Qianqian Li

List of Publications by Year
in descending order

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388	28,250	3334 91	8396 147
papers	citations	h-index	g-index

391	391	391	15314
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The influence of the molecular packing on the room temperature phosphorescence of purely organic luminogens. Nature Communications, 2018, 9, 840.	12.8	764
2	Molecular Packing: Another Key Point for the Performance of Organic and Polymeric Optoelectronic Materials. Accounts of Chemical Research, 2020, 53, 962-973.	15.6	545
3	Fluorescent â€œlight-upâ€•bioprobes based on tetraphenylethylene derivatives with aggregation-induced emission characteristics. Chemical Communications, 2006, , 3705-3707.	4.1	497
4	Aggregation-induced emissions of tetraphenylethene derivatives and their utilities as chemical vapor sensors and in organic light-emitting diodes. Applied Physics Letters, 2007, 91, .	3.3	479
5	Molecular conformation and packing: their critical roles in the emission performance of mechanochromic fluorescence materials. Materials Chemistry Frontiers, 2017, 1, 2174-2194.	5.9	477
6	The Strong Lightâ€Emission Materials in the Aggregated State: What Happens from a Single Molecule to the Collective Group. Advanced Science, 2017, 4, 1600484.	11.2	472
7	Switching the light emission of (4-biphenylyl)phenyldibenzofulvene by morphological modulation: crystallization-induced emission enhancement. Chemical Communications, 2007, , 40-42.	4.1	384
8	Fluorescence enhancements of benzene-cored luminophors by restricted intramolecular rotations: AIE and AIEE effects. Chemical Communications, 2007, , 70-72.	4.1	381
9	How the Molecular Packing Affects the Room Temperature Phosphorescence in Pure Organic Compounds: Ingenious Molecular Design, Detailed Crystal Analysis, and Rational Theoretical Calculations. Advanced Materials, 2017, 29, 1606829.	21.0	351
10	Structural Control of the Photoluminescence of Silole Regioisomers and Their Utility as Sensitive Regiodiscriminating Chemosensors and Efficient Electroluminescent Materials. Journal of Physical Chemistry B, 2005, 109, 10061-10066.	2.6	349
11	Functional hyperbranched polymers with advanced optical, electrical and magnetic properties. Chemical Society Reviews, 2015, 44, 3997-4022.	38.1	329
12	Functionalized Siloles: Versatile Synthesis, Aggregationâ€Induced Emission, and Sensory and Device Applications. Advanced Functional Materials, 2009, 19, 905-917.	14.9	311
13	Protein Detection and Quantitation by Tetraphenylethene-Based Fluorescent Probes with Aggregation-Induced Emission Characteristics. Journal of Physical Chemistry B, 2007, 111, 11817-11823.	2.6	309
14	An imidazole-functionalized polyacetylene: convenient synthesis and selective chemosensor for metal ions and cyanide. Chemical Communications, 2008, , 1094.	4.1	289
15	Organic luminescent materials: The concentration on aggregates from aggregationâ€induced emission. Aggregate, 2020, 1, 6-18.	9.9	288
16	Similar or Totally Different: The Control of Conjugation Degree through Minor Structural Modifications, and Deepâ€Blue Aggregationâ€Induced Emission Luminogens for Nonâ€Doped OLEDs. Advanced Functional Materials, 2013, 23, 2329-2337.	14.9	270
17	Aggregation-induced emission: a coming-of-age ceremony at the age of eighteen. Science China Chemistry, 2019, 62, 1090-1098.	8.2	269
18	Roomâ€Temperature Phosphorescence Resonance Energy Transfer for Construction of Nearâ€Infrared Afterglow Imaging Agents. Advanced Materials, 2020, 32, e2006752.	21.0	265

