Ping Lu

List of Publications by Year
in descending order

285 papers	18,328 citations	14644 66 h-index	16636 123 g-index
293 all docs	293 docs citations	293 times ranked	11760 citing authors

#	Article	IF	Citations
1	Changing the Behavior of Chromophores from Aggregationâ€Caused Quenching to Aggregationâ€Induced Emission: Development of Highly Efficient Light Emitters in the Solid State. Advanced Materials, 2010, 22, 2159-2163.	11.1	834
2	Crystallization-Induced Phosphorescence of Pure Organic Luminogens at Room Temperature. Journal of Physical Chemistry C, 2010, 114, 6090-6099.	1.5	765
3	Efficient Solid Emitters with Aggregation-Induced Emission and Intramolecular Charge Transfer Characteristics: Molecular Design, Synthesis, Photophysical Behaviors, and OLED Application. Chemistry of Materials, 2012, 24, 1518-1528.	3.2	472
4	Synergy between Twisted Conformation and Effective Intermolecular Interactions: Strategy for Efficient Mechanochromic Luminogens with High Contrast. Advanced Materials, 2013, 25, 2837-2843.	11.1	422
5	Effects of Substitution with Donorâ€“Acceptor Groups on the Properties of Tetraphenylethene Trimer: Aggregation-Induced Emission, Solvatochromism, and Mechanochromism. Journal of Physical Chemistry C, 2013, 117, 7334-7347.	1.5	385
6	Achieving a Significantly Increased Efficiency in Nondoped Pure Blue Fluorescent OLED: A Quasiâ€Equivalent Hybridized Excited State. Advanced Functional Materials, 2015, 25, 1755-1762.	7.8	381
7	A Hybridized Local and Chargeâ€Transfer Excited State for Highly Efficient Fluorescent OLEDs: Molecular Design, Spectral Character, and Full Exciton Utilization. Advanced Optical Materials, 2014, 2, 892-901.	3.6	357
8	Creation of highly efficient solid emitter by decorating pyrene core with AIE-active tetraphenylethene peripheries. Chemical Communications, 2010, 46, 2221.	2.2	352
9	What makes efficient circularly polarised luminescence in the condensed phase: aggregation-induced circular dichroism and light emission. Chemical Science, 2012, 3, 2737.	3.7	338
10	Aggregation-induced emission, self-assembly, and electroluminescence of 4,4â€²-bis(1,2,2-triphenylvinyl)biphenyl. Chemical Communications, 2010, 46, 686-688.	2.2	313
11	A superamplification effect in the detection of explosives by a fluorescent hyperbranched poly(silylenephenylene) with aggregation-enhanced emission characteristics. Polymer Chemistry, 2010, 1, 426-429.	1.9	288
12	Hyperbranched polytriazoles with high molecular compressibility: aggregation-induced emission and superamplified explosive detection. Journal of Materials Chemistry, 2011, 21, 4056.	6.7	275
13	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.	7.8	270
14	Highly efficient near ultraviolet organic light-emitting diode based on a meta-linked donorâ€“acceptor molecule. Chemical Science, 2015, 6, 3797-3804.	3.7	245
15	Twisted Dâ€“Ïâ€“A solid emitters: efficient emission and high contrast mechanochromism. Chemical Communications, 2013, 49, 4009.	2.2	239
16	Efficient Deep Blue Electroluminescence with an External Quantum Efficiency of 6.8% and CIE_y < 0.08 Based on a Phenanthroimidazoleâ€“Sulfone Hybrid Donorâ€“Acceptor Molecule. Chemistry of Materials, 2015, 27, 7050-7057.	3.2	239
17	The thriving chemistry of ketenimines. Chemical Society Reviews, 2012, 41, 5687.	18.7	232
