

Changfeng Si

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

489
citations

759233

12
h-index

677142

22
g-index

24
all docs

24
docs citations

24
times ranked

654
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorinated dibenzo[<i>a,c</i>]-phenazine-based green to red thermally activated delayed fluorescent OLED emitters. <i>Journal of Materials Chemistry C</i> , 2022, 10, 4757-4766.	5.5	7
2	Organic Long- ϵ Persistent Luminescence from a Thermally Activated Delayed Fluorescence Compound. <i>Advanced Materials</i> , 2020, 32, e2003911.	21.0	86
3	The design of an extended multiple resonance TADF emitter based on a polycyclic amine/carbonyl system. <i>Materials Chemistry Frontiers</i> , 2020, 4, 2018-2022.	5.9	81
4	Easily available, low-cost 9,9- ϵ -bianthracene derivatives as efficient blue hosts and deep-blue emitters in OLEDs. <i>Organic Electronics</i> , 2019, 66, 24-31.	2.6	19
5	Color tunable and very-high color rendering white organic light-emitting diodes employing a heavy-metal-free single emitter. <i>Surface and Coatings Technology</i> , 2019, 363, 442-446.	4.8	0
6	Photovoltaic Devices Prepared through a Trihydroxy Substitution Strategy on an Unsymmetrical Squaraine Dye. <i>Chemistry - A European Journal</i> , 2018, 24, 3234-3240.	3.3	18
7	Functional versatile bipolar 3,3- ϵ -dimethyl-9,9- ϵ -bianthracene derivatives as an efficient host and deep-blue emitter. <i>Dyes and Pigments</i> , 2018, 148, 329-340.	3.7	25
8	Carrier transfer and luminescence characteristics of thickness-dependent organic light-emitting diodes using transporting material as the host of emitting layer. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2017, 214, 1600689.	1.8	2
9	Efficiency enhancement in DIBSQ:PC71BM organic photovoltaic cells by using Liq-doped Bphen as a cathode buffer layer. <i>Frontiers of Materials Science</i> , 2017, 11, 233-240.	2.2	6
10	Ultrahigh-luminance organic light-emitting diodes using LiF/MgAg as cathode for the application of both surface emission. <i>Molecular Crystals and Liquid Crystals</i> , 2017, 651, 142-147.	0.9	1
11	Enhanced performance in inverted organic light-emitting diodes using Li ion doped ZnO cathode buffer layer. <i>Molecular Crystals and Liquid Crystals</i> , 2017, 651, 118-125.	0.9	6
12	High-performance flexible inverted organic light-emitting diodes by exploiting MoS ₂ nanopillar arrays as electron-injecting and light-coupling layers. <i>Nanoscale</i> , 2017, 9, 14602-14611.	5.6	32
13	The effect of processing solvent dependent film aggregation on the photovoltaic performance of squaraine:PC71BM bulk heterojunction solar cells. <i>Organic Electronics</i> , 2017, 51, 62-69.	2.6	26
14	Iridium(III) complexes bearing oxadiazol-substituted amide ligands: color tuning and application in highly efficient phosphorescent organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2017, 5, 9146-9156.	5.5	31
15	An ambipolar 3,3- ϵ -dimethyl-9,9- ϵ -bianthracene derivative as a blue host material for high-performance OLEDs. <i>RSC Advances</i> , 2017, 7, 49125-49132.	3.6	6
16	Stable green phosphorescence organic light-emitting diodes with low efficiency roll-off using a novel bipolar thermally activated delayed fluorescence material as host. <i>Chemical Science</i> , 2017, 8, 1259-1268.	7.4	77
17	Low-energy consumption and high-color-quality white organic light-emitting diodes. , 2017, , .		1
18	Lasing and Transport Properties of Poly[(9,9-dioctyl-2,7-divinylene-fluorenylene)-alt-co-(2-methoxy-5-(2-ethylhexyloxy)-1,4-phenylene)] (POFP) for the Application of Diode-Pumped Organic Solid Lasers. <i>Nanoscale Research Letters</i> , 2017, 12, 602.	5.7	6

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19	Efficient blue fluorescent electroluminescence based on a tert -butylated 9,9- <i>b</i> -bianthracene derivative with a twisted intramolecular charge-transfer excited state. <i>Synthetic Metals</i> , 2016, 217, 102-108.	3.9	10
20	Solution-processed organic light-emitting diodes based on yellow-emitting cationic iridium(III) complexes bearing cyclometalated carbene ligands. <i>Dyes and Pigments</i> , 2016, 134, 465-471.	3.7	16
21	Temperature-dependent device performance of organic photovoltaic cells based on a squaraine dye. <i>Synthetic Metals</i> , 2016, 222, 293-298.	3.9	13
22	Progress of Organic Photovoltaic Cells Based on Squaraine Small Molecule Donors and Fullerene Acceptors. <i>Chinese Journal of Organic Chemistry</i> , 2016, 36, 2602.	1.3	3
23	Effect of fluorocarbon (trifluoromethyl groups) substitution on blue electroluminescent properties of 9,9- <i>b</i> -bianthracene derivatives with twisted intramolecular charge-transfer excited states. <i>Dyes and Pigments</i> , 2015, 122, 238-245.	3.7	13
24	A Conjugated Random Copolymer of Benzodithiophene- <i>bis</i> -difluorobenzene- <i>bis</i> -diketopyrrolopyrrole with Full Visible-Light Absorption for Bulk-Heterojunction Solar Cells. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 2119-2124.	2.2	4