

Lei Wang

List of Publications by Year in descending order

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149
papers

6,394
citations

46918

47
h-index

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all docs

149
docs citations

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times ranked

6728
citing authors

#	ARTICLE	IF	CITATIONS
1	The selective regulation of borylation site based on one-shot electrophilic C-H borylation reaction, achieving highly efficient narrowband organic light-emitting diodes. <i>Chemical Engineering Journal</i> , 2022, 431, 133221.	6.6	27
2	Efficient exciton regulation for high-performance hybrid white organic light-emitting diodes with superior efficiency/CRI/color stability based on blue aggregation-induced emission fluorophor. <i>Organic Electronics</i> , 2022, 101, 106425.	1.4	2
3	In Situ Quantifying the Physical Parameters Determining the Efficiency of OLEDs Relying on Triplet-Triplet Annihilation Up-Conversion. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	20
4	A Promising Multifunctional Deep-Blue Fluorophor for High-Performance Monochromatic and Hybrid White OLEDs with Superior Efficiency/Color Stability and Low Efficiency Roll-Off. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	11
5	Controlling electron transport towards efficient all-solution-processed quantum dot light emitting diodes. <i>Journal of Materials Chemistry C</i> , 2022, 10, 8373-8380.	2.7	4
6	Subnanometer MoP clusters confined in mesoporous carbon (CMK-3) as superior electrocatalytic sulfur hosts for high-performance lithium-sulfur batteries. <i>Chemical Engineering Journal</i> , 2022, 446, 137050.	6.6	9
7	CsPb(Br/Cl) ₃ Perovskite Nanocrystals with Bright Blue Emission Synergistically Modified by Calcium Halide and Ammonium Ion. <i>Nanomaterials</i> , 2022, 12, 2026.	1.9	5
8	Mononuclear Cu(I) halide complexes with two thiophenyl rings triphosphine: Structure and photophysical properties. <i>Journal of Luminescence</i> , 2022, 250, 119098.	1.5	3
9	High Triplet Energy Hosts for Blue Organic Light-Emitting Diodes. <i>Advanced Functional Materials</i> , 2021, 31, 2008332.	7.8	116
10	Donor engineering for diphenylsulfone derivatives with both thermally activated delayed fluorescence and aggregation-induced emission properties. <i>Dyes and Pigments</i> , 2021, 184, 108781.	2.0	16
11	Exploiting novel electron-deficient moiety 2,5-diazarcarbazole to functionally construct DPA-containing electron transporting materials for highly efficient sky-blue fluorescent OLEDs. <i>Dyes and Pigments</i> , 2021, 185, 108935.	2.0	1
12	Exploiting asymmetric anthracene-based multifunctional materials based on a bulky peripheral modification strategy for constructing simplified efficient deep-blue fluorescent OLEDs. <i>Journal of Materials Chemistry C</i> , 2021, 9, 13392-13401.	2.7	4
13	Largely Color-Tuning Prompt and Delayed Fluorescence: Dinuclear Cu(I) Halide Complexes with <i>tert</i> -Amines and Phosphines. <i>Inorganic Chemistry</i> , 2021, 60, 4841-4851.	1.9	22
14	54 cm ² Large-Area Flexible Organic Solar Modules with Efficiency Above 13%. <i>Advanced Materials</i> , 2021, 33, e2103017.	11.1	96
15	Smoothing the Sodium-Metal Anode with a Self-Regulating Alloy Interface for High-Energy and Sustainable Sodium-Metal Batteries. <i>Advanced Materials</i> , 2021, 33, e2102802.	11.1	50
16	Optimization of carrier transport layer: A simple but effective approach toward achieving high efficiency all-solution processed InP quantum dot light emitting diodes. <i>Organic Electronics</i> , 2021, 96, 106256.	1.4	3
17	Exceptionally efficient deep blue anthracene-based luminogens: design, synthesis, photophysical, and electroluminescent mechanisms. <i>Science Bulletin</i> , 2021, 66, 2090-2098.	4.3	15
18	A periphery cladding strategy to improve the performance of narrowband emitters, achieving deep-blue OLEDs with CIEy ≤ 0.08 and external quantum efficiency approaching 20%. <i>Organic Electronics</i> , 2021, 97, 106275.	1.4	42