18	Recent Advances on the Lewis Acid-Catalyzed Cascade Rearrangements of Propargylic Alcohols and Their Derivatives. ACS Catalysis, 2014, 4, 1911-1925.	5.5	232

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19	Phenanthro[9,10-d]imidazole as a new building block for blue light emitting materials. Journal of Materials Chemistry, 2011, 21, 5451.	6.7	229
20	Hyperbranched Conjugated Polysiloles: Synthesis, Structure, Aggregation-Enhanced Emission, Multicolor Fluorescent Photopatterning, and Superamplified Detection of Explosives. Macromolecules, 2010, 43, 4921-4936.	2.2	216
21	Molecular anchors in the solid state: Restriction of intramolecular rotation boosts emission efficiency of luminogen aggregates to unity. Chemical Science, 2011, 2, 672-675.	3.7	216
22	Pyrene-substituted ethenes: aggregation-enhanced excimer emission and highly efficient electroluminescence. Journal of Materials Chemistry, 2011, 21, 7210.	6.7	206
23	Structural Modulation of Solidâ€State Emission of 2,5â€Bis(trialkylsilylethynyl)â€3,4â€diphenylsiloles. Angewandte Chemie - International Edition, 2009, 48, 7608-7611.	7.2	205
24	Efficient Light Emitters in the Solid State: Synthesis, Aggregationâ€Induced Emission, Electroluminescence, and Sensory Properties of Luminogens with Benzene Cores and Multiple Triarylvinyl Peripherals. Advanced Functional Materials, 2012, 22, 378-389.	7.8	198
25	Efficient Nondoped Blue Fluorescent Organic Lightâ€Emitting Diodes (OLEDs) with a High External Quantum Efficiency of 9.4% @ 1000 cd m^{â”2} Based on Phenanthroimidazoleâ”Anthracene Derivative. Advanced Functional Materials, 2018, 28, 1705813.	7.8	193
26	Tuning the Electronic Nature of Aggregation-Induced Emission Luminogens with Enhanced Hole-Transporting Property. Chemistry of Materials, 2011, 23, 2536-2544.	3.2	184
27	Highly Efficient Solidâ€State Nearâ€Infrared Emitting Material Based on Triphenylamine and Diphenylfumaronitrile with an EQE of 2.58% in Nondoped Organic Lightâ€Emitting Diode. Advanced Functional Materials, 2015, 25, 7521-7529.	7.8	181
28	Full emission color tuning in luminogens constructed from tetraphenylethene, benzo-2,1,3-thiadiazole and thiophene building blocks. Chemical Communications, 2011, 47, 8847.	2.2	175
29	Excimer-induced high-efficiency fluorescence due to pairwise anthracene stacking in a crystal with long lifetime. Chemical Communications, 2016, 52, 7356-7359.	2.2	164
30	Tetraphenylethenyl-modified perylene bisimide: aggregation-induced red emission, electrochemical properties and ordered microstructures. Journal of Materials Chemistry, 2012, 22, 7387.	6.7	154
31	Fumaronitrile-Based Fluorogen: Red to Near-Infrared Fluorescence, Aggregation-Induced Emission, Solvatochromism, and Twisted Intramolecular Charge Transfer. Journal of Physical Chemistry C, 2012, 116, 10541-10547.	1.5	147
32	Aggregation-Induced Emission Enhancement of Aryl-Substituted Pyrrole Derivatives. Journal of Physical Chemistry B, 2010, 114, 16731-16736.	1.2	139
33	Towards high efficiency solid emitters with aggregation-induced emission and electron-transport characteristics. Chemical Communications, 2011, 47, 11216.	2.2	136
34	Unique piezochromic fluorescence behavior of organic crystal of carbazole-substituted CNDSB. Chemical Communications, 2016, 52, 3836-3839.	2.2	131
35	Highly Efficient Nondoped Green Organic Light-Emitting Diodes with Combination of High Photoluminescence and High Exciton Utilization. ACS Applied Materials & Interfaces, 2016, 8, 3041-3049.	4.0	126