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19	Labelâ€Free Fluorescent Probing of Gâ€Quadruplex Formation and Realâ€Time Monitoring of DNA Folding by a Quaternized Tetraphenylethene Salt with Aggregationâ€Induced Emission Characteristics. Chemistry - A European Journal, 2008, 14, 6428-6437.	3.3	264
20	Modulation of Defects and Interfaces through Alkylammonium Interlayer for Efficient Inverted Perovskite Solar Cells. Joule, 2020, 4, 1248-1262.	24.0	260
21	2D metalâ€“organic framework for stable perovskite solar cells with minimized lead leakage. Nature Nanotechnology, 2020, 15, 934-940.	31.5	258
22	Aggregation-induced and crystallization-enhanced emissions of 1,2-diphenyl-3,4-bis(diphenylmethylene)-1-cyclobutene. Chemical Communications, 2007, , 3255.	4.1	257
23	An indirect approach for anion detection: the displacement strategy and its application. Chemical Communications, 2012, 48, 8462.	4.1	253
24	AIEgen with Fluorescenceâ€“Phosphorescence Dual Mechanoluminescence at Room Temperature. Angewandte Chemie - International Edition, 2017, 56, 880-884.	13.8	250
25	High Performance of Simple Organic Phosphorescence Hostâ€“Guest Materials and their Application in Timeâ€Resolved Bioimaging. Advanced Materials, 2021, 33, e2007811.	21.0	242
26	A â€œturn-onâ€•fluorescent probe for hypochlorous acid: convenient synthesis, good sensing performance, and a new design strategy by the removal of Cî€N isomerization. Chemical Communications, 2011, 47, 11978.	4.1	229
27	A stable tetraphenylethene derivative: aggregation-induced emission, different crystalline polymorphs, and totally different mechanoluminescence properties. Materials Horizons, 2016, 3, 220-225.	12.2	228
28	FÃ¶rster Resonance Energy Transfer: An Efficient Way to Develop Stimulus-Responsive Room-Temperature Phosphorescence Materials and Their Applications. Matter, 2020, 3, 449-463.	10.0	218
29	Triboluminescence: Recalling Interest and New Aspects. CheM, 2018, 4, 943-971.	11.7	216
30	Ultralong UV/mechano-excited room temperature phosphorescence from purely organic cluster excitons. Nature Communications, 2019, 10, 5161.	12.8	216
31	Elucidating the Excited State of Mechanoluminescence in Organic Luminogens with Roomâ€Temperature Phosphorescence. Angewandte Chemie - International Edition, 2017, 56, 15299-15303.	13.8	215
32	Blue AIEgens: approaches to control the intramolecular conjugation and the optimized performance of OLED devices. Journal of Materials Chemistry C, 2016, 4, 2663-2684.	5.5	214
33	Fluorescence of Nonaromatic Organic Systems and Room Temperature Phosphorescence of Organic Luminogens: The Intrinsic Principle and Recent Progress. Small, 2018, 14, e1801560.	10.0	204
34	Visible/Near-Infrared-Light-Induced H₂ Production over g-C₃N₄ Co-sensitized by Organic Dye and Zinc Phthalocyanine Derivative. ACS Catalysis, 2015, 5, 504-510.	11.2	203
35	Completely aqueous processable stimulus responsive organic room temperature phosphorescence materials with tunable afterglow color. Nature Communications, 2022, 13, 347.	12.8	199
36	Molecular Engineering of Mechanochromic Materials by Programmed Câ€“H Arylation: Making a Counterpoint in the Chromism Trend. Journal of the American Chemical Society, 2016, 138, 12803-12812.	13.7	195

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37	An Imidazole-Functionalized Polyfluorene Derivative as Sensitive Fluorescent Probe for Metal Ions and Cyanide. Macromolecules, 2008, 41, 7433-7439.	4.8	184
