Yue Wang

List of Publications by Citations

157	7,682	50	83
papers	citations	h-index	g-index
170	9,215	8.6	6.37
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
157	Pi-conjugated aromatic enynes as a single-emitting component for white electroluminescence. *Journal of the American Chemical Society*, **2006**, 128, 5592-3	16.4	431
156	Highly Efficient Near-Infrared Delayed Fluorescence Organic Light Emitting Diodes Using a Phenanthrene-Based Charge-Transfer Compound. *Angewandte Chemie - International Edition*, **2015**, 54, 13068-72	16.4	369
155	Four-coordinate organoboron compounds for organic light-emitting diodes (OLEDs). *Chemical Society Reviews*, **2013**, 42, 8416-33	58.5	367
154	Organic polymorphs: one-compound-based crystals with molecular-conformation- and packing-dependent luminescent properties. *Advanced Materials*, **2014**, 26, 6168-73	24	224
153	Deep-Red to Near-Infrared Thermally Activated Delayed Fluorescence in Organic Solid Films and Electroluminescent Devices. *Angewandte Chemie - International Edition*, **2017**, 56, 11525-11529	16.4	218
152	Multi-Stimuli-Responsive Fluorescence Switching of a Donor–Acceptor Conjugated Compound. *Journal of Physical Chemistry Letters*, **2011**, 2, 666-670	6.4	216
151	Induction of Strong Long-Lived Room-Temperature Phosphorescence of N-Phenyl-2-naphthylamine Molecules by Confinement in a Crystalline Dibromobiphenyl Matrix. *Angewandte Chemie - International Edition*, **2016**, 55, 15589-15593	16.4	201
150	Luminescent chromism of boron diketonate crystals: distinct responses to different stresses. *Advanced Materials*, **2015**, 27, 2918-22	24	195
149	Terminal stacking determines three-dimensional molecular packing and isotropic charge transport in an A–A electron acceptor for non-fullerene organic solar cells. *Journal of Materials Chemistry C*, **2017**, 5, 4852-4857	7.1	158
148	Highly Elastic Organic Crystals for Flexible Optical Waveguides. *Angewandte Chemie - International Edition*, **2018**, 57, 8448-8452	16.4	133
147	Highly Efficient Long-Wavelength Thermally Activated Delayed Fluorescence OLEDs Based on Dicyanopyrazino Phenanthrene Derivatives. *ACS Applied Materials & Interfaces*, **2017**, 9, 9892-9901	9.5	128
146	Nitrile-Substituted QA Derivatives: New Acceptor Materials for Solution-Processable Organic Bulk Heterojunction Solar Cells. *Advanced Energy Materials*, **2011**, 1, 431-439	21.8	128
145	High-Performance Red, Green, and Blue Electroluminescent Devices Based on Blue Emitters with Small Singlet–Triplet Splitting and Ambipolar Transport Property. *Advanced Functional Materials*, **2013**, 23, 2672-2680	15.6	127
144	Organic Crystals with Near-Infrared Amplified Spontaneous Emissions Based on 2′-Hydroxychalcone Derivatives: Subtle Structure Modification but Great Property Change. *Angewandte Chemie - International Edition*, **2015**, 54, 8369-73	16.4	118
143	Elastic Self-Doping Organic Single Crystals Exhibiting Flexible Optical Waveguide and Amplified Spontaneous Emission. *Advanced Materials*, **2018**, 30, e1800814	24	115
142	Amidinate-ligated iridium(III) bis(2-pyridyl)phenyl complex as an excellent phosphorescent material for electroluminescence devices. *Chemical Communications*, **2009**, 3699-701	5.8	109
141	D–A triarylboron compounds with tunable push-pull character achieved by modification of both the donor and acceptor moieties. *Chemistry - A European Journal*, **2015**, 21, 177-90	4.8	105

140	Highly efficient white organic electroluminescence device based on a phosphorescent orange material doped in a blue host emitter. *Journal of Materials Chemistry*, **2011**, 21, 3551		101
139	Construction of full-color-tunable and strongly emissive materials by functionalizing a boron-chelate four-ring-fused π-conjugated core. *Journal of Materials Chemistry*, **2012**, 22, 4319-4328		95