36	Fabrication of Fluorescent Silica Nanoparticles Hybridized with AIE Luminogens and Exploration of Their Applications as Nanobiosensors in Intracellular Imaging. Chemistry - A European Journal, 2010, 16, 4266-4272.	1.7	124

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37	From tetraphenylethene to tetranaphthylethene: structural evolution in AIE luminogen continues. Chemical Communications, 2013, 49, 2491.	2.2	123
38	Creation of Bifunctional Materials: Improve Electronâ€Transporting Ability of Light Emitters Based on AIEâ€Active 2,3,4,5â€Tetraphenylsiloles. Advanced Functional Materials, 2014, 24, 3621-3630.	7.8	123
39	Highly efficient deep-blue OLED with an extraordinarily narrow FHWM of 35 nm and a y coordinate <0.05 based on a fully twisting donorâ€“acceptor molecule. Journal of Materials Chemistry C, 2014, 2, 4733-4736.	2.7	123
40	Fabrication of Silica Nanoparticles with Both Efficient Fluorescence and Strong Magnetization and Exploration of Their Biological Applications. Advanced Functional Materials, 2011, 21, 1733-1740.	7.8	122
41	Siloles symmetrically substituted on their 2,5-positions with electron-accepting and donating moieties: facile synthesis, aggregation-enhanced emission, solvatochromism, and device application. Chemical Science, 2012, 3, 549-558.	3.7	114
42	High efficiency luminescent liquid crystal: aggregation-induced emission strategy and biaxially oriented mesomorphic structure. Journal of Materials Chemistry, 2012, 22, 3323.	6.7	112
43	Highâ€Efficiency Violetâ€Lightâ€Emitting Materials Based on Phenanthro[9,10â€d]imidazole. Chemistry - A European Journal, 2013, 19, 2602-2605.	1.7	111
44	Steric Hindrance, Electronic Communication, and Energy Transfer in the Photo- and Electroluminescence Processes of Aggregation-Induced Emission Luminogens. Journal of Physical Chemistry C, 2010, 114, 7963-7972.	1.5	109
45	A Highly Efficient, Blueâ€Phosphorescent Device Based on a Wideâ€Bandgap Host/FIrpic: Rational Design of the Carbazole and Phosphine Oxide Moieties on Tetraphenylsilane. Advanced Functional Materials, 2012, 22, 2830-2836.	7.8	107
46	Highly Efficient Deep Blue Organic Light-Emitting Diodes Based on Imidazole: Significantly Enhanced Performance by Effective Energy Transfer with Negligible Efficiency Roll-off. ACS Applied Materials & Interfaces, 2016, 8, 28771-28779.	4.0	107
47	Stereoselective Synthesis, Efficient Light Emission, and High Bipolar Charge Mobility of Chiasmatic Luminogens. Advanced Materials, 2011, 23, 5430-5435.	11.1	105
48	Using tetraphenylethene and carbazole to create efficient luminophores with aggregation-induced emission, high thermal stability, and good hole-transporting property. Journal of Materials Chemistry, 2012, 22, 4527.	6.7	103
49	Aggregation-induced emission, mechanochromism and blue electroluminescence of carbazole and triphenylamine-substituted ethenes. Journal of Materials Chemistry C, 2014, 2, 4320-4327.	2.7	102
50	Dibenzosuberenylidene-Ended Fluorophores:Â Rapid and Efficient Synthesis, Characterization, and Aggregation-Induced Emissions. Journal of Physical Chemistry B, 2005, 109, 19627-19633.	1.2	100
51	High-efficiency deep blue fluorescent emitters based on phenanthro[9,10-d]imidazole substituted carbazole and their applications in organic light emitting diodes. Organic Electronics, 2014, 15, 2667-2676.	1.4	94