38	Abnormal room temperature phosphorescence of purely organic boron-containing compounds: the relationship between the emissive behaviorand the molecular packing, and the potential related applications. Chemical Science, 2017, 8, 8336-8344.	7.4	176
39	Molecular Conformationâ€Dependent Mechanoluminescence: Same Mechanical Stimulus but Different Emissive Color over Time. Angewandte Chemie - International Edition, 2018, 57, 14174-14178.	13.8	170
40	New Carbazole-Based Fluorophores: Synthesis, Characterization, and Aggregation-Induced Emission Enhancement. Journal of Physical Chemistry B, 2009, 113, 434-441.	2.6	168
41	Three polymorphs of one luminogen: how the molecular packing affects the RTP and AIE properties?. Journal of Materials Chemistry C, 2017, 5, 9242-9246.	5.5	164
42	New tetraphenylethene-based efficient blue luminophors: aggregation induced emission and partially controllable emitting color. Journal of Materials Chemistry, 2012, 22, 2478-2484.	6.7	162
43	Reaction-Based Colorimetric Cyanide Chemosensors: Rapid Naked-Eye Detection and High Selectivity. ACS Applied Materials & Interfaces, 2012, 4, 2133-2138.	8.0	156
44	Some new design strategies for second-order nonlinear optical polymers and dendrimers. Polymer Chemistry, 2011, 2, 2723.	3.9	154
45	New Fluorescent and Colorimetric Probe for Cyanide: Direct Reactivity, High Selectivity, and Bioimaging Application. ACS Applied Materials & Interfaces, 2012, 4, 4387-4392.	8.0	151
46	Structural Control of the Side-Chain Chromophores To Achieve Highly Efficient Nonlinear Optical Polyurethanes. Macromolecules, 2006, 39, 6951-6961.	4.8	148
47	Convenient Attachment of Highly Polar Azo Chromophore Moieties to Disubstituted Polyacetylene through Polymer Reactions by Using â€œClickâ€•Chemistry. Macromolecules, 2007, 40, 5634-5637.	4.8	146
48	From ACQ to AIE: the suppression of the strong Ï€â€“Ï€ interaction of naphthalene diimide derivatives through the adjustment of their flexible chains. Chemical Communications, 2016, 52, 11496-11499.	4.1	145
49	Stimulus-responsive room temperature phosphorescence materials with full-color tunability from pure organic amorphous polymers. Science Advances, 2022, 8, eabl8392.	10.3	143
50	Highâ€Generation Secondâ€Order Nonlinear Optical (NLO) Dendrimers: Convenient Synthesis by Click Chemistry and the Increasing Trend of NLO Effects. Angewandte Chemie - International Edition, 2010, 49, 2763-2767.	13.8	139
51	A graphene oxide-based AIE biosensor with high selectivity toward bovine serum albumin. Chemical Communications, 2011, 47, 12385.	4.1	139
52	Unexpected room-temperature phosphorescence from a non-aromatic, low molecular weight, pure organic molecule through the intermolecular hydrogen bond. Materials Chemistry Frontiers, 2018, 2, 2124-2129.	5.9	138
53	Blue Aggregationâ€Induced Emission Luminogens: High External Quantum Efficiencies Up to 3.99% in LED Device, and Restriction of the Conjugation Length through Rational Molecular Design. Advanced Functional Materials, 2014, 24, 7645-7654.	14.9	137
54	Novel Functional Conjugative Hyperbranched Polymers with Aggregationâ€Induced Emission: Synthesis Through Oneâ€Pot â€œA₂+B₄â€•Polymerization and Application as Explosive Chemsensors and PLEDs. Macromolecular Rapid Communications, 2012, 33, 164-171.	3.9	135

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55	Blue pyrene-based AIEgens: inhibited intermolecular Ï€â€“Ï€ stacking through the introduction of substituents with controllable intramolecular conjugation, and high external quantum efficiencies up to 3.46% in non-doped OLEDs. Materials Chemistry Frontiers, 2017, 1, 91-99.	5.9	135