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19	Impact of geometric factors of roughness on the dewetting dynamics of a liquid film in the Wenzel state. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 065305.	1.3	2
20	Fusing acridine and benzofuran/benzothiophene as a novel hybrid donor for high-performance and low efficiency roll-off TADF OLEDs. <i>Journal of Materials Chemistry C</i> , 2020, 8, 1864-1870.	2.7	19
21	Modifying the AIE-TADF chromophore with host-substituents to achieve high efficiency and low roll-off non-doped OLEDs. <i>Organic Electronics</i> , 2020, 78, 105602.	1.4	13
22	Efficient TADF-OLEDs with ultra-soluble Copper(I) halide complexes containing non-symmetrically substituted bidentate phosphine and PPh ₃ ligands. <i>Journal of Luminescence</i> , 2020, 220, 116963.	1.5	28
23	Imidazole derivatives for efficient organic light-emitting diodes. <i>Journal of Information Display</i> , 2020, 21, 173-196.	2.1	21
24	Rearranging Low-Dimensional Phase Distribution of Quasi-2D Perovskites for Efficient Sky-Blue Perovskite Light-Emitting Diodes. <i>ACS Nano</i> , 2020, 14, 11420-11430.	7.3	206
25	Molecular engineering of anthracene-based emitters for highly efficient nondoped deep-blue fluorescent OLEDs. <i>Journal of Materials Chemistry C</i> , 2020, 8, 9678-9687.	2.7	28
26	Asymmetric anthracene derivatives as multifunctional electronic materials for constructing simplified and efficient non-doped homogeneous deep blue fluorescent OLEDs. <i>Chemical Engineering Journal</i> , 2020, 393, 124694.	6.6	33
27	From a blue to white to yellow emitter: a hexanuclear copper iodide nanocluster. <i>Dalton Transactions</i> , 2020, 49, 5859-5868.	1.6	30
28	Regulating the photophysical properties of highly twisted TADF emitters by concurrent through-space/-bond charge transfer. <i>Chemical Engineering Journal</i> , 2020, 402, 126173.	6.6	49
29	A strategy to construct multifunctional TADF materials for deep blue and high efficiency yellow fluorescent devices. <i>Journal of Materials Chemistry C</i> , 2020, 8, 4818-4826.	2.7	8
30	Efficient and Spectrally Stable Blue Perovskite Light-Emitting Diodes Based on Potassium Passivated Nanocrystals. <i>Advanced Functional Materials</i> , 2020, 30, 1908760.	7.8	134
31	High-Efficiency Formamidinium Lead Bromide Perovskite Nanocrystal-Based Light-Emitting Diodes Fabricated via a Surface Defect Self-Passivation Strategy. <i>Advanced Optical Materials</i> , 2020, 8, 1901390.	3.6	44
32	Phenothiazine dioxide-containing derivatives as efficient hosts for blue, green and yellow thermally activated delayed fluorescence OLEDs. <i>Journal of Materials Chemistry C</i> , 2020, 8, 3705-3714.	2.7	17
33	Efficient deep-blue thermally activated delayed fluorescence emitters based on diphenylsulfone-derivative acceptor. <i>Dyes and Pigments</i> , 2020, 178, 108367.	2.0	9
34	Organic Electropolymerized Multilayers for Light-Emitting Diodes and Displays. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 20714-20721.	4.0	19
35	Efficient CsPbBr ₃ nanocrystals light emitting diodes achieved with Na ⁺ modifying. <i>Organic Electronics</i> , 2020, 84, 105796.	1.4	7
36	Sodium Ion Modifying In Situ Fabricated CsPbBr ₃ Nanoparticles for Efficient Perovskite Light Emitting Diodes. <i>Advanced Optical Materials</i> , 2019, 7, 1900747.	3.6	59