52	Aggregationâ€Induced Emission in a Hyperbranched Poly(silylenevinylene) and Superamplification in Its Emission Quenching by Explosives. Macromolecular Rapid Communications, 2010, 31, 834-839.	2.0	93
53	Theoretical Studies of the Absorption and Emission Properties of the Fluorene-Based Conjugated Polymers. Macromolecules, 2004, 37, 3451-3458.	2.2	90
54	Aggregationâ€Induced Emission and Efficient Solidâ€State Fluorescence from Tetraphenyletheneâ€Based N,Câ€Chelate Fourâ€Coordinate Organoborons. Chemistry - A European Journal, 2013, 19, 11512-11517.	1.7	90

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55	Zigzag Molecules from Pyrene-Modified Carbazole Oligomers:â€‰ Synthesis, Characterization, and Application in OLEDs. Journal of Organic Chemistry, 2008, 73, 594-602.	1.7	87
56	Aggregation-enhanced emission and efficient electroluminescence of tetraphenylethene-cored luminogens. Chemical Communications, 2013, 49, 594-596.	2.2	82
57	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.	2.2	80
58	Highly Efficient Asymmetric Multiple Resonance Thermally Activated Delayed Fluorescence Emitter with EQE of 32.8â€‰% and Extremely Low Efficiency Rollâ€Off. Angewandte Chemie - International Edition, 2022, 61, .	7.2	78
59	Tailoring Excited-State Properties and Electroluminescence Performance of Donorâ€“Acceptor Molecules through Tuning the Energy Level of the Charge-Transfer State. Journal of Physical Chemistry C, 2015, 119, 17800-17808.	1.5	76
60	An ambipolar organic field-effect transistor based on an AIE-active single crystal with a high mobility level of 2.0 cm² V^{â^'1} s^{â^'1}. Chemical Communications, 2016, 52, 2370-2373.	2.2	73
61	Solution-Processable Stiff Dendrimers: Synthesis, Photophysics, Film Morphology, and Electroluminescence. Journal of Organic Chemistry, 2009, 74, 383-395.	1.7	72
62	Recent advances in transition-metal-catalyzed Câ€“CN bond activations. RSC Advances, 2014, 4, 47806-47826.	1.7	72
63	Efficient Nearâ€Infrared (NIR) Organic Lightâ€Emitting Diodes Based on Donorâ€“Acceptor Architecture: An Improved Emissive State from Mixing to Hybridization. Advanced Optical Materials, 2017, 5, 1700441.	3.6	71
64	Pyrene[4,5-d]imidazole-Based Derivatives with Hybridized Local and Charge-Transfer State for Highly Efficient Blue and White Organic Light-Emitting Diodes with Low Efficiency Roll-Off. ACS Applied Materials & Interfaces, 2020, 12, 16715-16725.	4.0	70
65	Copperâ€Catalyzed Oneâ€Pot Synthesis of 2â€Alkylideneâ€1,2,3,4â€•tetrahydropyrimidines. Advanced Synthesis and Catalysis, 2009, 351, 1768-1772.	2.1	69
66	New Ladder-Type Poly(p-phenylene)s Containing Fluorene Unit Exhibiting High Efficient Electroluminescence. Macromolecules, 2003, 36, 9823-9829.	2.2	68
67	Nucleic Acid-Induced Aggregation and Pyrene Excimer Formation. Organic Letters, 2009, 11, 4302-4305.	2.4	68
68	Construction of efficient solid emitters with conventional and AIE luminogens for blue organic light-emitting diodes. Journal of Materials Chemistry, 2011, 21, 10949.	6.7	67
69	Breaking the Efficiency Limit of Fluorescent OLEDs by Hybridized Local and Charge-Transfer Host Materials. Journal of Physical Chemistry Letters, 2018, 9, 5240-5245.	2.1	66
70	A Facile and Versatile Approach to Efficient Luminescent Materials for Applications in Organic Lightâ€Emitting Diodes. Chemistry - an Asian Journal, 2012, 7, 484-488.	1.7	65
