Jing Dong

List of Publications by Year in descending order

44 papers	1,528 citations	304743 22 h-index	315739 38 g-index
45 all docs	45 docs citations	45 times ranked	1515 citing authors

#	Article	IF	Citations
1	Hydrogen-Bonded Dopant-Free Hole Transport Material Enables Efficient and Stable Inverted Perovskite Solar Cells. CCS Chemistry, 2022, 4, 3084-3094.	7.8	37
2	Efficient Nonâ€Doped Blue Electroâ€fluorescence with Boosted and Balanced Carrier Mobilities. Advanced Functional Materials, 2022, 32, .	14.9	27
3	Room Temperature Phosphorescent (RTP) Thermoplastic Elastomers with Dual and Variable RTP Emission, Photoâ€Patterning Memory Effect, and Dynamic Deformation RTP Response. Advanced Science, 2022, 9, e2103402.	11.2	40
4	High-Efficiency, Non-doped, Pure-Blue Fluorescent Organic Light-Emitting Diodes via Molecular Tuning Regulation of Hot Exciton Excited States. ACS Applied Materials & Interfaces, 2021, 13, 970-980.	8.0	38
5	Manipulating matrix stacking modes for ultralong-duration organic room-temperature phosphorescence in trace isomer doping systems. Journal of Materials Chemistry C, 2021, 9, 8302-8307.	5.5	10
6	Benzo/Naphthodifuranoneâ€Based Polymers: Effect of Perpendicularâ€Extended Main Chain Ï€â€Conjugation on Organic Fieldâ€Effect Transistor Performances. Macromolecular Rapid Communications, 2021, 42, e2000703.	3.9	16
7	Persistent Organic Whiteâ€Emitting Afterglow from Ultralong Thermally Activated Delayed Fluorescence and Roomâ€Temperature Phosphorescence. Advanced Optical Materials, 2021, 9, 2101075.	7.3	20
8	Pure-Blue Fluorescence Molecule for Nondoped Electroluminescence with External Quantum Efficiency Approaching 13%. CCS Chemistry, 2021, 3, 2557-2568.	7.8	31
9	Touch-sensitive yellow organic mechanophosphorescence and a versatile strategy for white organic mechanoluminescence. Materials Chemistry Frontiers, 2021, 5, 5497-5502.	5.9	9
10	Gaining New Insights into Trace Guest Doping Role in Manipulating Organic Crystal Phosphorescence. Journal of Physical Chemistry Letters, 2021, 12, 11616-11621.	4.6	11
11	Ï€-Conjugated oligomers based on aminobenzodifuranone and diketopyrrolopyrrole. Dyes and Pigments, 2020, 181, 108552.	3.7	35
12	Thionation Enhances the Performance of Polymeric Dopantâ€Free Holeâ€Transporting Materials for Perovskite Solar Cells. Advanced Materials Interfaces, 2019, 6, 1901036.	3.7	36
13	Cyanophenylcarbazole isomers exhibiting different UV and visible light excitable room temperature phosphorescence. Journal of Materials Chemistry C, 2019, 7, 9671-9677.	5.5	21
14	Thionating iso-diketopyrrolopyrrole-based polymers: from p-type to ambipolar field effect transistors with enhanced charge mobility. Polymer Chemistry, 2018, 9, 1807-1814.	3.9	39
15	Synthesis and remarkable mechano- and thermo-hypsochromic luminescence of a new type of DPP-based derivative. Journal of Materials Chemistry C, 2018, 6, 1377-1383.	5.5	37
16	Cyclic boron esterification: screening organic room temperature phosphorescent and mechanoluminescent materials. Journal of Materials Chemistry C, 2018, 6, 8733-8737.	5.5	20
17	N-Alkylcarbazoles: homolog manipulating long-lived room-temperature phosphorescence. Journal of Materials Chemistry C, 2018, 6, 8984-8989.	5.5	23
18	1,4-Diketo-pyrrolo[3,4-c]pyrroles (DPPs) based insoluble polymer films with lactam hydrogens as renewable fluoride anion chemosensor. Polymer, 2018, 149, 266-272.	3.8	23