56	A New Approach to Design Ratiometric Fluorescent Probe for Mercury(II) Based on the Hg²⁺-Promoted Deprotection of Thioacetals. ACS Applied Materials & Interfaces, 2010, 2, 1066-1072.	8.0	134
57	Enhanced Hole Transportation for Inverted Tinâ€Based Perovskite Solar Cells with High Performance and Stability. Advanced Functional Materials, 2019, 29, 1808059.	14.9	133
58	Heartbeat-Sensing Mechanoluminescent Device Based on a Quantitative Relationship between Pressure and Emissive Intensity. Matter, 2020, 2, 181-193.	10.0	133
59	A conjugated hyperbranched polymer constructed from carbazole and tetraphenylethylene moieties: convenient synthesis through one-pot â€œA2 + B4â€•Suzuki polymerization, aggregation-induced enhanced emission, and application as explosive chemosensors and PLEDs. Journal of Materials Chemistry, 2012, 22, 6374.	6.7	132
60	Stimulus-Responsive Room Temperature Phosphorescence Materials: Internal Mechanism, Design Strategy, and Potential Application. Accounts of Materials Research, 2021, 2, 644-654.	11.7	131
61	Selective dissolution of halide perovskites as a step towards recycling solar cells. Nature Communications, 2016, 7, 11735.	12.8	129
62	Largely blue-shifted emission through minor structural modifications: molecular design, synthesis, aggregation-induced emission and deep-blue OLED application. Chemical Communications, 2014, 50, 2136.	4.1	125
63	The Influence of Molecular Packing on the Emissive Behavior of Pyrene Derivatives: Mechanoluminescence and Mechanochromism. Advanced Optical Materials, 2018, 6, 1800198.	7.3	125
64	Multistage Stimulusâ€Responsive Room Temperature Phosphorescence Based on Hostâ€“Guest Doping Systems. Angewandte Chemie - International Edition, 2021, 60, 20259-20263.	13.8	125
65	A highly specific rhodamine-based colorimetric probe for hypochlorites: a new sensing strategy and real application in tap water. Chemical Communications, 2011, 47, 3189.	4.1	123
66	Construction of efficient blue AIE emitters with triphenylamine and TPE moieties for non-doped OLEDs. Journal of Materials Chemistry C, 2014, 2, 2028.	5.5	122
67	Dopantâ€Free Squaraineâ€Based Polymeric Holeâ€Transporting Materials with Comprehensive Passivation Effects for Efficient Allâ€Inorganic Perovskite Solar Cells. Angewandte Chemie - International Edition, 2019, 58, 17724-17730.	13.8	118
68	Advanced functional polymer materials. Materials Chemistry Frontiers, 2020, 4, 1803-1915.	5.9	117
69	Mechanoluminescence or Roomâ€Temperature Phosphorescence: Molecular Packingâ€Dependent Emission Response. Angewandte Chemie - International Edition, 2019, 58, 17297-17302.	13.8	116
70	Convenient preparation of CsSnI₃ quantum dots, excellent stability, and the highest performance of lead-free inorganic perovskite solar cells so far. Journal of Materials Chemistry A, 2019, 7, 7683-7690.	10.3	116
71	New Azo-Chromophore-Containing Hyperbranched Polytriazoles Derived from AB₂ Monomers via Click Chemistry under Copper(I) Catalysis. Macromolecules, 2009, 42, 1589-1596.	4.8	115
72	Benzene-cored fluorophors with TPE peripheries: facile synthesis, crystallization-induced blue-shifted emission, and efficient blue luminogens for non-doped OLEDs. Journal of Materials Chemistry, 2012, 22, 12001.	6.7	114

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73	â€œTurn-Onâ€•Fluorescent Probe for Mercury(II): High Selectivity and Sensitivity and New Design Approach by the Adjustment of the Ï€-Bridge. ACS Applied Materials & Interfaces, 2015, 7, 11369-11376.	8.0	113