138	Multicolor fluorescence and electroluminescence of an ICT-type organic solid tuned by modulating the accepting nature of the central core. *Chemical Science*, **2013**, 4, 3288	9.4	95
137	Constructing Charge-Transfer Excited States Based on Frontier Molecular Orbital Engineering: Narrowband Green Electroluminescence with High Color Purity and Efficiency. *Angewandte Chemie - International Edition*, **2020**, 59, 17442-17446	16.4	90
136	Very High Efficiency Orange-Red Light-Emitting Devices with Low Roll-Off at High Luminance Based on an Ideal Host–Guest System Consisting of Two Novel Phosphorescent Iridium Complexes with Bipolar Transport. *Advanced Functional Materials*, **2014**, 24, 7420-7426	15.6	90
135	Phenanthroimidazole-derivative semiconductors as functional layer in high performance OLEDs. *New Journal of Chemistry*, **2011**, 35, 1534	3.6	85
134	Luminescent boron-contained ladder-type pi-conjugated compounds. *Inorganic Chemistry*, **2009**, 48, 7230-6	5.1	82
133	Molecular-Structure and Device-Configuration Optimizations toward Highly Efficient Green Electroluminescence with Narrowband Emission and High Color Purity. *Advanced Optical Materials*, **2020**, 8, 1902142	8.1	81
132	High performance full color OLEDs based on a class of molecules with dual carrier transport channels and small singlet-triplet splitting. *Chemical Communications*, **2015**, 51, 10632-5	5.8	79
131	A novel tetraphenylsilane–phenanthroimidazole hybrid host material for highly efficient blue fluorescent, green and red phosphorescent OLEDs. *Journal of Materials Chemistry C*, **2015**, 3, 4394-4401	7.1	77
130	Novel Emitting System Based on a Multifunctional Bipolar Phosphor: An Effective Approach for Highly Efficient Warm-White Light-Emitting Devices with High Color-Rendering Index at High Luminance. *Advanced Materials*, **2016**, 28, 5963-8	24	77
129	Very high-efficiency red-electroluminescence devices based on an amidinate-ligated phosphorescent iridium complex. *Journal of Materials Chemistry*, **2009**, 19, 8072		76
128	High-performance blue electroluminescent devices based on hydroxyphenyl-pyridine beryllium complex. *Applied Physics Letters*, **2001**, 78, 2300-2302	3.4	75
127	Controllably realizing elastic/plastic bending based on a room-temperature phosphorescent waveguiding organic crystal. *Chemical Science*, **2019**, 10, 227-232	9.4	74
126	Synthesis, structures, and luminescent properties of phenol-pyridyl boron complexes. *Inorganic Chemistry*, **2006**, 45, 2788-94	5.1	71
125	Efficient deep-blue OLEDs based on phenanthro[9,10-d]imidazole-containing emitters with AIE and bipolar transporting properties. *Journal of Materials Chemistry C*, **2016**, 4, 10120-10129	7.1	68
124	Novel Blue Bipolar Thermally Activated Delayed Fluorescence Material as Host Emitter for High-Efficiency Hybrid Warm-White OLEDs with Stable High Color-Rendering Index. *Advanced Functional Materials*, **2018**, 28, 1707002	15.6	66
123	Highly efficient phosphorescent OLEDs with host-independent and concentration-insensitive properties based on a bipolar iridium complex. *Journal of Materials Chemistry C*, **2013**, 1, 2920	7.1	66

122	Assembly of One-Dimensional Organic Luminescent Nanowires Based on Quinacridone Derivatives. *Journal of Physical Chemistry C*, **2007**, 111, 9177-9183	3.8	66
121	New multifunctional phenanthroimidazole–phosphine oxide hybrids for high-performance red, green and blue electroluminescent devices. *Journal of Materials Chemistry C*, **2014**, 2, 6817-6826	7.1	65
120	Brightly fluorescent red organic solids bearing boron-bridged π-conjugated skeletons. *Journal of Materials Chemistry*, **2011**, 21, 15298		65
119	Hydroxyphenyl-pyridine Beryllium Complex (Bepp2) as a Blue Electroluminescent Material. *Chemistry of Materials*, **2000**, 12, 2672-2675	9.6	65
