Ping Lu

List of Publications by Year
in descending order

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285 papers	18,328 citations	14614 66 h-index	16605 123 g-index
293 all docs	293 docs citations	293 times ranked	11760 citing authors

#	Article	IF	Citations
1	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
2	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
3	Recent progress of sulphur-containing high-efficiency organic light-emitting diodes (OLEDs). Journal of Materials Chemistry C, 2022, 10, 4497-4520.	2.7	35
4	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
5	Rh(<scp>iii</scp>)-Catalyzed Câ€“H bond activation/annulation reactions of arylacyl ammonium salts with 4-diazoisochroman-3-imines and 4-diazoisoquinolin-3-ones. Organic and Biomolecular Chemistry, 2022, 20, 1900-1906.	1.5	5
6	Preparation and photoluminescent properties of amino 2,1,3â€benzoxadiazoles (Amâ€BODs) with Dâ€Aâ€D and Dâ€Aâ€A conjugation systems. Chemistry - an Asian Journal, 2022, , .	1.7	0
7	Two different implementation strategies for highly efficient non-doped fluorescent organic light-emitting diodes based on benzothiadiazole derivatives. Chemical Engineering Journal, 2022, 435, 135010.	6.6	11
8	Piezochromic Luminescence of Cyano Substituted E/Z Isomeric Derivatives: Different Responses to External Stimuli. Advanced Optical Materials, 2022, 10, .	3.6	8
9	Cu(II)-Catalyzed Synthesis of 4-(1,4,5,6-Tetrahydropyridin-3-yl)-1,4-dihydroisoquinolin-3-ones from 4-Diazoisoquinolin-3-ones. Journal of Organic Chemistry, 2022, 87, 4088-4096.	1.7	3
10	Rational Design of a Near-infrared Fluorescent Material with High Solid-state Efficiency, Aggregation-induced Emission and Live Cell Imaging Property. Chemical Research in Chinese Universities, 2022, 38, 1461-1466.	1.3	2
11	Base Promoted Three-Component Annulation of 4-Diazoisochroman-3-imines with Dimethylsulfonium Ylides: Synthesis of Highly Functionalized Isochromeno[4,3-c]pyridazines. Journal of Organic Chemistry, 2021, 86, 455-465.	1.7	10
12	Highly efficient red fluorescent OLEDs based on diphenylacridine-naphthothiadiazole derivatives with upper level intersystem crossing. Chemical Engineering Journal, 2021, 404, 127055.	6.6	28
13	Study of configuration differentia and highly efficient deep-red thermally activated delayed fluorescent organic light-emitting diodes based on phenanthro[4,5-fgh]quinoxaline derivatives. Journal of Materials Chemistry C, 2021, 9, 7392-7399.	2.7	17
14	Recent advances in the synthesis of indole embedded heterocycles with 3-diazoindolin-2-imines. Organic Chemistry Frontiers, 2021, 8, 2059-2078.	2.3	32
15	Syntheses of 4-allyl-/4-allenyl-4-(arylthio)-1,4-dihydroisoquinolin-3-ones via the photochemical Doyleâ€“Kirmse reaction. Organic and Biomolecular Chemistry, 2021, 19, 6341-6345.	1.5	7
16	AIE-nanoparticle assisted ultra-deep three-photon microscopy in thein vivomouse brain under 1300 nm excitation. Materials Chemistry Frontiers, 2021, 5, 3201-3208.	3.2	18
17	Visible-Light-Induced Photocatalyst-Free Aerobic Hydroxyazidations of Indoles: A Highly Regioselective and Stereoselective Synthesis of trans-2-Azidoindolin-3-ols. Journal of Organic Chemistry, 2021, 86, 7955-7962.	1.7	7
18	Efficient Red Electroluminescence From Phenanthro[9,10â€d]imidazoleâ€Naphtho[2,3â€c][1,2,5]thiadiazole Donorâ€Acceptor Derivatives. Chemistry - an Asian Journal, 2021, 16, 1942-1948.	1.7	4

