally Activated Delayed Fluorescence Compounds Comprising Dual Dicyano-Substituted Pyrazine/Quinoxaline Acceptors. <i>ChemPlusChem</i> , 2021, 86, 95-102.	2.8	2
16	Highly Efficient Electrofluorescence Material Based on Pure Organic Phosphor Sensitization**. <i>Angewandte Chemie</i> , 2021, 133, 15463-15467.	2.0	2
17	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
18	Structures and Photoluminescence Properties of Bis(aromatic amino)-Based Isomers with Biphenyl as Bridge. <i>ChemistrySelect</i> , 2022, 7, .	1.5	0