71	Construction of high efficiency non-doped deep blue emitters based on phenanthroimidazole: remarkable substitution effects on the excited state properties and device performance. Physical Chemistry Chemical Physics, 2014, 16, 20772-20779.	1.3	65
72	Palladium-catalyzed cyanide metathesis: utilization of benzyl cyanide as an operator-benign reagent for aryl halide cyanations. RSC Advances, 2012, 2, 6167.	1.7	64

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73	Synthesis, Structure, Aggregationâ€Induced Emission, Selfâ€Assembly, and Electron Mobility of 2,5â€Bis(triphenylsilylethynyl)â€3,4â€diphenylsiloles. Chemistry - A European Journal, 2011, 17, 5998-6008.	1.7	62
74	Synthesis and self-assembly of tetraphenylethene and biphenyl based AIE-active triazoles. Journal of Materials Chemistry, 2012, 22, 10472.	6.7	62
75	Stereoselective synthesis of folded luminogens with areneâ€“arene stacking interactions and aggregation-enhanced emission. Chemical Communications, 2014, 50, 1131-1133.	2.2	62
76	Bright AIE Nanoparticles with F127 Encapsulation for Deepâ€Tissue Threeâ€Photon Intravital Brain Angiography. Advanced Healthcare Materials, 2017, 6, 1700685.	3.9	61
77	Novel blue fluorescent materials for high-performance nondoped blue OLEDs and hybrid pure white OLEDs with ultrahigh color rendering index. Nano Energy, 2020, 68, 104325.	8.2	61
78	Metal Ionochromic Effects of Conjugated Polymers:Â Effects of the Rigidity of Molecular Recognition Sites on Metal Ion Sensing. Journal of Physical Chemistry B, 2003, 107, 6535-6538.	1.2	60
79	Highly luminescent network films from electrochemical deposition of peripheral carbazole functionalized fluorene oligomer and their applications for light-emitting diodes. Chemical Communications, 2006, , 3393.	2.2	60
80	Covalent Immobilization of Aggregationâ€Induced Emission Luminogens in Silica Nanoparticles Through Click Reaction. Small, 2011, 7, 1448-1455.	5.2	59
81	Rhodium-Catalyzed Cycloadditions between 3-Diazoindolin-2-imines and 1,3-Dienes. Organic Letters, 2017, 19, 1630-1633.	2.4	59
82	A oneâ€pot synthesis of 2â€arylâ€2,3â€dihydroâ€4(lH)â€quinazolinones by use of samarium iodide. Journal of Heterocyclic Chemistry, 2002, 39, 1271-1272.	1.4	58
83	Silane coupling di-carbazoles with high triplet energy as host materials for highly efficient blue phosphorescent devices. Journal of Materials Chemistry, 2009, 19, 6143.	6.7	58
84	2,5â€Difluorenylâ€Substituted Siloles for the Fabrication of Highâ€Performance Yellow Organic Lightâ€Emitting Diodes. Chemistry - A European Journal, 2014, 20, 1931-1939.	1.7	58
85	Photodegradation of Polyfluorene and Fluorene Oligomers with Alkyl and Aromatic Disubstitutions. Journal of Physical Chemistry B, 2006, 110, 13734-13740.	1.2	56
86	Copperâ€Mediated Cyanation of Aryl Halides by Activation of Benzyl Cyanide as the Cyanide Source. European Journal of Organic Chemistry, 2013, 2013, 4032-4036.	1.2	56
87	Highly efficient red phosphorescent light-emitting diodes based on ruthenium(II)-complex-doped semiconductive polymers. Applied Physics Letters, 2004, 84, 290-292.	1.5	55
88	Electrochemically Deposited Organic Luminescent Films:Â The Effects of Deposition Parameters on Morphologies and Luminescent Efficiency of Films. Journal of Physical Chemistry B, 2006, 110, 17784-17789.	1.2	55
