

Jie Li

List of Publications by Year in descending order

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2,150
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567281

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#	ARTICLE	IF	CITATIONS
1	Lifting Triplet Energy and Bipolar Characteristics by Limiting the Rotation of the Peripheral Groups in Host Materials to Achieve High Efficiency Blue OLED. <i>Chemistry - an Asian Journal</i> , 2022, 17, e202101298.	3.3	0
2	An AIE-active acridine functionalized spiro[fluorene-9,9'-xanthene] luminophore with mechanoresponsive luminescence for anti-counterfeiting, information encryption and blue OLEDs. <i>Journal of Materials Chemistry C</i> , 2022, 10, 7857-7865.	5.5	10
3	Mechanically Responsive Luminescent Polymers Based on Supramolecular Cyclophane Mechanophores. <i>Journal of the American Chemical Society</i> , 2021, 143, 5519-5525.	13.7	76
4	Deep information-hiding based on cascade thermoresponsive luminescence switching of A ² CD ² A typed carbazole derivatives. <i>Chemical Engineering Journal</i> , 2021, 426, 131293.	12.7	8
5	Triplet collection for highly efficient single-emitting-layer pure fluorescent WOLED based thermally activated delayed fluorescent host of acridine/sulfone derivative. <i>Optical Materials</i> , 2020, 110, 110510.	3.6	3
6	TADF material with non-conjugated rigid donor for high-performance full-color phosphorescent OLEDs: Effects of triplet harvest and charge transport on efficiency. <i>Organic Electronics</i> , 2020, 85, 105826.	2.6	11
7	Acceptor-density engineering of push-pull typed carbazole derivatives for improving luminescent efficiency and mechanoresponsive luminescence. <i>Journal of Luminescence</i> , 2020, 226, 117453.	3.1	5
8	Synthesis and properties of hyperbranched polymers for polymer light emitting devices with sunlight-style white emission. <i>RSC Advances</i> , 2019, 9, 22176-22184.	3.6	7
9	Regulation of dithiafulvene-based molecular shape and aggregation on TiO ₂ for high efficiency dye-sensitized solar cells. <i>Journal of Materials Chemistry C</i> , 2019, 7, 1974-1981.	5.5	15
10	Structural design for highly efficient pure fluorescent warm WOLEDs by employing TADF molecule as blue emitter and exciplex donor. <i>Organic Electronics</i> , 2019, 73, 1-6.	2.6	10
11	Utilizing the heterocyclic effect towards high contrast ratios of mechanoresponsive luminescence based on aromatic aldehydes. <i>Journal of Materials Chemistry C</i> , 2019, 7, 12328-12335.	5.5	8
12	Zigzag Acridine/Sulfone Derivative with Aggregation-Induced Emission and Enhanced Thermally Activated Delayed Fluorescence in Amorphous Phase for Highly Efficient Nondoped Blue Organic Light-Emitting Diodes. <i>Advanced Optical Materials</i> , 2018, 6, 1701256.	7.3	60
13	Solution-Processed Warm White Organic Light-Emitting Diodes Based on a Blue Thermally Activated Delayed Fluorescence Dendrimer. <i>ChemPlusChem</i> , 2018, 83, 274-278.	2.8	21
14	Polyfluorene-based white light conjugated polymers incorporating orange iridium(^{III}) complexes: the effect of steric configuration on their photophysical and electroluminescent properties. <i>RSC Advances</i> , 2018, 8, 1638-1646.	3.6	10
15	1, 3-Indanedione functionalized fluorene luminophores: Negative solvatochromism, nanostructure-morphology determined AIE and mechanoresponsive luminescence turn-on. <i>Dyes and Pigments</i> , 2018, 155, 225-232.	3.7	23
16	Efficient management of excitons in red and white organic light-emitting diodes by employing blue thermally activated delayed fluorescent emitter based acridine/sulfone derivative as the host. <i>Organic Electronics</i> , 2018, 57, 311-316.	2.6	13
17	Non-doped white organic light-emitting diodes with superior efficiency/color stability by employing ultra-thin phosphorescent emitters. <i>Journal of Materials Chemistry C</i> , 2018, 6, 4250-4256.	5.5	15
18	Rational design of slightly twisted coumarin molecules with remarkable solution and solid dual efficient luminescence. <i>Dyes and Pigments</i> , 2018, 149, 73-81.	3.7	25