74	Hostâ€“guest materials with room temperature phosphorescence: Tunable emission color and thermal printing patterns. SmartMat, 2020, 1, e1006.	10.7	112
75	Facile Synthesis, Large Optical Nonlinearity, and Excellent Thermal Stability of Hyperbranched Poly(aryleneethynylene)s Containing Azobenzene Chromophores. Macromolecules, 2006, 39, 1436-1442.	4.8	111
76	A New â€œTurn-onâ€•Naphthalenedimide-Based Chemosensor for Mercury Ions with High Selectivity: Successful Utilization of the Mechanism of Twisted Intramolecular Charge Transfer, Near-IR Fluorescence, and Cell Images. Organic Letters, 2012, 14, 2094-2097.	4.6	111
77	Bromineâ€Substituted Fluorene: Molecular Structure, Brâ€“Br Interactions, Roomâ€Temperature Phosphorescence, and Tricolor Triboluminescence. Angewandte Chemie - International Edition, 2018, 57, 16821-16826.	13.8	111
78	Enzyme-Responsive Bioprobes Based on the Mechanism of Aggregation-Induced Emission. ACS Applied Materials & Interfaces, 2018, 10, 12278-12294.	8.0	109
79	9,9â€Dimethylxanthene Derivatives with Roomâ€Temperature Phosphorescence: Substituent Effects and Emissive Properties. Angewandte Chemie - International Edition, 2020, 59, 9946-9951.	13.8	109
80	Azobenzeneâ€Based Colorimetric Chemosensors for Rapid Nakedâ€Eye Detection of Mercury(II). Chemistry - A European Journal, 2011, 17, 7276-7281.	3.3	108
81	Vapochromism of Hexaphenylsilole. Journal of Inorganic and Organometallic Polymers and Materials, 2005, 15, 287-291.	3.7	107
82	A New Disubstituted Polyacetylene Bearing Pyridine Moieties: Convenient Synthesis and Sensitive Chemosensor toward Sulfide Anion with High Selectivity. Macromolecules, 2011, 44, 5186-5193.	4.8	107
83	Suppressing photo-oxidation of non-fullerene acceptors and their blends in organic solar cells by exploring material design and employing friendly stabilizers. Journal of Materials Chemistry A, 2019, 7, 25088-25101.	10.3	107
84	Efficient Inverted Perovskite Solar Cells with Low Voltage Loss Achieved by a Pyridineâ€Based Dopantâ€Free Polymer Semiconductor. Angewandte Chemie - International Edition, 2021, 60, 7227-7233.	13.8	107
85	New design strategies for second-order nonlinear optical polymers and dendrimers. Polymer, 2013, 54, 4351-4382.	3.8	106
86	Tunable Aggregation-Induced Emission Nanoparticles by Varying Isolation Groups in Perylene Diimide Derivatives and Application in Three-Photon Fluorescence Bioimaging. ACS Nano, 2018, 12, 9532-9540.	14.6	106
87	Recent Advances in Purely Organic Room Temperature Phosphorescence Polymer. Chinese Journal of Polymer Science (English Edition), 2019, 37, 383-393.	3.8	105
88	Triphenylamine derivatives: different molecular packing and the corresponding mechanoluminescent or mechanochromism property. Journal of Materials Chemistry C, 2017, 5, 9879-9885.	5.5	103
89	Pyrene fused perylene diimides: synthesis, characterization and applications in organic field-effect transistors and optical limiting with high performance. Chemical Communications, 2015, 51, 7156-7159.	4.1	101
90	A New Postfunctional Approach To Prepare Second-Order Nonlinear Optical Polyphophazenes Containing Sulfonyl-Based Chromophore. Macromolecules, 2004, 37, 371-376.	4.8	100

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91	Stimulusâ€responsive room temperature phosphorescence in purely organic luminogens. InformaÄnÃ-MateriÃ¡ly, 2020, 2, 791-806.	17.3	100
92	Forceâ€Induced Turnâ€On Persistent Roomâ€Temperature Phosphorescence in Purely Organic Luminogen. Angewandte Chemie - International Edition, 2021, 60, 12335-12340.	13.8	98