89	Copperâ€Catalyzed Threeâ€Component Synthesis of 2â€Iminodihydrocoumarins and 2â€Iminocoumarins. Advanced Synthesis and Catalysis, 2010, 352, 1139-1144.	2.1	54
90	Separation of electrical and optical energy gaps for constructing bipolar organic wide bandgap materials. Chemical Communications, 2012, 48, 3015.	2.2	54

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91	Highly efficient deep blue light emitting devices based on triphenylsilane modified phenanthro[9, 10-d]imidazole. Laser and Photonics Reviews, 2014, 8, L6-L10.	4.4	54
92	Dimeric phenanthroimidazole for blue electroluminescent materials: the effect of substituted position attached to biphenyl center. Physical Chemistry Chemical Physics, 2014, 16, 10837-10843.	1.3	54
93	Highly efficient and stable pure blue nondoped organic light-emitting diodes at high luminance based on phenanthroimidazole-pyrene derivative enabled by triplei-triplet annihilation. Dyes and Pigments, 2017, 142, 189-197.	2.0	54
94	Conjugation versus rotation: good conjugation weakens the aggregation-induced emission effect of siloles. Chemical Communications, 2014, 50, 4500.	2.2	53
95	Regioselective Alkyne Polyhydrosilylation: Synthesis and Photonic Properties of Poly(silylenevinylene)s. Macromolecules, 2011, 44, 5977-5986.	2.2	52
96	Stable p/nâ€Dopable Conducting Redox Polymers for Highâ€Voltage Pseudocapacitor Electrode Materials: Structureâ€“Performance Relationship and Detailed Investigation into Chargeâ€Trapping Effect. Advanced Energy Materials, 2017, 7, 1701063.	10.2	52
97	White Light from Excimer and Electromer in Single-Emitting-Component Electroluminescent Diodes. Journal of Physical Chemistry C, 2008, 112, 8511-8515.	1.5	51
98	Anthracene-based emitters for highly efficient deep blue organic light-emitting diodes with narrow emission spectrum. Chemical Engineering Journal, 2021, 426, 131351.	6.6	51
99	Highly Efficient Multiâ€Resonance Thermally Activated Delayed Fluorescence Material with a Narrow Full Width at Halfâ€Maximum of 0.14ÂeV. Small, 2022, 18, e2106462.	5.2	50
100	Rh-Catalyzed Conversion of 3-Diazoindolin-2-imines to 5H-Pyrazino[2,3-b]indoles with Photoluminescent Properties. Organic Letters, 2017, 19, 6514-6517.	2.4	49
101	Isomers of Pyreneâ€“Imidazole Compounds: Synthesis and Configuration Effect on Optical Properties. Organic Letters, 2015, 17, 6138-6141.	2.4	47
102	Thiolâ€“bromo click polymerization for multifunctional polymers: synthesis, light refraction, aggregation-induced emission and explosive detection. Polymer Chemistry, 2015, 6, 97-105.	1.9	46
103	Construction of Pyrrolo[1,2-a]indoles via Cobalt(III)-Catalyzed Enaminylation of 1-(Pyrimidin-2-yl)-1H-indoles with Ketenimines and Subsequent Base-Promoted Cyclization. Organic Letters, 2016, 18, 4706-4709.	2.4	46
104	A single-molecule conformation modulating crystalline polymorph of a physical ï€â€“ï€ pyrene dimer: blue and green emissions of a pyrene excimer. Journal of Materials Chemistry C, 2020, 8, 3367-3373.	2.7	46
105	Solutionâ€Processable Hosts Constructed by Carbazole/PO Substituted Tetraphenylsilanes for Efficient Blue Electrophosphorescent Devices. Advanced Functional Materials, 2014, 24, 5881-5888.	7.8	45
106	A solution-processable deep red molecular emitter for non-doped organic red-light-emitting diodes. Dyes and Pigments, 2011, 91, 356-363.	2.0	44