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19	Metal-free organic luminophores with ultrastrong dipole moment exhibiting force-induced near-infrared emission (>800 nm) turn-on. <i>Chemical Communications</i> , 2018, 54, 11455-11458.	4.1	12
20	Deep-blue thermally activated delayed fluorescence dendrimers with reduced singlet-triplet energy gap for low roll-off non-doped solution-processed organic light-emitting diodes. <i>Dyes and Pigments</i> , 2017, 140, 79-86.	3.7	42
21	Two novel bipolar compounds based on 1, 2, 4-triazol derivatives for non-doped deep-blue and green phosphorescent OLED applications. <i>Dyes and Pigments</i> , 2017, 143, 25-32.	3.7	21
22	Bipolar hosts and non-doped deep-blue emitters (CIE _y = 0.04) based on phenylcarbazole and 2-(2-phenyl-2H-1,2,4-triazol-3-yl)pyridine groups. <i>Journal of Materials Chemistry C</i> , 2017, 5, 4455-4462.	5.5	46
23	Carbazole derivatives with remarkable solvatochromism and mechanoresponsive luminescence turn-on. <i>Journal of Materials Chemistry C</i> , 2017, 5, 6136-6143.	5.5	102
24	Achieving red/near-infrared mechanoresponsive luminescence turn-on: mechanically disturbed metastable nanostructures in organic solids. <i>Chemical Communications</i> , 2017, 53, 1309-1312.	4.1	45
25	Solution-processed small-molecular white organic light-emitting diodes based on a thermally activated delayed fluorescence dendrimer. <i>Journal of Materials Chemistry C</i> , 2017, 5, 10001-10006.	5.5	49
26	A planar dithiafulvene based sensitizer forming J-aggregates on TiO ₂ photoanode to enhance the performance of dye-sensitized solar cells. <i>Dyes and Pigments</i> , 2017, 136, 97-103.	3.7	26
27	An efficient blue thermally activated delayed fluorescence material based on 4-fluorocyanobenzene derivative for organic light-emitting diodes. <i>Tetrahedron Letters</i> , 2016, 57, 2044-2048.	1.4	20
28	Molecular engineering of dithiafulvene organic sensitizers with pyridine acceptor for high efficiency dye-sensitized solar cells. <i>Science China Materials</i> , 2016, 59, 797-806.	6.3	5
29	A novel high-efficiency white hyperbranched polymer derived from polyfluorene with green and red iridium(III) complexes as the cores. <i>Dyes and Pigments</i> , 2016, 130, 191-201.	3.7	8
30	Design, synthesis and properties of triple-color hyperbranched polymers derived from poly(9,9-dioctylfluorene) with phosphorescent core tris(1-phenylisoquinoline)iridium(III). <i>Dyes and Pigments</i> , 2016, 125, 339-347.	3.7	13
31	Fluorene-based hyperbranched copolymers with spiro[3.3]heptane-2,6-dispirofluorene as the conjugation-uninterrupted branching point and their application in WPLEDs. <i>New Journal of Chemistry</i> , 2015, 39, 5977-5983.	2.8	10
32	Hyperbranched fluorene-alt-carbazole copolymers with spiro[3.3]heptane-2,6-dispirofluorene as the core and their application in white polymer light-emitting devices. <i>RSC Advances</i> , 2015, 5, 49662-49670.	3.6	6
33	Synthesis, structure, photophysical and electroluminescent properties of a blue-green self-host phosphorescent iridium(III) complex. <i>Materials Chemistry and Physics</i> , 2015, 162, 392-399.	4.0	9
34	A novel white-light-emitting conjugated polymer derived from polyfluorene with a hyperbranched structure. <i>New Journal of Chemistry</i> , 2015, 39, 5180-5188.	2.8	31
35	Synthesis and properties of hyperbranched fluorescence/phosphorescence hybrid copolymers for white polymer light emitting devices. <i>Tetrahedron</i> , 2015, 71, 8052-8058.	1.9	5
36	One-dimensional self-assembly of phenylacetylene macrocycles: Effect of peripheral substituents. <i>Journal of Colloid and Interface Science</i> , 2013, 395, 99-103.	9.4	10

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37	Design of Efficient Thermally Activated Delayed Fluorescence Materials for Pure Blue Organic Light Emitting Diodes. <i>Journal of the American Chemical Society</i> , 2012, 134, 14706-14709.	13.7	1,370