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19	Visible-Light-Induced C(sp²â€“C(sp³) Coupling Reaction for the Regioselective Synthesis of 3-Functionalized Coumarins. Journal of Organic Chemistry, 2021, 86, 9552-9562.	1.7	8
20	Photocatalytic Approach for Construction of 5,6-Dihydroimidazo[2,1-a]isoquinolines and Their Luminescent Properties. Journal of Organic Chemistry, 2021, 86, 8101-8111.	1.7	13
21	Luminogens Based on Cyanoâ€Substituted Anthracene Isomers: Different Molecular Packing and Distinct Piezochromic Properties. Advanced Optical Materials, 2021, 9, 2100813.	3.6	16
22	Delocalized Excitation or Intramolecular Energy Transfer in Pyrene Core Dendrimers. Journal of Physical Chemistry Letters, 2021, 12, 7717-7725.	2.1	1
23	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
24	Preparation of 4-Diazoisoquinolin-3-ones via Dimroth Rearrangement and Their Extension to 4-Aryltetrahydroisoquinolin-3-ones. Organic Letters, 2020, 22, 26-30.	2.4	26
25	Efficient Nondoped Pure Blue Organic Lightâ€Emitting Diodes Based on an Anthracene and 9,9â€Diphenylâ€9,10â€dihydroacridine Derivative. Chemistry - an Asian Journal, 2020, 15, 163-168.	1.7	16
26	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
27	Density Functional Theory-Assisted Electrochemical Assay Manipulated by a Donorâ€“Acceptor Structure toward Pharmaceutical Diagnostic. Analytical Chemistry, 2020, 92, 15297-15305.	3.2	9
28	Preparation and photophysical properties of quinazoline-based fluorophores. RSC Advances, 2020, 10, 30297-30303.	1.7	12
29	Preparation and Photoluminescent Properties of Three 5â€Amino Benzothiadiazoles (5â€amBTDs). Chemistry - an Asian Journal, 2020, 15, 3519-3526.	1.7	4
30	Syntheses of 2-Iminoindolin-3-ones and 2-Alknyl-2,3-dihydroquinazolin-4(1H)-ones from 3-Diazoindolin-2-imines. Journal of Organic Chemistry, 2020, 85, 11766-11777.	1.7	10
31	Non-doped organic light-emitting diodes based on phenanthroimidazole-triphenylamine derivatives with a low efficiency roll-off of 9% at a high luminance of 10â€‰000 cd m^{â^'2}. Journal of Materials Chemistry C, 2020, 8, 14446-14452.	2.7	14
32	TfOH-promoted synthesis of 4,5-dihydrooxazolo[5,4-c]isoquinolines via formal [3 + 2] cycloaddition of 4-diazoisoquinolin-3-one and benzonitriles. Organic and Biomolecular Chemistry, 2020, 18, 7671-7676.	1.5	8
33	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
34	Multiple strategies towards high-efficiency white organic light-emitting diodes by the vacuum deposition method. Journal of Materials Chemistry C, 2020, 8, 5636-5661.	2.7	27
35	Synthesis of 8-Alkoxy-5H-isochromeno[3,4-c]isoquinolines and 1-Alkoxy-4-arylisoquinolin-3-ols through Rh(III)-Catalyzed Câ€“H Functionalization of Benzimidates with 4-Diazoisochroman-3-imines and 4-Diazoisoquinolin-3-ones. Journal of Organic Chemistry, 2020, 85, 5525-5535.	1.7	20
36	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