93	Vertical Orientated Dionâ€“Jacobson Quasiâ€2D Perovskite Film with Improved Photovoltaic Performance and Stability. Small Methods, 2020, 4, 1900831.	8.6	96
94	Persistent organic room temperature phosphorescence: what is the role of molecular dimers?. Chemical Science, 2020, 11, 833-838.	7.4	94
95	pH-sensitive nanoparticles of poly(l-histidine)â€“poly(lactide-co-glycolide)â€“tocopheryl polyethylene glycol succinate for anti-tumor drug delivery. Acta Biomaterialia, 2015, 11, 137-150.	8.3	93
96	Polyphophazene Containing Indole-Based Dual Chromophores:Â Synthesis and Nonlinear Optical Characterization. Macromolecules, 2002, 35, 9232-9235.	4.8	90
97	AIEgen with Fluorescenceâ€“Phosphorescence Dual Mechanoluminescence at Room Temperature. Angewandte Chemie, 2017, 129, 898-902.	2.0	90
98	The development of mechanoluminescence from organic compounds: breakthrough and deep insight. Materials Chemistry Frontiers, 2020, 4, 317-331.	5.9	90
99	New tetraphenylethylene-containing conjugated polymers: Facile synthesis, aggregation-induced emission enhanced characteristics and application as explosive chemsensors and PLEDs. Polymer, 2012, 53, 3163-3171.	3.8	89
100	Polyphenylbenzene as a Platform for Deep-Blue OLEDs: Aggregation Enhanced Emission and High External Quantum Efficiency of 3.98%. Chemistry of Materials, 2015, 27, 1847-1854.	6.7	88
101	Aggregationâ€induced emission: Red and nearâ€infrared organic lightâ€emitting diodes. SmartMat, 2021, 2, 326-346.	10.7	88
102	From Controllable Attached Isolation Moieties to Possibly Highly Efficient Nonlinear Optical Main-Chain Polyurethanes Containing Indole-Based Chromophores. Journal of Physical Chemistry B, 2007, 111, 508-514.	2.6	87
103	An Attempt To Modify Nonlinear Optical Effects of Polyurethanes by Adjusting the Structure of the Chromophore Moieties at the Molecular Level Using â€œClickâ€Chemistry. Macromolecules, 2006, 39, 8544-8546.	4.8	86
104	Nonlinear Optical Chromophores with Pyrrole Moieties as the Conjugated Bridge:â€‰ Enhanced NLO Effects and Interesting Optical Behavior. Journal of Physical Chemistry B, 2008, 112, 4545-4551.	2.6	86
105	High performance organic sensitizers based on 11,12-bis(hexyloxy) dibenzo[a,c]phenazine for dye-sensitized solar cells. Journal of Materials Chemistry, 2012, 22, 18830.	6.7	86
106	Benzene-cored AIEgens for deep-blue OLEDs: high performance without hole-transporting layers, and unexpected excellent host for orange emission as a side-effect. Chemical Science, 2016, 7, 4355-4363.	7.4	85
107	A carbon-oxygen-bridged ladder-type building block for efficient donor and acceptor materials used in organic solar cells. Science Bulletin, 2017, 62, 1331-1336.	9.0	84
108	New Phenothiazine Derivatives That Exhibit Photoinduced Roomâ€Temperature Phosphorescence. Advanced Functional Materials, 2021, 31, 2101719.	14.9	84

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109	Fluorescent and Colorimetric Probes for Mercury(II): Tunable Structures of Electron Donor and Ï€â€Conjugated Bridge. Chemistry - A European Journal, 2012, 18, 1691-1699.	3.3	83
110	Tunable Photoresponsive Behaviors Based on Triphenylamine Derivatives: The Pivotal Role of Ï€â€Conjugated Structure and Corresponding Application. Advanced Materials, 2021, 33, e2104002.	21.0	83
111	Novel AIE-active ratiometric fluorescent probes for mercury(<scp>ii</scp>) based on the Hg²⁺-promoted deprotection of thioketal, and good mechanochromic properties. Journal of Materials Chemistry C, 2018, 6, 773-780.	5.5	82