118	Red-Emissive Organic Crystals of a Single-Benzene Molecule: Elastically Bendable and Flexible Optical Waveguide. *Journal of Physical Chemistry Letters*, **2019**, 10, 1437-1442	6.4	64
117	Improving the Efficiency of Red Thermally Activated Delayed Fluorescence Organic Light-Emitting Diode by Rational Isomer Engineering. *Advanced Functional Materials*, **2020**, 30, 2002681	15.6	62
116	Fac-Alq3 and mer-Alq3 nano/microcrystals with different emission and charge-transporting properties. *Advanced Materials*, **2010**, 22, 1631-4	24	62
115	X-ray Crystal Structure of Gallium Tris- (8-hydroxyquinoline): Intermolecular π-stacking Interactions in the Solid State. *Chemistry of Materials*, **1999**, 11, 530-532	9.6	62
114	2-(2-Hydroxyphenyl)benzimidazole-based four-coordinate boron-containing materials with highly efficient deep-blue photoluminescence and electroluminescence. *Inorganic Chemistry*, **2015**, 54, 2652-9	5.1	61
113	Boron-bridged π-conjugated ladders as efficient electron-transporting emitters. *Inorganic Chemistry*, **2011**, 50, 4825-31	5.1	61
112	Single-Molecule-based White-Light Emissive Organic Solids with Molecular-Packing-Dependent Thermally Activated Delayed Fluorescence. *Journal of Physical Chemistry Letters*, **2017**, 8, 4808-4813	6.4	57
111	Highly Efficient Electroluminescence from Narrowband Green Circularly Polarized Multiple Resonance Thermally Activated Delayed Fluorescence Enantiomers. *Advanced Materials*, **2021**, 33, e2100652	24	57
110	Highly Efficient Near-Infrared Delayed Fluorescence Organic Light Emitting Diodes Using a Phenanthrene-Based Charge-Transfer Compound. *Angewandte Chemie*, **2015**, 127, 13260-13264	3.6	55
109	Diboron-containing fluorophores with extended ladder-type π-conjugated skeletons. *Dalton Transactions*, **2011**, 40, 1279-85	4.3	52
108	Two-Dimensional Organic Single Crystals with Scale Regulated, Phase-Switchable, Polymorphism-Dependent, and Amplified Spontaneous Emission Properties. *Journal of Physical Chemistry Letters*, **2016**, 7, 1697-702	6.4	52
107	Efficient Red-Emissive Organic Crystals with Amplified Spontaneous Emissions Based on a Single Benzene Framework. *Angewandte Chemie - International Edition*, **2017**, 56, 12543-12547	16.4	50
106	A water-soluble metallophthalocyanine derivative as a cathode interlayer for highly efficient polymer solar cells. *Journal of Materials Chemistry A*, **2014**, 2, 12484-12491	13	49
105	A phosphorescent material with high and balanced carrier mobility for efficient OLEDs. *Chemical Communications*, **2011**, 47, 3150-2	5.8	47

104	Rational Design and Characterization of Heteroleptic Phosphorescent Complexes for Highly Efficient Deep-Red Organic Light-Emitting Devices. *ACS Applied Materials & Interfaces*, **2017**, 9, 11749-11758	8.5	46
103	ESIPT-active organic compounds with white luminescence based on crystallization-induced keto emission (CIKE). *Chemical Communications*, **2017**, 53, 7832-7835	5.8	45
102	Supramolecular Structure-Dependent Thermally-Activated Delayed Fluorescence (TADF) Properties of Organic Polymorphs. *Journal of Physical Chemistry C*, **2016**, 120, 19759-19767	3.8	45
101	Construction of Efficient Deep-Red/Near-Infrared Emitter Based on a Large □Conjugated Acceptor and Delayed Fluorescence OLEDs with External Quantum Efficiency of over 20%. *Journal of Physical Chemistry C*, **2019**, 123, 18585-18592	3.8	44
100	A novel bipolar phosphorescent host for highly efficient deep-red OLEDs at a wide luminance range of 1000-10 000 cd m(-2). *Chemical Communications*, **2015**, 51, 12544-7	5.8	43
99	Quinacridone-based □conjugated electronic materials. *Journal of Materials Chemistry C*, **2016**, 4, 9918-9936	7.1	42
98	Single-benzene solid emitters with lasing properties based on aggregation-induced emissions. *Chemical Communications*, **2016**, 52, 6577-80	5.8	42