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37	High-efficiency near-infrared fluorescent organic light-emitting diodes with small efficiency roll-off based on AIE-active phenanthro[9,10-d]imidazole derivatives. Journal of Materials Chemistry C, 2020, 8, 6883-6890.	2.7	19
38	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
39	General Approach To Construct Azepino[2,3-b:4,5-bâ€²]diindoles, Azocino[2,3-b:4,5-bâ€²]diindoles, and Azonino[2,3-b:4,5-bâ€²]diindoles via Rh(II)-Catalyzed Reactions of 3-Diazoindolin-2-imines with 3-(Bromoalkyl)indoles. Journal of Organic Chemistry, 2019, 84, 9561-9569.	1.7	11
40	Assistant acceptor induced hybrid local and charge transfer blue-emissive electro-fluorescent materials based on locally excited triphenylamine-phenanthroimidazole backbone. Organic Electronics, 2019, 75, 105404.	1.4	15
41	Emissions from a triphenylamineâ€“benzothiadiazoleâ€“monocarbaborane triad and its applications as a fluorescent chemosensor and a white OLED component. Journal of Materials Chemistry C, 2019, 7, 2430-2435.	2.7	25
42	Efficient Nonâ€doped Blue Fluorescent Organic Lightâ€Emitting Diodes Based on Anthraceneâ€“Triphenylethylene Derivatives. Chemistry - an Asian Journal, 2019, 14, 1004-1012.	1.7	18
43	Highly efficient luminescent benzoylimino derivative and fluorescent probe from a photochemical reaction of imidazole as an oxygen sensor. Chemical Communications, 2019, 55, 977-980.	2.2	29
44	Copperâ€Catalyzed Dimerization of Sulfoxonium Ylides with 3â€Diazoindolinâ€2â€imines: A Practical and Efficient Approach to Spiro[cyclopropaneâ€1,3â€²â€indolin]â€2â€²â€imines. European Journal of Organic Chemistry, 2019, 2019, 4447-4456.	2.9	17
45	Phenothiazinen-Dimesitylarylborane-Based Thermally Activated Delayed Fluorescence: High-Performance Non-doped OLEDs With Reduced Efficiency Roll-Off at High Luminescence. Frontiers in Chemistry, 2019, 7, 373.	1.8	7
46	Butterfly-shaped Ï€-extended benzothiadiazoles as promising emitting materials for white OLEDs. Journal of Materials Chemistry C, 2019, 7, 6706-6713.	2.7	33
47	Copper-Carbene-Triggered Electrophilic Cyclization of o-Hydroxyarylenaminones with 3-Diazoindolin-2-imines: Synthesis of 3-Indolyl-4H-chromen-4-ones and Pyrido[2,3-b:6,5-bâ€²]diindoles. Journal of Organic Chemistry, 2019, 84, 6395-6404.	1.7	17
48	New Strategy for Ultrasensitive Aptasensor Fabrication: Dâ€“Aâ€“D Constitution as a Charge Transfer Platform and Recognition Element. ACS Applied Materials & Interfaces, 2019, 11, 17894-17901.	4.0	10
49	Palladium-Catalyzed Synthesis of 3-Haloindol-2-amines from 3-Diazoindolin-2-imines and Alkyl Halides. Journal of Organic Chemistry, 2019, 84, 6655-6668.	1.7	9
50	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
51	Upper Excited Triplet State-Mediated Intersystem Crossing for Anti-Kashaâ€™s Fluorescence: Potential Application in Deep-Ultraviolet Sensing. Journal of Physical Chemistry C, 2019, 123, 5761-5766.	1.5	21
52	Rh(III)-Catalyzed Synthesis of 3-Amino-4-arylisoquinolinones from 4-Diazoisochroman-3-imines and N-Methoxybenzamides. Organic Letters, 2019, 21, 1497-1501.	2.4	24
53	Preparation of spiro[imidazolidine-4,3â€²-indolin]-2â€²-imines via copper(<scp>i</scp>)-catalyzed formal [2 + 2 + 1] cycloaddition of 3-diazoindolin-2-imines and triazines. Organic and Biomolecular Chemistry, 2019, 17, 8849-8852.	1.5	21
54	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