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37	Syntheses and photoluminescence of copper(<i>scp</i>) halide complexes containing dimethylthiophene bidentate phosphine ligands. <i>New Journal of Chemistry</i> , 2019, 43, 13408-13417.	1.4	24
38	Effects of praseodymium doping on the electrical properties and aging effect of InZnO thin-film transistor. <i>Journal of Materials Science</i> , 2019, 54, 14778-14786.	1.7	22
39	From deep blue to green emitting and ultralong fluorescent copper(i) halide complexes containing dimethylthiophene diphosphine and PPh ₃ ligands. <i>Dalton Transactions</i> , 2019, 48, 11448-11459.	1.6	27
40	Highly efficient TADF OLEDs with low efficiency roll-off based on novel acridine-carbazole hybrid donor-substituted pyrimidine derivatives. <i>Journal of Materials Chemistry C</i> , 2019, 7, 12248-12255.	2.7	40
41	A new strategy to synthesize three-coordinate mononuclear copper(<i>scp</i>) halide complexes containing a bulky terphenyl bidentate phosphine ligand and their luminescent properties. <i>New Journal of Chemistry</i> , 2019, 43, 3390-3399.	1.4	23
42	Nondoped blue fluorescent organic light-emitting diodes based on benzonitrile-anthracene derivative with 10.06% external quantum efficiency and low efficiency roll-off. <i>Journal of Materials Chemistry C</i> , 2019, 7, 1014-1021.	2.7	74
43	Highly efficient yellow nondoped thermally activated delayed fluorescence OLEDs by utilizing energy transfer between dual conformations based on phenothiazine derivatives. <i>Dyes and Pigments</i> , 2019, 170, 107636.	2.0	35
44	Hierarchical heterojunction structures based-on layered Sb ₂ Te ₃ nanoplate@rGO for extended long-term life and high-rate capability of sodium batteries. <i>Applied Materials Today</i> , 2019, 15, 582-589.	2.3	35
45	Integrating TADF luminogens with AIE characteristics using a novel acridine-carbazole hybrid as donor for high-performance and low efficiency roll-off OLEDs. <i>Journal of Materials Chemistry C</i> , 2019, 7, 9487-9495.	2.7	51
46	Boosting the performance of sky-blue fluorescent OLEDs based on DPA-containing electron-transporting materials with a V-shaped layout of triplet energy levels. <i>Materials Chemistry Frontiers</i> , 2019, 3, 812-820.	3.2	7
47	Preparation of efficient quantum dot light-emitting diodes by balancing charge injection and sensitizing emitting layer with phosphorescent dye. <i>Journal of Materials Chemistry C</i> , 2019, 7, 5755-5763.	2.7	43
48	Blue TADF Emitters Based on Indenocarbazole Derivatives with High Photoluminescence and Electroluminescence Efficiencies. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 10758-10767.	4.0	44
49	Spatially controlled synthesis of superlattice-like SnS/nitrogen-doped graphene hybrid nanobelts as high-rate and durable anode materials for sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 27475-27483.	5.2	29
50	Growth mechanism of CsPbBr ₃ perovskite nanocrystals by a co-precipitation method in a CSTR system. <i>Nano Research</i> , 2019, 12, 121-127.	5.8	55
51	Deep red PhOLED from dimeric salophen Platinum(II) complexes. <i>Dyes and Pigments</i> , 2019, 162, 590-598.	2.0	65
52	Molecular engineering of pyrimidine-containing thermally activated delayed fluorescence emitters for highly efficient deep-blue (CIE γ < 0.06) organic light-emitting diodes. <i>Dyes and Pigments</i> , 2018, 155, 51-58.	2.0	35
53	Integrating the Emitter and Host Characteristics of Donor-Acceptor Systems through Edge-Spiro Effect Toward 100% Exciton Harvesting in Blue and White Fluorescence Diodes. <i>Advanced Optical Materials</i> , 2018, 6, 1800165.	3.6	62
54	Few-Layer Antimonene: Anisotropic Expansion and Reversible Crystalline-Phase Evolution Enable Large-Capacity and Long-Life Na-Ion Batteries. <i>ACS Nano</i> , 2018, 12, 1887-1893.	7.3	175