107	Efficient deep-blue non-doped organic light-emitting diode with improved roll-off of efficiency based on hybrid local and charge-transfer excited state. RSC Advances, 2016, 6, 70085-70090.	1.7	44
108	Efficient near-infrared emission based on donor-acceptor molecular architecture: The role of ancillary acceptor of cyanophenyl. Dyes and Pigments, 2018, 149, 430-436.	2.0	44

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109	Rh-Catalyzed Reactions of 3-Diazoindolin-2-imines: Synthesis of Pyridoindoles and Tetrahydrofuropyrroloindoles. Organic Letters, 2015, 17, 4412-4415.	2.4	43
110	Highly efficient deep-blue organic light-emitting diodes based on pyreno[4,5-d]imidazole-anthracene structural isomers. Journal of Materials Chemistry C, 2019, 7, 10273-10280.	2.7	43
111	Synthesis and Photophysical Properties of Ï€-Conjugated Polymers Incorporated with Phosphorescent Rhenium(I) Chromophores in the Backbones. Journal of Physical Chemistry B, 2004, 108, 13185-13190.	1.2	42
112	Palladiumâ€Catalyzed Reaction of Arylamine and Diarylacetylene: Solventâ€Controlled Construction of 2,3â€Diarylindoles and Pentaarylpyrroles. European Journal of Organic Chemistry, 2012, 2012, 4380-4386.	1.2	42
113	An Efficient AIEâ€Active Blueâ€Emitting Molecule by Incorporating Multifunctional Groups into Tetraphenylsilane. Chemistry - A European Journal, 2014, 20, 7589-7592.	1.7	41
114	Fluorescent Conjugated Dendrimers with Fluorinated Terminal Groups: Nanofiber Formation and Electroluminescence Properties. Organic Letters, 2008, 10, 3041-3044.	2.4	40
115	Towards stable deep-blue emission and low efficiency roll-off in OLEDs based on phenanthroimidazole dimers. Journal of Materials Chemistry C, 2016, 4, 1886-1894.	2.7	40
116	Convenient preparation of 4-diazoisochroman-3-imines and 3-subsituted 3,5-dihydroisochromeno[3,4-d][1,2,3]triazoles. Chemical Communications, 2017, 53, 3769-3772.	2.2	40
117	Enhanced Sensitivity and Piezochromic Contrast through Singleâ€Direction Extension of Molecular Structure. Chemistry - A European Journal, 2017, 23, 773-777.	1.7	40
118	Fluorescence resonance energy transfer (FRET) based nanoparticles composed of AIE luminogens and NIR dyes with enhanced three-photon near-infrared emission for in vivo brain angiography. Nanoscale, 2018, 10, 10025-10032.	2.8	40
119	Preparation of Benzo[c]carbazol-6-amines via Manganese-Catalyzed Enaminylation of 1-(Pyrimidin-2-yl)-1H-indoles with Ketenimines and Subsequent Oxidative Cyclization. Organic Letters, 2018, 20, 1426-1429.	2.4	40
120	Highly Efficient Blue Organic Light-Emitting Diode Based on a Pyrene[4,5- d]Imidazole-Pyrene Molecule. CCS Chemistry, 2022, 4, 214-227.	4.6	38
121	A Wide-Bandgap Semiconducting Polymer for Ultraviolet and Blue Light Emitting Diodes. Macromolecular Chemistry and Physics, 2003, 204, 2274-2280.	1.1	37
122	A Waterâ€Soluble Ï€â€Conjugated Polymer with up to 100 mgâ€‰Â·â€‰mL^{â^'1} Solubility. Macromolecular Rapid Communications, 2007, 28, 1645-1650.	2.0	37
123	Iridium complex grafted to 3,6â€carbazoleâ€altâ€tetraphenylsilane copolymers for blue electrophosphorescence. Journal of Polymer Science Part A, 2010, 48, 1859-1865.	2.5	37
124	Efficiency enhancement for bulk heterojunction photovoltaic cells via incorporation of alcohol soluble conjugated polymer interlayer. Applied Physics Letters, 2012, 100, 203304.	1.5	36