97	Purely Organic Phosphorescence Emitter-Based Efficient Electroluminescence Devices. *Journal of Physical Chemistry Letters*, **2019**, 10, 5983-5988	6.4	40
96	Dicyanomethylenated Acridone Based Crystals: Torsional Vibration Confinement Induced Emission with Supramolecular Structure Dependent and Stimuli Responsive Characteristics. *Journal of Physical Chemistry C*, **2016**, 120, 587-597	3.8	40
95	Deep-Red to Near-Infrared Thermally Activated Delayed Fluorescence in Organic Solid Films and Electroluminescent Devices. *Angewandte Chemie*, **2017**, 129, 11683-11687	3.6	40
94	Rational design and characterization of heteroleptic phosphorescent iridium(III) complexes for highly efficient deep-blue OLEDs. *Journal of Materials Chemistry C*, **2016**, 4, 10246-10252	7.1	39
93	Alkyl chain length dependent morphology and emission properties of the organic micromaterials based on fluorinated quinacridone derivatives. *Langmuir*, **2009**, 25, 3264-70	4	38
92	A TADF Emitter Featuring Linearly Arranged Spiro-Donor and Spiro-Acceptor Groups: Efficient Nondoped and Doped Deep-Blue OLEDs with CIE . *Angewandte Chemie - International Edition*, **2021**, 60, 9598-9603	16.4	38
91	Structurally simple non-doped sky-blue OLEDs with high luminance and efficiencies at low driving voltages. *Journal of Materials Chemistry C*, **2017**, 5, 1973-1980	7.1	36
90	Highly Efficient Phosphorescent Furo[3,2-c]pyridine Based Iridium Complexes with Tunable Emission Colors over the Whole Visible Range. *ACS Applied Materials & Interfaces*, **2018**, 10, 1888-1896	9.5	36
89	Red emissive diarylboron diketonate crystals: aggregation-induced color change and amplified spontaneous emission. *Journal of Materials Chemistry C*, **2015**, 3, 499-505	7.1	35
88	Highly efficient polymer solar cells based on a universal cathode interlayer composed of metallophthalocyanine derivative with good film-forming property. *Journal of Materials Chemistry A*, **2015**, 3, 4547-4554	13	34
87	A dibenzo[a,c]phenazine-11,12-dicarbonitrile (DBPzDCN) acceptor based thermally activated delayed fluorescent compound for efficient near-infrared electroluminescent devices. *Journal of Materials Chemistry C*, **2018**, 6, 6698-6704	7.1	34

86	Nonsymmetrical Connection of Two Identical Building Blocks: Constructing Donor-Acceptor Molecules as Deep Blue Emitting Materials for Efficient Organic Emitting Diodes. *Journal of Physical Chemistry Letters*, **2019**, 10, 842-847	6.4	33
85	Insights into the working mechanism of cathode interlayers in polymer solar cells via [(C8H17)4N]4[SiW12O40]. *Journal of Materials Chemistry A*, **2016**, 4, 19189-19196	13	33
84	Luminescent Dendrimers Composed of Quinacridone Core and Carbazole Dendrons: Structure, Electrochemical, and Photophysical Properties. *Journal of Physical Chemistry C*, **2012**, 116, 17796-17806	3.8	33
83	Constructing Full-Color Highly Emissive Organic Solids Based on an X-Shaped Tetrasubstituted Benzene Skeleton. *Journal of Physical Chemistry C*, **2018**, 122, 10510-10518	3.8	32
82	Exciplex-Based Electroluminescence: Over 21% External Quantum Efficiency and Approaching 100 lm/W Power Efficiency. *Journal of Physical Chemistry Letters*, **2019**, 10, 2811-2816	6.4	31
81	Two Host-Dopant Emitting Systems Realizing Four-Color Emission: A Simple and Effective Strategy for Highly Efficient Warm-White Organic Light-Emitting Diodes with High Color-Rendering Index at High Luminance. *ACS Applied Materials & Interfaces*, **2016**, 8, 11221-5	9.5	31
80	A luminescent benzothiadiazole-bridging bis(salicylaldiminato)zinc(ii) complex with mechanochromic and organogelation properties. *Dalton Transactions*, **2018**, 47, 6146-6155	4.3	29
79	Pentaphenylphenyl substituted quinacridone exhibiting intensive emission in both solution and solid state. *Journal of Materials Chemistry C*, **2013**, 1, 410-413	7.1	29