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55	Molecular understanding of diphenylether-, 9,9-biphenylfluorene- and tetraphenylsilane-centered wide bandgap host materials for highly efficient blue phosphorescent OLEDs. Dyes and Pigments, 2019, 160, 898-908.	2.0	13
56	Synthesis and Characteristics of Organic Redâ€Emissive Materials Based on Phenanthro[9,10â€d]imidazole. Chemistry - an Asian Journal, 2019, 14, 821-827.	1.7	7
57	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
58	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
59	A copper-catalyzed reaction of 3-diazoindolin-2-imines with 2-(phenylamino)ethanols: convenient access to spiro[indoline-3,2â€²-oxazolidin]-2-imines. Chemical Communications, 2018, 54, 1529-1532.	2.2	27
60	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
61	Synthesis and properties of wide bandgap polymers based on tetraphenylsilane and their applications as hosts in electrophosphorescent devices. New Journal of Chemistry, 2018, 42, 3344-3349.	1.4	12
62	Direct reduction of metal ions based on perylene diimide derivative radical anion as an electron-transfer mediator and potential application in detection of oxidizing metal ions. Sensors and Actuators B: Chemical, 2018, 254, 1141-1147.	4.0	6
63	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
64	Convenient synthesis of 2-amino-3-(arylthio)indoles via the Rh-catalyzed reaction of 3-diazoindol-2-imines with thioesters. Organic and Biomolecular Chemistry, 2018, 16, 439-443.	1.5	18
65	Copper-Catalyzed Syntheses of 3-Allyl-3-arylthioindolin-2-imines and 3-Allenyl-3-arylthioindolin-2-imines from 3-Diazoindolin-2-imines. Journal of Organic Chemistry, 2018, 83, 13956-13964.	1.7	14
66	Expression of anti-Kasha's emission from amino benzothiadiazole and its utilization for fluorescent chemosensors and organic light emitting materials. Journal of Materials Chemistry C, 2018, 6, 7864-7873.	2.7	31
67	Preparation of Cyano-Substituted Tetraphenylethylene Derivatives and Their Applications in Solution-Processable OLEDs. Molecules, 2018, 23, 190.	1.7	5
68	Photo-physical properties of an opto-electronic material based on triphenylamine and diphenylfumaronitrile. Journal of Luminescence, 2018, 204, 327-332.	1.5	9
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	E/Z isomerization, solvatachromism and aggregation-induced emission enhancement of donorâ€“acceptor type oligo(p-phenylene vinylene)s. Faraday Discussions, 2017, 196, 163-176.	1.6	7
71	Efficient Deepâ€Blue Electroluminescence Based on Phenanthroimidazoleâ€Dibenzothiophene Derivatives with Different Oxidation States of the Sulfur Atom. Chemistry - an Asian Journal, 2017, 12, 552-560.	1.7	28
72	The effect of different binding sites on the optical and electronic properties of tetraphenylethylene-substituted thiophene isomers. Journal of Materials Chemistry C, 2017, 5, 2552-2558.	2.7	26

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73	Turning on the solid emission from non-emissive 2-aryl-3-cyanobenzofurans by tethering tetraphenylethene for green electroluminescence. Materials Chemistry Frontiers, 2017, 1, 1858-1865.	3.2	27
74	From 1-Sulfonyl-4-aryl-1,2,3-triazoles to 1-Allenyl-5-aryl-1,2,3-triazoles. Journal of Organic Chemistry, 2017, 82, 5294-5300.	1.7	18
75	Dual fluorescence polymorphs: Wide-range emission from blue to red regulated by TICT and their dynamic electron state behavior under external pressure. Dyes and Pigments, 2017, 145, 294-300.	2.0	19
76	Rh-Catalyzed Annulations of N-Methoxybenzamides and Ketenimines: Sterically and Electronically Controlled Synthesis of Isoquinolinones and Isoindolinones. Journal of Organic Chemistry, 2017, 82, 3787-3797.	1.7	26
77	Rhodium-Catalyzed Cycloadditions between 3-Diazoindolin-2-imines and 1,3-Dienes. Organic Letters, 2017, 19, 1630-1633.	2.4	59
78	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
79	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
80	Synthesis and properties of polymeric host materials constructed by silane-carbazole backbone and electron-affinitive cyanohexyl substituent for blue phosphorescence dopant. Chemical Research in Chinese Universities, 2017, 33, 287-293.	1.3	1
81	Enhanced Sensitivity and Piezochromic Contrast through Singleâ€Direction Extension of Molecular Structure. Chemistry - A European Journal, 2017, 23, 773-777.	1.7	40
82	Electropolymerized AIEâ€active polymer film with high quantum efficiency and its application in OLED. Journal of Polymer Science Part A, 2017, 55, 707-715.	2.5	16
83	4-Diazoisochroman-3-imines: A Class of Metal Carbene Precursors for the Synthesis of Isochromene Derivatives. Journal of Organic Chemistry, 2017, 82, 10953-10959.	1.7	24
84	D-A structured high efficiency solid luminogens with tunable emissions: Molecular design and photophysical properties. Chinese Chemical Letters, 2017, 28, 2133-2138.	4.8	26
85	Preparation of 2-Amino-3-arylindoles via Pd-Catalyzed Coupling between 3-Diazoindolin-2-imines and Arylboronic Acids as well as Their Extension to 3-Aryl-3-fluoroindolin-2-imines. Organic Letters, 2017, 19, 4604-4607.	2.4	29
86	BF₃-Promoted Divergent Reactions between Tryptophols and Propargylic Alcohols. Organic Letters, 2017, 19, 4114-4117.	2.4	27
87	Preparation of Spiro[indene-1,1â€²-isoindolin]-3â€²-ones via Sulfuric Acid-Promoted Cascade Cyclization. Journal of Organic Chemistry, 2017, 82, 8407-8418.	1.7	14
88	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
89	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
90	Bright AIE Nanoparticles with F127 Encapsulation for Deepâ€Tissue Threeâ€Photon Intravital Brain Angiography. Advanced Healthcare Materials, 2017, 6, 1700685.	3.9	61