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19	Naphthodipyrrolidone (NDP) based conjugated polymers with high electron mobility and ambipolar transport properties. Polymer Chemistry, 2017, 8, 3255-3260.	3.9	21
20	Unusual mechanohypsochromic luminescence and unique bidirectional thermofluorochromism of long-alkylated simple DPP dyes. Journal of Materials Chemistry C, 2017, 5, 5994-5998.	5.5	38
21	Phenothiazin-N-yl-capped 1,4-diketo-3,6-diphenylpyrrolo[3,4-c]pyrrole exhibiting strong two-photon absorption and aggregation-enhanced one- and two-photon excitation red fluorescence. RSC Advances, 2017, 7, 30610-30617.	3.6	8
22	Tuning light-emitting properties of N-phenylcarbazole-capped anthrylvinyl derivatives by symmetric and isomeric effects. Journal of Luminescence, 2017, 183, 410-417.	3.1	7
23	A pair of conjoined donorâ€“acceptor butterflies as promising solution-processable aggregation-enhanced emission FR/NIR EL emitters. Journal of Materials Chemistry C, 2017, 5, 11700-11707.	5.5	10
24	Highly Efficient Nondoped Nearâ€Ultraviolet Electroluminescence with an External Quantum Efficiency Greater Than 6.5% Based on a Carbazoleâ€“Triazole Hybrid Molecule with High and Balanced Charge Mobility. Advanced Optical Materials, 2017, 5, 1700747.	7.3	65
25	AIE-active 9,10-bis(alkylarylvinyl)anthracences with pendent diethoxylphosphorylmethyl groups as solution-processable efficient EL luminophores. Journal of Materials Chemistry C, 2017, 5, 9157-9164.	5.5	8
26	Improving the electroluminescence performance of donorâ€“acceptor molecules by fine-tuning the torsion angle and distance between donor and acceptor moieties. Journal of Materials Chemistry C, 2016, 4, 5988-5995.	5.5	22
27	9-Anthryl-capped DPP-based dyes: aryl spacing induced differential optical properties. Journal of Materials Chemistry C, 2016, 4, 8006-8013.	5.5	20
28	Improved colorimetric dual-emission and endued piezofluorochromism by inserting a phenyl between 9-anthryl and terpyridine. Dyes and Pigments, 2016, 128, 124-130.	3.7	7
29	Alkyl length effects on solid-state fluorescence and mechanochromic behavior of small organic luminophores. Journal of Materials Chemistry C, 2016, 4, 1568-1578.	5.5	242
30	9,10-Bis(N-methylcarbazol-3-yl-vinyl-2)anthracene: High contrast piezofluoro-chromism and remarkably doping-improved electroluminescence performance. Dyes and Pigments, 2016, 125, 8-14.	3.7	14
31	Aggregation-enhanced emission and piezochromic luminescence of 9,10-bis(p-dibutylaminostyryl)-2,6-bis(p-t-butylstyryl)anthracene. Journal of Luminescence, 2014, 148, 55-59.	3.1	13
32	Poly(1,4-diketo-3,6-diphenylpyrrolo[3,4-c]pyrrole-altâ^'3,6-carbazole/2,7-fluorene) as high-performance two-photon dyes. Journal of Polymer Science Part A, 2014, 52, 944-951.	2.3	10
33	2,6,9,10-Tetra(p-dibutylaminostyryl)anthracene as a multifunctional fluorescent cruciform dye. Journal of Materials Chemistry C, 2014, 2, 9028-9034.	5.5	37
34	Synthesis and characterization of 1,3,4,6-tetraarylpyrrolo[3,2-b]-pyrrole-2,5-dione (isoDPP)-based donorâ€“acceptor polymers with low band gap. Polymer Chemistry, 2013, 4, 4682.	3.9	27
35	Dibutylaminophenyl- and/or Pyridinyl-Capped 2,6,9,10-Tetravinylanthracene Cruciforms: Synthesis and Aggregation-Enhanced One- and Two-Photon Excited Fluorescence. Journal of Physical Chemistry C, 2013, 117, 8404-8410.	3.1	28
36	Reversible piezochromic luminescence of 9,10-bis[(N-alkylcarbazol-3-yl)vinyl]anthracenes and the dependence on N-alkyl chain length. Journal of Materials Chemistry C, 2013, 1, 856-862.	5.5	139

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37	N-Monoalkylated 1,4-diketo-3,6-diphenylpyrrolo[3,4-c]pyrroles as effective one- and two-photon fluorescence chemosensors for fluoride anions. Journal of Materials Chemistry A, 2013, 1, 5172.	10.3	68
38	Solid-state fluorescence properties and reversible piezochromic luminescence of aggregation-induced emission-active 9,10-bis[(9,9-dialkylfluorene-2-yl)vinyl]anthracenes. Journal of Materials Chemistry C, 2013, 1, 2028.	5.5	154
39	Chain length-dependent piezofluorochromic behavior of 9,10-bis(p-alkoxystyryl)anthracenes. Journal of Luminescence, 2013, 143, 50-55.	3.1	45
40	Synthesis and enhanced two-photon absorption properties of tetradonor-containing anthracene-centered 2-D cross-conjugated polymers. Journal of Materials Chemistry, 2011, 21, 3916.	6.7	23
41	Synthesis, characterization, and large twoâ€photon absorption crossâ€sections of solid redâ€emitting 1,4â€diketoâ€3,6â€diphenylpyrrolo [3,4â€c]pyrrole/3,6â€carbazole/terfluorene copolymers. Journal of Polymer Science Part A, 2011, 49, 3048-3057.	2.3	22
42	Synthesis, oneâ€and twoâ€photon properties of poly[9,10â€bis(3,4â€bis(2â€ethylhexylâ€oxy)phenyl)â€2,6â€anthracenevinyleneâ€altâ€Nâ€octylâ€3,6â€/2,7â€carbazolevinylen Journal of Polymer Science Part A, 2010, 48, 463-470.	2.3	21
43	Synthesis and Electrooptic Properties of Poly(2,6â€anthracenevinylene)s. Macromolecular Rapid Communications, 2008, 29, 1415-1420.	3.9	11
44	From Transistors to Phototransistors by Tailoring the Polymer Stacking. Advanced Electronic Materials, 0, , 2200019.	5.1	5