78	High Performance Small-Molecule Cathode Interlayer Materials with D-A-D Conjugated Central Skeletons and Side Flexible Alcohol/Water-Soluble Groups for Polymer Solar Cells. *ACS Applied Materials & Interfaces*, **2016**, 8, 32823-32832	9.5	28
77	Fabrication of well-ordered porous array mounted with gold nanoparticles and enhanced sensing properties for mixed potential-type zirconia-based NH3 sensor. *Sensors and Actuators B: Chemical*, **2017**, 243, 1083-1091	8.5	27
76	Solution processable quinacridone based materials as acceptor for organic heterojunction solar cells. *Solar Energy Materials and Solar Cells*, **2011**, 95, 2670-2676	6.4	25
75	Reversible Crystal-to-Crystal Phase Transitions with High-Contrast Luminescent Alterations for a Thermally Activated Delayed Fluorescence Emitter. *Advanced Functional Materials*, **2021**, 31, 2007511	15.6	25
74	Carbazolyl-contained phenol-pyridyl boron complexes: syntheses, structures, photoluminescent and electroluminescent properties. *Dalton Transactions*, **2010**, 39, 5123-9	4.3	24
73	Achieving Efficient Blue Delayed Electrofluorescence by Shielding Acceptors with Carbazole Units. *ACS Applied Materials & Interfaces*, **2019**, 11, 28096-28105	9.5	23
72	Non-doped luminescent material based organic light-emitting devices displaying high brightness under very low driving voltage. *Journal of Materials Chemistry C*, **2016**, 4, 7013-7019	7.1	22
71	High-resolution triple-color patterns based on the liquid behavior of organic molecules. *Small*, **2011**, 7, 1403-6	11	22
70	A rapid-response room-temperature planar type gas sensor based on DPA-Ph-DBPzDCN for the sensitive detection of NH3. *Journal of Materials Chemistry A*, **2019**, 7, 4744-4750	13	21
69	Diboron complexes with bis-spiro structures as high-performance blue emitters for OLEDs. *Dalton Transactions*, **2015**, 44, 14436-43	4.3	21

68	N-type cathode interlayer based on dicyanomethylenated quinacridone derivative for high-performance polymer solar cells. *Journal of Materials Chemistry A*, **2016**, 4, 2169-2177	13	21
67	High-efficiency non-doped deep-blue fluorescent organic light-emitting diodes based on carbazole/phenanthroimidazole derivatives. *Journal of Materials Chemistry C*, **2020**, 8, 10185-10190	7.1	21
66	Benzimidazole□triazine based exciplex films as emitters and hosts to construct highly efficient OLEDs with a small efficiency roll-off. *Journal of Materials Chemistry C*, **2020**, 8, 2700-2708	7.1	20
65	Highly Efficient Electroluminescent Materials with High Color Purity Based on Attaching Strong Acceptor onto B-N-Containing Multiple Resonance Framework. *CCS Chemistry*,1-29	7.2	20
64	Large □Conjugated Quinacridone Derivatives: Syntheses, Characterizations, Emission, and Charge Transport Properties. *Organic Letters*, **2015**, 17, 6146-9	6.2	19
63	Concentration-insensitive and low-driving-voltage OLEDs with high efficiency and little efficiency roll-off using a bipolar phosphorescent emitter. *Organic Electronics*, **2013**, 14, 1649-1655	3.5	19
62	A novel furo[3,2-c]pyridine-based iridium complex for high-performance organic light-emitting diodes with over 30% external quantum efficiency. *Journal of Materials Chemistry C*, **2017**, 5, 10122-10125	7.1	19
61	Rational design of efficient orange-red to red thermally activated delayed fluorescence emitters for OLEDs with external quantum efficiency of up to 26.0% and reduced efficiency roll-off. *Journal of Materials Chemistry C*, **2020**, 8, 1614-1622	7.1	19
60	2-(2-Hydroxyphenyl)imidazole-based four-coordinate organoboron compounds with efficient deep blue photoluminescence and electroluminescence. *Dalton Transactions*, **2017**, 47, 127-134	4.3	18
59	Constructing Charge-Transfer Excited States Based on Frontier Molecular Orbital Engineering: Narrowband Green Electroluminescence with High Color Purity and Efficiency. *Angewandte Chemie*, **2020**, 132, 17595-17599	3.6	17