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91	Preparation of 9,10-diarylphenanthrene derivative and its application in full color emitters synthesis. Chemical Research in Chinese Universities, 2017, 33, 574-580.	1.3	1
92	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
93	TfOH-Catalyzed Reaction between 3-Diazoindolin-2-imines and Electron-Rich Arenes: Access to 3-Aryl-2-aminoindoles. Journal of Organic Chemistry, 2017, 82, 12640-12646.	1.7	13
94	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
95	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
96	Synthesis of 2,3â€Đisubstituted Quinolines via Ketenimine or Carbodiimide Intermediates. Chemistry - A European Journal, 2016, 22, 15144-15150.	1.7	20
97	Electrochemically Organized Isolated Fullerene-Rich Thin Films with Optical Limiting Properties. ACS Applied Materials & Interfaces, 2016, 8, 24295-24299.	4.0	27
98	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
99	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
100	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
101	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
102	Rh-Catalyzed annulations of N-methoxybenzamides with ketenimines: synthesis of 3-aminoisoindolinones and 3-diarylmethyleneisoindolinones with strong aggregation induced emission properties. Chemical Communications, 2016, 52, 10676-10679.	2.2	27
103	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
104	Solution-processed UV light emitting diode based on butyltriphenylsilane modified phenanthro[9,10-d]imidazole with high efficiency. RSC Advances, 2016, 6, 81744-81749.	1.7	8
105	Preparation of 3-Aryl-2-aminoindoles via Rhodium-Catalyzed Coupling Reaction between 2-Arylpyridines and 3-Diazoindolin-2-imines. Journal of Organic Chemistry, 2016, 81, 9433-9437.	1.7	27
106	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
107	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
108	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

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109	Efficient pyrene-imidazole derivatives for organic light-emitting diodes. RSC Advances, 2016, 6, 17239-17245.	1.7	30
110	Unique piezochromic fluorescence behavior of organic crystal of carbazole-substituted CNDSB. Chemical Communications, 2016, 52, 3836-3839.	2.2	131
111	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
112	Copper-Catalyzed Preparation of 2-Aryl-3-cyanobenzofurans with Bright Blue Photoluminescence. Organic Letters, 2016, 18, 728-731.	2.4	16
113	A highly luminescent organic crystal with the well-balanced charge transport property: The role of cyano-substitution in the terminal phenyl unit of distyrylbenzene. Organic Electronics, 2016, 28, 287-293.	1.4	8
114	Preparation of 1,2,5â€Trisubstituted 1Hâ€Imidazoles from Ketenimines and PropÂargÂylic Amines by Silverâ€Catalyzed or Iodineâ€Promoted Electrophilic Cyclization Reaction of Alkynes. European Journal of Organic Chemistry, 2015, 2015, 5789-5797.	1.2	31
115	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
116	Construction of Multifunctional 3-Amino-2-carbamimidoylacrylamides and Their Crystalline Channel-Type Inclusion Complexes. Journal of Organic Chemistry, 2015, 80, 5842-5850.	1.7	9
117	Isomers of Pyreneâ€“Imidazole Compounds: Synthesis and Configuration Effect on Optical Properties. Organic Letters, 2015, 17, 6138-6141.	2.4	47
118	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
119	Copper-catalyzed multi-component synthesis of acrylamidines and benzoimidazoles. Organic Chemistry Frontiers, 2015, 2, 1346-1351.	2.3	12
120	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
121	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
122	Wide bandgap materials design toward tunable bandgap and increased carries injection property: silane interrupting Ï€-conjugation together with peripheralcarbazolyl substituents. RSC Advances, 2015, 5, 21596-21603.	1.7	2
123	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
124	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
125	Rh-Catalyzed Reactions of 3-Diazoindolin-2-imines: Synthesis of Pyridoindoles and Tetrahydrofuropyrroloindoles. Organic Letters, 2015, 17, 4412-4415.	2.4	43
126	The effect of meta coupling on colour purity, quantum yield, and exciton utilizing efficiency in deep-blue emitters from phenanthroimidazole isomers. Physical Chemistry Chemical Physics, 2015, 17, 31894-31901.	1.3	15

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