

Changfeng Si

List of Publications by Year in descending order

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24
papers

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759233

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citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Organic Longâ€Persistent Luminescence from a Thermally Activated Delayed Fluorescence Compound. <i>Advanced Materials</i> , 2020, 32, e2003911. | 21.0 | 86 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | Functional versatile bipolar 3,3'-dimethyl-9,9'-bianthracene derivatives as an efficient host and deep-blue emitter. <i>Dyes and Pigments</i> , 2018, 148, 329-340. | 3.7 | 25 |
| 8 | Easily available, low-cost 9,9'-bianthracene derivatives as efficient blue hosts and deep-blue emitters in OLEDs. <i>Organic Electronics</i> , 2019, 66, 24-31. | 2.6 | 19 |
| 9 | 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 |
| 10 | 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 |
| 11 | Effect of fluorocarbon (trifluoromethyl groups) substitution on blue electroluminescent properties of 9,9'-bianthracene derivatives with twisted intramolecular charge-transfer excited states. <i>Dyes and Pigments</i> , 2015, 122, 238-245. | 3.7 | 13 |
| 12 | Temperature-dependent device performance of organic photovoltaic cells based on a squaraine dye. <i>Synthetic Metals</i> , 2016, 222, 293-298. | 3.9 | 13 |
| 13 | Efficient blue fluorescent electroluminescence based on a tert -butylated 9,9'-bianthracene derivative with a twisted intramolecular charge-transfer excited state. <i>Synthetic Metals</i> , 2016, 217, 102-108. | 3.9 | 10 |
| 14 | Fluorinated dibenzo[<i>a,h</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 |
| 15 | 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 |
| 16 | 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 |
| 17 | An ambipolar 3,3'-dimethyl-9,9'-bianthracene derivative as a blue host material for high-performance OLEDs. <i>RSC Advances</i> , 2017, 7, 49125-49132. | 3.6 | 6 |
| 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 | A Conjugated Random Copolymer of Benzodithiophene-Difluorobenzene-Diketopyrrolopyrrole with Full Visible-Light Absorption for Bulk-Heterojunction Solar Cells. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 2119-2124. | 2.2 | 4 |
| 20 | 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 |
| 21 | 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 |
| 22 | 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 |
| 23 | Low-energy consumption and high-color-quality white organic light-emitting diodes. , 2017, , . | | 1 |
| 24 | 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 |