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55	Highly efficient green organic light emitting diodes with phenanthroimidazole-based thermally activated delayed fluorescence emitters. <i>Journal of Materials Chemistry C</i> , 2018, 6, 2379-2386.	2.7	58
56	Efficient deep red phosphorescent OLEDs using 1,2,4-thiadiazole core-based novel bipolar host with low efficiency roll-off. <i>Frontiers of Optoelectronics</i> , 2018, 11, 375-384.	1.9	12
57	Highly efficient non-doped OLEDs using aggregation-induced delayed fluorescence materials based on 10-phenyl-10H-phenothiazine 5,5-dioxide derivatives. <i>Journal of Materials Chemistry C</i> , 2018, 6, 11436-11443.	2.7	59
58	Radical-Based Organic Light-Emitting Diodes with Maximum External Quantum Efficiency of 10.6%. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 6644-6648.	2.1	30
59	Sn-C bonding riveted SnSe nanoplates vertically grown on nitrogen-doped carbon nanobelts for high-performance sodium-ion battery anodes. <i>Nano Energy</i> , 2018, 54, 322-330.	8.2	152
60	Manipulating the positions of CH ₂ N in acceptors of pyrimidine-pyridine hybrids for highly efficient sky-blue thermally activated delayed fluorescent OLEDs. <i>Materials Chemistry Frontiers</i> , 2018, 2, 2054-2062.	3.2	26
61	New multifunctional aggregation-induced emission fluorophores for reversible piezofluorochromic and nondoped sky-blue organic light-emitting diodes. <i>Dyes and Pigments</i> , 2018, 158, 204-212.	2.0	22
62	Efficient pure green light-emitting diodes based on formamidinium lead bromide perovskite nanocrystals. <i>Organic Electronics</i> , 2018, 60, 64-70.	1.4	10
63	Near-saturated red emitters: four-coordinate copper(I) halide complexes containing 8-(diphenylphosphino)quinoline and 1-(diphenylphosphino)naphthalene ligands. <i>Dalton Transactions</i> , 2018, 47, 9294-9302.	1.6	25
64	24.1% External Quantum Efficiency of Flexible Quantum Dot Light-Emitting Diodes by Light Extraction of Silver Nanowire Transparent Electrodes. <i>Advanced Optical Materials</i> , 2018, 6, 1800347.	3.6	51
65	All-Solution-Processed Quantum Dot Light Emitting Diodes Based on Double Hole Transport Layers by Hot Spin-Coating with Highly Efficient and Low Turn-On Voltage. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 29076-29082.	4.0	73
66	To improve the efficiency of thermally activated delayed fluorescence OLEDs by controlling the horizontal orientation through optimizing stereoscopic and linear structures of indolocarbazole isomers. <i>Journal of Materials Chemistry C</i> , 2018, 6, 5812-5820.	2.7	49
67	Highly twisted bipolar emitter for efficient nondoped deep-blue electroluminescence. <i>Dyes and Pigments</i> , 2017, 140, 328-336.	2.0	48
68	Towards highly efficient thermally activated delayed fluorescence devices through a trap-assisted recombination mechanism and reduced interfacial exciton annihilation. <i>Journal of Materials Chemistry C</i> , 2017, 5, 4636-4644.	2.7	11
69	Polyethylenimine Insulativity-Dominant Charge-Injection Balance for Highly Efficient Inverted Quantum Dot Light-Emitting Diodes. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 20231-20238.	4.0	105
70	Synthesis of Hierarchically Structured Hybrid Materials by Controlled Self-Assembly of Metal-Organic Framework with Mesoporous Silica for CO ₂ Adsorption. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 23060-23071.	4.0	105
71	Manipulation of exciton distribution for high-performance fluorescent/phosphorescent hybrid white organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2017, 5, 7668-7683.	2.7	95
72	New platinum(II) one-armed Schiff base complexes for blue and orange PHOLEDs applications. <i>Organic Electronics</i> , 2017, 42, 153-162.	1.4	39

