

Jing Dong

List of Publications by Year in descending order

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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	Alkyl length effects on solid-state fluorescence and mechanochromic behavior of small organic luminophores. <i>Journal of Materials Chemistry C</i> , 2016, 4, 1568-1578.	5.5	242
2	Solid-state fluorescence properties and reversible piezochromic luminescence of aggregation-induced emission-active 9,10-bis[(9,9-dialkylfluorene-2-yl)vinyl]anthracenes. <i>Journal of Materials Chemistry C</i> , 2013, 1, 2028.	5.5	154
3	Reversible piezochromic luminescence of 9,10-bis[(N-alkylcarbazol-3-yl)vinyl]anthracenes and the dependence on N-alkyl chain length. <i>Journal of Materials Chemistry C</i> , 2013, 1, 856-862.	5.5	139
4	N-Monoalkylated 1,4-diketo-3,6-diphenylpyrrolo[3,4-c]pyrroles as effective one- and two-photon fluorescence chemosensors for fluoride anions. <i>Journal of Materials Chemistry A</i> , 2013, 1, 5172.	10.3	68
5	Highly Efficient Nondoped Near-Ultraviolet Electroluminescence with an External Quantum Efficiency Greater Than 6.5% Based on a Carbazole-Triazole Hybrid Molecule with High and Balanced Charge Mobility. <i>Advanced Optical Materials</i> , 2017, 5, 1700747.	7.3	65
6	Chain length-dependent piezofluorochromic behavior of 9,10-bis(p-alkoxystyryl)anthracenes. <i>Journal of Luminescence</i> , 2013, 143, 50-55.	3.1	45
7	Room Temperature Phosphorescent (RTP) Thermoplastic Elastomers with Dual and Variable RTP Emission, Photo-Patterning Memory Effect, and Dynamic Deformation RTP Response. <i>Advanced Science</i> , 2022, 9, e2103402.	11.2	40
8	Thionating iso-diketopyrrolopyrrole-based polymers: from p-type to ambipolar field effect transistors with enhanced charge mobility. <i>Polymer Chemistry</i> , 2018, 9, 1807-1814.	3.9	39
9	Unusual mechanohypsochromic luminescence and unique bidirectional thermofluorochromism of long-alkylated simple DPP dyes. <i>Journal of Materials Chemistry C</i> , 2017, 5, 5994-5998.	5.5	38
10	High-Efficiency, Non-doped, Pure-Blue Fluorescent Organic Light-Emitting Diodes via Molecular Tuning Regulation of Hot Exciton Excited States. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 970-980.	8.0	38
11	2,6,9,10-Tetra(p-dibutylaminostyryl)anthracene as a multifunctional fluorescent cruciform dye. <i>Journal of Materials Chemistry C</i> , 2014, 2, 9028-9034.	5.5	37
12	Synthesis and remarkable mechano- and thermo-hypsochromic luminescence of a new type of DPP-based derivative. <i>Journal of Materials Chemistry C</i> , 2018, 6, 1377-1383.	5.5	37
13	Hydrogen-Bonded Dopant-Free Hole Transport Material Enables Efficient and Stable Inverted Perovskite Solar Cells. <i>CCS Chemistry</i> , 2022, 4, 3084-3094.	7.8	37
14	Thionation Enhances the Performance of Polymeric Dopant-Free Hole-Transporting Materials for Perovskite Solar Cells. <i>Advanced Materials Interfaces</i> , 2019, 6, 1901036.	3.7	36
15	Ï-Conjugated oligomers based on aminobenzodifuranone and diketopyrrolopyrrole. <i>Dyes and Pigments</i> , 2020, 181, 108552.	3.7	35
16	Pure-Blue Fluorescence Molecule for Nondoped Electroluminescence with External Quantum Efficiency Approaching 13%. <i>CCS Chemistry</i> , 2021, 3, 2557-2568.	7.8	31
17	Dibutylaminophenyl- and/or Pyridinyl-Capped 2,6,9,10-Tetravinylanthracene Cruciforms: Synthesis and Aggregation-Enhanced One- and Two-Photon Excited Fluorescence. <i>Journal of Physical Chemistry C</i> , 2013, 117, 8404-8410.	3.1	28
18	Synthesis and characterization of 1,3,4,6-tetraarylpyrrolo[3,2-b]-pyrrole-2,5-dione (isoDPP)-based donor-acceptor polymers with low band gap. <i>Polymer Chemistry</i> , 2013, 4, 4682.	3.9	27