112	Novel pyrrole-based dyes for dye-sensitized solar cells: From rod-shape to â€œHâ€•type. Journal of Materials Chemistry, 2012, 22, 6689.	6.7	81
113	The oddâ€“even effect of alkyl chain in organic room temperature phosphorescence luminogens and the corresponding in vivo imaging. Materials Chemistry Frontiers, 2019, 3, 1391-1397.	5.9	81
114	Bipolar AIE-active luminogens comprised of an oxadiazole core and terminal TPE moieties as a new type of host for doped electroluminescence. Chemical Communications, 2012, 48, 9586.	4.1	80
115	Rational Molecular Design for Efficient Exciton Harvesting, and Deepâ€Blue OLED Application. Advanced Optical Materials, 2018, 6, 1800342.	7.3	80
116	Mechanoluminescence from pure hydrocarbon AIEgen. Chemical Communications, 2017, 53, 11330-11333.	4.1	79
117	Mobile Phone Flashlightâ€Excited Red Afterglow Bioimaging. Advanced Materials, 2022, 34, e2201280.	21.0	79
118	New fluorescent probes for mercury(II) with simple structure. Sensors and Actuators B: Chemical, 2011, 157, 57-63.	7.8	77
119	Miracles of molecular uniting. Science China Materials, 2020, 63, 177-184.	6.3	77
120	Elucidating the Excited State of Mechanoluminescence in Organic Luminogens with Roomâ€Temperature Phosphorescence. Angewandte Chemie, 2017, 129, 15501-15505.	2.0	75
121	Nonlinear Optical Dendrimers from Click Chemistry: Convenient Synthesis, New Function of the Formed Triazole Rings, and Enhanced NLO Effects. Macromolecules, 2009, 42, 3864-3868.	4.8	73
122	New Indole-Based Metal-Free Organic Dyes for Dye-Sensitized Solar Cells. Journal of Physical Chemistry B, 2009, 113, 14588-14595.	2.6	72
123	New Hyperbranched Polytriazoles Containing Isolation Chromophore Moieties Derived from AB₄ Monomers through Click Chemistry under Copper(I) Catalysis: Improved Optical Transparency and Enhanced NLO Effects. Chemistry - A European Journal, 2012, 18, 4426-4434.	3.3	72
124	â€œReactiveâ€•probe for hydrogen sulfite: â€œturn-onâ€•fluorescent sensing and bioimaging application. Journal of Materials Chemistry B, 2013, 1, 4110.	5.8	72
125	A New Approach to Prepare Efficient Blue AIE Emitters for Undoped OLEDs. Chemistry - A European Journal, 2014, 20, 5317-5326.	3.3	71
126	Novel global-like second-order nonlinear optical dendrimers: convenient synthesis through powerful click chemistry and large NLO effects achieved by using simple azo chromophore. Chemical Science, 2012, 3, 1256.	7.4	70

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127	Light emission of organic luminogens: Generation, mechanism and application. Progress in Materials Science, 2022, 125, 100914.	32.8	69
128	Dopant-free dicyanofluoranthene-based hole transporting material with low cost enables efficient flexible perovskite solar cells. Nano Energy, 2021, 82, 105701.	16.0	68
129	New hyperbranched polymers containing second-order nonlinear optical chromophores: Synthesis and nonlinear optical characterization. Polymer, 2006, 47, 7881-7888.	3.8	67
130	New AIEgens containing tetraphenylethene and silole moieties: tunable intramolecular conjugation, aggregation-induced emission characteristics and good device performance. Journal of Materials Chemistry C, 2015, 3, 2624-2631.	5.5	67
131	Opposite mechanoluminescence behavior of two isomers with different linkage positions. Chemical Communications, 2018, 54, 5598-5601.	4.1	67
132	9,9â€Dimethylxanthene Derivatives with Roomâ€Temperature Phosphorescence: Substituent Effects and Emissive Properties. Angewandte Chemie, 2020, 132, 10032-10037.	2.0	66