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73	Two spiro[fluorene-9,8- $\text{indolo}[3,2,1\text{-de}]$ acridine] derivatives as host materials for green phosphorescent organic light-emitting diodes. <i>Thin Solid Films</i> , 2017, 642, 96-102.	0.8	1
74	Coaxial-structured Weavable and Wearable Electroluminescent Fibers. <i>Advanced Electronic Materials</i> , 2017, 3, 1700401.	2.6	63
75	Doping-free tandem white organic light-emitting diodes. <i>Science Bulletin</i> , 2017, 62, 1193-1200.	4.3	37
76	Deep-red organic light-emitting diodes with stable electroluminescent spectra based on zinc complex host material. <i>RSC Advances</i> , 2017, 7, 40533-40538.	1.7	9
77	The application of axisymmetric lattice Boltzmann two-phase model on simulations of liquid film dewetting. <i>Journal of Applied Physics</i> , 2017, 122, 085305.	1.1	5
78	Optimized electron-transport material based on m-terphenyl-diphenylphosphine oxide with the harmonious compatibility of high E_{T} and electron mobility for highly efficient OLEDs. <i>Journal of Materials Chemistry C</i> , 2017, 5, 8516-8526.	2.7	31
79	Freestanding Nanoengineered [001] Preferentially Oriented TiO_2 Nanosheets~Graphene Planarly Aligned Nanohybrids with Enhanced Li-storage Properties. <i>ChemElectroChem</i> , 2017, 4, 2819-2825.	1.7	9
80	Efficient and high colour-purity green-light polymer light-emitting diodes (PLEDs) based on a PVK-supported Tb^{3+} -containing metallopolymer. <i>Journal of Materials Chemistry C</i> , 2017, 5, 9021-9027.	2.7	21
81	Constructing diazacarbazole-bicarbazole bipolar hybrids by optimizing the linker group for high efficiency, low roll off electrophosphorescent devices. <i>Dyes and Pigments</i> , 2017, 136, 54-62.	2.0	11
82	Manipulation of Charge and Exciton Distribution Based on Blue Aggregation-induced Emission Fluorophors: A Novel Concept to Achieve High-performance Hybrid White Organic Light-emitting Diodes. <i>Advanced Functional Materials</i> , 2016, 26, 776-783.	7.8	194
83	Crumpled N-doped carbon nanotubes encapsulated with peapod-like Ge nanoparticles for high-rate and long-life Li-ion battery anodes. <i>Journal of Materials Chemistry A</i> , 2016, 4, 7585-7590.	5.2	44
84	Tuning electron injection/transporting properties of 9,10-diphenylanthracene based electron transporters via optimizing the number of peripheral pyridine for highly efficient fluorescent OLEDs. <i>Organic Electronics</i> , 2016, 34, 179-187.	1.4	19
85	Influence of the D/A ratio of 1,3,5-triphenylbenzene based starburst host materials on blue electrophosphorescent devices: a comparative study. <i>RSC Advances</i> , 2016, 6, 46775-46784.	1.7	6
86	Design, synthesis, characterization and application of a novel electron-deficient moiety 1,5-diazacarbazole in high triplet energy host materials. <i>Journal of Materials Chemistry C</i> , 2016, 4, 5222-5230.	2.7	23
87	Bipolar phenanthroimidazole-diazacarbazole hybrids with appropriate bandgaps for highly efficient and low roll-off red, green and blue electroluminescent devices. <i>Journal of Materials Chemistry C</i> , 2016, 4, 8473-8482.	2.7	69
88	Highly efficient blue-green neutral dinuclear copper(I) halide complexes containing bidentate phosphine ligands. <i>Journal of Luminescence</i> , 2016, 180, 64-72.	1.5	45
89	Architectural Engineering of Nanowire Network Fine Pattern for 30 μm Wide Flexible Quantum Dot Light-Emitting Diode Application. <i>ACS Nano</i> , 2016, 10, 10023-10030.	7.3	62
90	A new way towards high-efficiency thermally activated delayed fluorescence devices via external heavy-atom effect. <i>Scientific Reports</i> , 2016, 6, 30178.	1.6	38