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19	Efficient Non-Doped Blue Electrofluorescence with Boosted and Balanced Carrier Mobilities. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	27
20	Synthesis and enhanced two-photon absorption properties of tetradonor-containing anthracene-centered 2-D cross-conjugated polymers. <i>Journal of Materials Chemistry</i> , 2011, 21, 3916.	6.7	23
21	<i>N</i> -Alkylcarbazoles: homolog manipulating long-lived room-temperature phosphorescence. <i>Journal of Materials Chemistry C</i> , 2018, 6, 8984-8989.	5.5	23
22	1,4-Diketo-pyrrolo[3,4-c]pyrroles (DPPs) based insoluble polymer films with lactam hydrogens as renewable fluoride anion chemosensor. <i>Polymer</i> , 2018, 149, 266-272.	3.8	23
23	Synthesis, characterization, and large two-photon absorption cross-sections of solid red-emitting 1,4-diketo-3,6-diphenylpyrrolo [3,4- <i>c</i>]pyrrole/3,6-carbazole/terfluorene copolymers. <i>Journal of Polymer Science Part A</i> , 2011, 49, 3048-3057.	2.3	22
24	Improving the electroluminescence performance of donor-acceptor molecules by fine-tuning the torsion angle and distance between donor and acceptor moieties. <i>Journal of Materials Chemistry C</i> , 2016, 4, 5988-5995.	5.5	22
25	Naphthodipyrrolidone (NDP) based conjugated polymers with high electron mobility and ambipolar transport properties. <i>Polymer Chemistry</i> , 2017, 8, 3255-3260.	3.9	21
26	Cyanophenylcarbazole isomers exhibiting different UV and visible light excitable room temperature phosphorescence. <i>Journal of Materials Chemistry C</i> , 2019, 7, 9671-9677.	5.5	21
27	9-Anthryl-capped DPP-based dyes: aryl spacing induced differential optical properties. <i>Journal of Materials Chemistry C</i> , 2016, 4, 8006-8013.	5.5	20
28	Cyclic boron esterification: screening organic room temperature phosphorescent and mechanoluminescent materials. <i>Journal of Materials Chemistry C</i> , 2018, 6, 8733-8737.	5.5	20
29	Persistent Organic White-Emitting Afterglow from Ultralong Thermally Activated Delayed Fluorescence and Room-Temperature Phosphorescence. <i>Advanced Optical Materials</i> , 2021, 9, 2101075.	7.3	20
30	Benzo/Naphthodifuranone-Based Polymers: Effect of Perpendicular-Extended Main Chain Conjugation on Organic Field-Effect Transistor Performances. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2000703.	3.9	16
31	9,10-Bis(N-methylcarbazol-3-yl-vinyl-2)anthracene: High contrast piezofluoro-chromism and remarkably doping-improved electroluminescence performance. <i>Dyes and Pigments</i> , 2016, 125, 8-14.	3.7	14
32	Aggregation-enhanced emission and piezochromic luminescence of 9,10-bis(p-dibutylaminostyryl)-2,6-bis(p-t-butylstyryl)anthracene. <i>Journal of Luminescence</i> , 2014, 148, 55-59.	3.1	13
33	Synthesis and Electrooptic Properties of Poly(2,6-anthracenevinylene)s. <i>Macromolecular Rapid Communications</i> , 2008, 29, 1415-1420.	3.9	11
34	Synthesis, one- and two-photon properties of poly[9,10-bis(3,4-bis(2-ethylhexyloxy)phenyl)-2,6-anthracenevinylene- <i>alt</i> -N-octyl-3,6-diphenylcarbazolevinylene]. <i>Journal of Polymer Science Part A</i> , 2010, 48, 463-470.	2.3	10
35	Gaining New Insights into Trace Guest Doping Role in Manipulating Organic Crystal Phosphorescence. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 11616-11621.	4.6	11
36	Poly(1,4-diketo-3,6-diphenylpyrrolo[3,4- <i>c</i>]pyrrole- <i>alt</i> -3,6-carbazole/2,7-fluorene) as high-performance two-photon dyes. <i>Journal of Polymer Science Part A</i> , 2014, 52, 944-951.	2.3	10

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37	A pair of conjoined donor-acceptor butterflies as promising solution-processable aggregation-enhanced emission FR/NIR EL emitters. <i>Journal of Materials Chemistry C</i> , 2017, 5, 11700-11707.	5.5	10
38	Manipulating matrix stacking modes for ultralong-duration organic room-temperature phosphorescence in trace isomer doping systems. <i>Journal of Materials Chemistry C</i> , 2021, 9, 8302-8307.	5.5	10
39	Touch-sensitive yellow organic mechanophosphorescence and a versatile strategy for white organic mechanoluminescence. <i>Materials Chemistry Frontiers</i> , 2021, 5, 5497-5502.	5.9	9
40	Phenothiazin-N-yl-capped 1,4-diketo-3,6-diphenylpyrro[3,4-c]pyrrole exhibiting strong two-photon absorption and aggregation-enhanced one- and two-photon excitation red fluorescence. <i>RSC Advances</i> , 2017, 7, 30610-30617.	3.6	8
41	AIE-active 9,10-bis(alkylarylvinyl)anthracenes with pendent diethoxyphosphorylmethyl groups as solution-processable efficient EL luminophores. <i>Journal of Materials Chemistry C</i> , 2017, 5, 9157-9164.	5.5	8
42	Improved colorimetric dual-emission and endued piezofluorochromism by inserting a phenyl between 9-anthryl and terpyridine. <i>Dyes and Pigments</i> , 2016, 128, 124-130.	3.7	7
43	Tuning light-emitting properties of N-phenylcarbazole-capped anthrylvinyl derivatives by symmetric and isomeric effects. <i>Journal of Luminescence</i> , 2017, 183, 410-417.	3.1	7
44	From Transistors to Phototransistors by Tailoring the Polymer Stacking. <i>Advanced Electronic Materials</i> , 0, , 2200019.	5.1	5