133	New Indole-Based Chromophore-Containing Main-Chain Polyurethanes:â€‰ Architectural Modification of Isolation Group, Enhanced Nonlinear Optical Property, and Improved Optical Transparency. Journal of Physical Chemistry B, 2008, 112, 4928-4933.	2.6	65
134	A Highly Sensitive and Selective Fluorescent Probe for Cyanide Based on the Dissolution of Gold Nanoparticles and Its Application in Real Samples. Chemistry - A European Journal, 2011, 17, 9691-9696.	3.3	64
135	Multiple Luminescence Responses towards Mechanical Stimulus and Photoâ€Induction: The Key Role of the Stuck Packing Mode and Tunable Intermolecular Interactions. Chemistry - A European Journal, 2019, 25, 7031-7037.	3.3	64
136	Merocyanine with Hole-Transporting Ability and Efficient Defect Passivation Effect for Perovskite Solar Cells. ACS Energy Letters, 2021, 6, 869-876.	17.4	64
137	Novel second-order nonlinear optical main-chain polyurethanes: Adjustable subtle structure, improved thermal stability and enhanced nonlinear optical property. Polymer, 2007, 48, 5520-5529.	3.8	62
138	Thermally Activated Delayed Fluorescent Polymers. Journal of Polymer Science Part A, 2017, 55, 575-584.	2.3	62
139	New Azo Chromophoreâ€Containing Conjugated Polymers: Facile Synthesis by Using â€œClickâ€•Chemistry and Enhanced Nonlinear Optical Properties Through the Introduction of Suitable Isolation Groups. Macromolecular Rapid Communications, 2008, 29, 136-141.	3.9	61
140	New Pyroleâ€Based Organic Dyes for Dyeâ€Sensitized Solar Cells: Convenient Syntheses and High Efficiency. Chemistry - A European Journal, 2009, 15, 9664-9668.	3.3	59
141	AIE probes towards biomolecules: the improved selectivity with the aid of graphene oxide. Science China Chemistry, 2015, 58, 1800-1809.	8.2	59
142	Janus second-order nonlinear optical dendrimers: their controllable molecular topology and corresponding largely enhanced performance. Chemical Science, 2017, 8, 340-347.	7.4	59
143	Facile-Effective Hole-Transporting Materials Based on Dibenzo[a,c]carbazole: The Key Role of Linkage Position to Photovoltaic Performance of Perovskite Solar Cells. ACS Energy Letters, 2019, 4, 2514-2521.	17.4	59
144	Materials for Interfaces in Organic Solar Cells and Photodetectors. ACS Applied Materials & Interfaces, 2020, 12, 3301-3326.	8.0	59

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145	Precise Regulation of Distance between Associated Pyrene Units and Control of Emission Energy and Kinetics in Solid State. CCS Chemistry, 2021, 3, 274-286.	7.8	58
146	New PVKâ€based nonlinear optical polymers: Enhanced nonlinearity and improved transparency. Journal of Polymer Science Part A, 2008, 46, 2983-2993.	2.3	57
147	Recyclable mechanoluminescent luminogen: different polymorphs, different self-assembly effects of the thiophene moiety and recovered molecular packing via simple thermal-treatment. Materials Chemistry Frontiers, 2019, 3, 32-38.	5.9	57
148	A new red fluorescent probe for Hg2+ based on naphthalene diimide and its application in living cells, reversibility on strip papers. Sensors and Actuators B: Chemical, 2017, 238, 735-743.	7.8	56
149	Second-order nonlinear optical property of polyphosphazenes containing charge-transporting agents and indole-based chromophore. Polymer, 2005, 46, 4971-4978.	3.8	55
150	Highâ€Generation Secondâ€Order Nonlinear Optical (NLO) Dendrimers that Contain Isolation Chromophores: Convenient Synthesis by Using Click Chemistry and their Increased NLO Effects. Chemistry - A European Journal, 2012, 18, 11019-11028.	3.3	55
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