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91	Hydrogenated V ₂ O ₅ Nanosheets for Superior Lithium Storage Properties. <i>Advanced Functional Materials</i> , 2016, 26, 784-791.	7.8	149
92	Electrochemistry and Electrogenerated Chemiluminescence of 1,3,5-Tri(anthracen-10-yl)-benzene-Centered Starburst Oligofluorenes. <i>Journal of the American Chemical Society</i> , 2016, 138, 1947-1954.	6.6	48
93	Improved performance of inverted quantum dots light emitting devices by introducing double hole transport layers. <i>Organic Electronics</i> , 2016, 31, 82-89.	1.4	59
94	Comparative study of using different alkali metal alkylcarboxylates as electron injection materials in OLEDs. <i>Journal of Materials Chemistry C</i> , 2015, 3, 6916-6923.	2.7	3
95	Bamboo leaf derived ultrafine Si nanoparticles and Si/C nanocomposites for high-performance Li-ion battery anodes. <i>Nanoscale</i> , 2015, 7, 13840-13847.	2.8	105
96	Efficient single-emitting layer hybrid white organic light-emitting diodes with low efficiency roll-off, stable color and extremely high luminance. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 30, 85-91.	2.9	20
97	Efficient blue organic light-emitting diodes based on triphenylimidazole substituted anthracene derivatives. <i>Organic Electronics</i> , 2015, 21, 9-18.	1.4	32
98	Pyridine-containing phenanthroimidazole electron-transport materials with electron mobility/energy-level trade-off optimization for highly efficient and low roll-off sky blue fluorescent OLEDs. <i>Journal of Materials Chemistry C</i> , 2015, 3, 7709-7719.	2.7	38
99	Benzimidazole-phosphine oxide hybrid electron transporters for unilateral homogeneous phosphorescent organic light-emitting diodes with enhanced power efficiency. <i>Journal of Materials Chemistry C</i> , 2015, 3, 11192-11201.	2.7	37
100	Multicolor Emissions by the Synergism of Intra/Intermolecular Slipped π - π Stackings of Tetraphenylethylene-DiBODIPY Conjugate. <i>Chemistry of Materials</i> , 2015, 27, 7812-7819.	3.2	58
101	Construction of thermally stable 3,6-disubstituted spiro-fluorene derivatives as host materials for blue phosphorescent organic light-emitting diodes. <i>Dyes and Pigments</i> , 2015, 114, 222-230.	2.0	18
102	Toward high efficiency green phosphorescent organic light-emitting diodes by fine tuning the charge transporting properties of 1,2,4-thiadiazole based hosts. <i>Organic Electronics</i> , 2015, 16, 177-185.	1.4	10
103	Synthesis and photoelectric properties of new Dawson-type polyoxometalate-based dimeric and oligomeric Pt(II)-acetylide inorganic-organic hybrids. <i>Dalton Transactions</i> , 2015, 44, 306-315.	1.6	6
104	Simplified hybrid white organic light-emitting diodes with efficiency/efficiency roll-off/color rendering index/color-stability trade-off. <i>Physica Status Solidi - Rapid Research Letters</i> , 2014, 8, 719-723.	1.2	14
105	A simple carbazole-N-benzimidazole bipolar host material for highly efficient blue and single layer white phosphorescent organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2014, 2, 2466-2469.	2.7	105
106	Very-High Color Rendering Index Hybrid White Organic Light-Emitting Diodes with Double Emitting Nanolayers. <i>Nano-Micro Letters</i> , 2014, 6, 335-339.	14.4	34
107	Systematic study of TCTA-based star-shaped host materials by optimizing ratio of carbazole/diphenylphosphine oxide: achieving both low efficiency roll-off and turn-on voltage for blue PHOLEDs. <i>Journal of Materials Chemistry C</i> , 2014, 2, 7428-7435.	2.7	37
108	Constructing New n-Type, Ambipolar, and p-Type Aggregation-Induced Blue Luminogens by Gradually Tuning the Proportion of Tetraphenylethene and Diphenylphosphine Oxide. <i>Journal of Physical Chemistry C</i> , 2014, 118, 8610-8616.	1.5	27