125	Separation of Electrical and Optical Energy Gaps: Selectively Adjusting the Electrical and Optical Properties for a Highly Efficient Blue Emitter. Chemistry - A European Journal, 2014, 20, 2149-2153.	1.7	36
126	3-Amino-fluorene-2,4-dicarbonitriles (AFDCs) as Photocatalysts for the Decarboxylative Arylation of Î±-Amino Acids and Î±-Oxy Acids with Arylnitriles. Organic Letters, 2019, 21, 2130-2133.	2.4	36

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127	Study on the Formation of the Ketonic Defects in the Thermal Degradation of Ladder-Type Poly(p-phenylenes) by Vibrational Spectroscopy. Journal of Physical Chemistry B, 2005, 109, 23366-23370.	1.2	35
128	A solutionâ€processible poly(pâ€phenylene vinylene) without alkyl substitution: Introducing the cisâ€vinylene segments in polymer chain for improved solubility, blue emission, and high efficiency. Journal of Polymer Science Part A, 2008, 46, 5242-5250.	2.5	35
129	Piezochromic luminescent and electroluminescent materials comprised of tetraphenylethene plus spirobifluorene or 9,9-diphenylfluorene. Dyes and Pigments, 2014, 106, 87-93.	2.0	35
130	High performance, flexible, poly(3,4-ethylenedioxythiophene) supercapacitors achieved by doping redox mediators in organogel electrolytes. Journal of Power Sources, 2016, 332, 413-419.	4.0	35
131	Highly efficient organic light emitting diodes based on a Dâ€“Aâ€“D type dibenzothiophene derivative exhibiting thermally activated delayed fluorescence with small Î”E_{ST}. Journal of Materials Chemistry C, 2016, 4, 10205-10208.	2.7	35
132	Highly efficient nondoped blue organic light-emitting diodes with high brightness and negligible efficiency roll-off based on anthracene-triazine derivatives. Journal of Materials Chemistry C, 2019, 7, 14881-14888.	2.7	35
133	Recent progress of sulphur-containing high-efficiency organic light-emitting diodes (OLEDs). Journal of Materials Chemistry C, 2022, 10, 4497-4520.	2.7	35
134	Î±-Amidino Rhodium Carbenes: Key Intermediates for the Preparation of (E)-2-Aminomethylene-3-oxoindoles and Pyranoindoles. Organic Letters, 2016, 18, 3682-3685.	2.4	34
135	Adjusting Nitrogen Atom Orientations of Pyridine Ring in Tetraphenylsilane-Based Hosts for Highly Efficient Blue Phosphorescent Organic Light-Emitting Devices. ACS Applied Materials & Interfaces, 2016, 8, 24793-24802.	4.0	34
136	Zinc(II)-Induced Color-Tunable Fluorescence Emission in the Ï€-Conjugated Polymers Composed of the Bipyridine Unit:Â A Way to Get White-Light Emission. Journal of Physical Chemistry B, 2005, 109, 6944-6947.	1.2	33
137	Synthesis and Electrochemical Properties of Peripheral Carbazole Functional Ter(9,9-spirobifluorene)s. Journal of Organic Chemistry, 2008, 73, 4212-4218.	1.7	33
138	A wide band gap polymer derived from 3,6â€carbazole and tetraphenylsilane as host for green and blue phosphorescent complexes. Journal of Polymer Science Part A, 2009, 47, 4784-4792.	2.5	33
139	Siloleâ€containing poly(silylenevinylene)s: Synthesis, characterization, aggregationâ€enhanced emission, and explosive detection. Journal of Polymer Science Part A, 2012, 50, 2265-2274.	2.5	33
140	Deep blue fluorescent 2,5-bis(phenylsilyl)-substituted 3,4-diphenylsiloles: Synthesis, structure and aggregation-induced emission. Dyes and Pigments, 2013, 99, 520-525.	2.0	33
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