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109	Tetraphenylethene-decorated carbazoles: synthesis, aggregation-induced emission, photo-oxidation and electroluminescence. <i>Journal of Materials Chemistry C</i> , 2014, 2, 7001-7012.	2.7	53
110	Simultaneous achievement of low efficiency roll-off and stable color in highly efficient single-emitting-layer phosphorescent white organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2014, 2, 5870-5877.	2.7	23
111	Construction of High Tg Bipolar Host Materials with Balanced Electron-Hole Mobility Based on 1,2,4-Thiadiazole for Phosphorescent Organic Light-Emitting Diodes. <i>Chemistry of Materials</i> , 2014, 26, 2388-2395.	3.2	71
112	Synthesis, characterization, physical properties, and blue electroluminescent device applications of phenanthroimidazole derivatives containing anthracene or pyrene moiety. <i>Dyes and Pigments</i> , 2014, 101, 93-102.	2.0	82
113	Optimizing the conjugation between N,N'-dicarbazolyl-3,5-benzene and triphenylphosphine oxide as bipolar hybrids for highly efficient blue and single emissive layer white phosphorescent OLEDs. <i>Organic Electronics</i> , 2013, 14, 2573-2581.	1.4	14
114	Controllably tunable phenanthroimidazole-carbazole hybrid bipolar host materials for efficient green electrophosphorescent devices. <i>Journal of Materials Chemistry C</i> , 2013, 1, 5899.	2.7	86
115	Construction of deep-blue AIE luminogens with TPE and oxadiazole units. <i>Science China Chemistry</i> , 2013, 56, 1213-1220.	4.2	20
116	Investigation on spacers and structures: A simple but effective approach toward high-performance hybrid white organic light emitting diodes. <i>Synthetic Metals</i> , 2013, 184, 5-9.	2.1	16
117	A simple unilateral homogenous PhOLEDs with enhanced efficiency and reduced efficiency roll-off. <i>Frontiers of Optoelectronics</i> , 2013, 6, 435-439.	1.9	2
118	Enhancing the electronic coupling in a cyclometalated bisruthenium complex by using the 1,3,6,8-tetra(pyridin-2-yl)carbazole bridge. <i>Dalton Transactions</i> , 2013, 42, 5611.	1.6	15
119	Simple Bipolar Hosts with High Glass Transition Temperatures Based on 1,8-Disubstituted Carbazole for Efficient Blue and Green Electrophosphorescent Devices with Ideal Turn-on Voltage. <i>Chemistry - A European Journal</i> , 2013, 19, 1828-1834.	1.7	52
120	Scheme for contact angle and its hysteresis in a multiphase lattice Boltzmann method. <i>Physical Review E</i> , 2013, 87, 013301.	0.8	61
121	HIGHLY EFFICIENT BLUE ELECTROLUMINESCENCE BASED ON AGGREGATION INDUCED EMISSION MATERIAL AS THE HOST. <i>Journal of Molecular and Engineering Materials</i> , 2013, 01, 1340012.	0.9	0
122	High efficiency blue phosphorescent organic light-emitting diodes with a multiple quantum well structure for reduced efficiency roll-off. <i>Optics Express</i> , 2012, 20, 24411.	1.7	21
123	Butterfly-Shaped Tetrasubstituted Carbazole Derivatives as a New Class of Hosts for Highly Efficient Solution-Processable Green Phosphorescent Organic Light-Emitting Diodes. <i>Organic Letters</i> , 2012, 14, 4786-4789.	2.4	52
124	Anionic conjugated polyelectrolyte-wetting properties with an emission layer and free ion migration when serving as a cathode interface layer in polymer light emitting diodes (PLEDs). <i>Journal of Materials Chemistry</i> , 2012, 22, 15490.	6.7	33
125	Benzimidazole-carbazole-based bipolar hosts for high efficiency blue and white electrophosphorescence applications. <i>Journal of Materials Chemistry</i> , 2012, 22, 13223.	6.7	58
126	Novel electron-type host material for unilateral homogeneous phosphorescent organic light-emitting diodes with low efficiency roll-off. <i>Journal of Materials Chemistry</i> , 2012, 22, 23129.	6.7	12

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127	Modified 4,4'-bis(9-phenyl-9H-fluorene)-2,2'-biphenyl-Tri(N-carbazolyl)triphenylamine as a Versatile Bipolar Host for Highly Efficient Blue, Orange, and White Organic Light-Emitting Diodes. <i>Journal of Physical Chemistry C</i> , 2012, 116, 15041-15047.	1.5	45
128	Bipolar AIE-active luminogens comprised of an oxadiazole core and terminal TPE moieties as a new type of host for doped electroluminescence. <i>Chemical Communications</i> , 2012, 48, 9586.	2.2	80
129	New tetraphenylethene-based efficient blue luminophors: aggregation induced emission and partially controllable emitting color. <i>Journal of Materials Chemistry</i> , 2012, 22, 2478-2484.	6.7	162
130	Efficient nondoped blue organic light-emitting diodes based on phenanthroimidazole-substituted anthracene derivatives. <i>Organic Electronics</i> , 2012, 13, 3050-3059.	1.4	63
131	Simple Phenanthroimidazole/Carbazole Hybrid Bipolar Host Materials for Highly Efficient Green and Yellow Phosphorescent Organic Light-Emitting Diodes. <i>Journal of Physical Chemistry C</i> , 2012, 116, 19458-19466.	1.5	124
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