58	Application of a water-soluble metallophthalocyanine derivative as a cathode interlayer for the polymer solar cells. *Solar Energy Materials and Solar Cells*, **2015**, 141, 93-100	6.4	17
57	Highly efficient, little efficiency roll-off orange-red electrophosphorescent devices based on a bipolar iridium complex. *Journal of Materials Chemistry C*, **2015**, 3, 1452-1456	7.1	17
56	An Organic Emitter Displaying Dual Emissions and Efficient Delayed Fluorescence White OLEDs. *Advanced Optical Materials*, **2019**, 7, 1801667	8.1	16
55	Novel phthalocyanine-based polymeric micelles with high near-infrared photothermal conversion efficiency under 808 nm laser irradiation for in vivo cancer therapy. *Journal of Materials Chemistry B* , **2019**, 7, 2247-2251	7.3	16
54	A Red-Emissive Fluorescent Probe with a Compact Single-Benzene-Based Skeleton for Cell Imaging of Lipid Droplets. *Advanced Optical Materials*, **2020**, 8, 1902123	8.1	16
53	Addressable organic structure by anisotropic wetting. *Advanced Materials*, **2013**, 25, 2018-23	24	16
52	A twisted phenanthroimidazole based molecule with high triplet energy as a host material for high efficiency phosphorescent OLEDs. *Journal of Materials Chemistry C*, **2018**, 6, 12888-12895	7.1	16
51	High performance blue-green and green phosphorescent OLEDs based on iridium complexes with N^C^N-coordinated terdentate ligands. *RSC Advances*, **2015**, 5, 18328-18334	3.7	14

50	Isomer dependent molecular packing and carrier mobility of N-phenylcarbazole□phenanthro[9,10-d]imidazole based materials as hosts for efficient electrophosphorescence devices. *Journal of Materials Chemistry C*, **2019**, 7, 13486-13492	7.1	14
49	Structurally simple phenanthroimidazole-based bipolar hosts for high-performance green and red electroluminescent devices. *RSC Advances*, **2015**, 5, 73926-73934	3.7	13
48	Alcohol-Soluble Isoindigo Derivative IIDTh-NSB as a Novel Modifier of ZnO in Inverted Polymer Solar Cells. *ACS Applied Materials & Interfaces*, **2017**, 9, 42969-42977	9.5	13
47	Boron-containing D□A type TADF materials with tiny singlet□triplet energy splittings and high photoluminescence quantum yields for highly efficient OLEDs with low efficiency roll-offs. *Journal of Materials Chemistry C*, **2020**, 8, 3846-3854	7.1	13
46	A TADF Emitter Featuring Linearly Arranged Spiro-Donor and Spiro-Acceptor Groups: Efficient Nondoped and Doped Deep-Blue OLEDs with CIEy . *Angewandte Chemie*, **2021**, 133, 9684-9689	3.6	13
45	Highly Efficient Electrofluorescence Material Based on Pure Organic Phosphor Sensitization*. *Angewandte Chemie - International Edition*, **2021**, 60, 15335-15339	16.4	13
44	Methoxyl modification in furo[3,2-c]pyridine-based iridium complexes towards highly efficient green- and orange-emitting electrophosphorescent devices. *Journal of Materials Chemistry C*, **2017**, 5, 12221-12227	7.1	12
43	Ultrasound responsive organogels based on cholesterol-appended quinacridone derivatives with mechanochromic behaviors. *Science China Chemistry*, **2011**, 54, 641-650	7.9	12
42	Oligo(3-hexylthiophene)-functionalized dicyano-ethylene substituted quinacridone derivatives: synthesis, characterizations and applications as acceptors in photovoltaic devices. *New Journal of Chemistry*, **2012**, 36, 1788	3.6	11
41	Boron-Containing Organic Diradicaloids: Dynamically Modulating Singlet Diradical Character by Lewis Acid-Base Coordination. *Journal of the American Chemical Society*, **2021**, 143, 18272-18279	16.4	11
40	Mechanochromic luminescence based on a phthalonitrile-bridging salophen zinc(II) complex. *New Journal of Chemistry*, **2019**, 43, 15886-15891	3.6	10
39	Highly Efficient Microcavity Organic Light-Emitting Devices with Narrow-Band Pure UV Emission. *ACS Applied Materials & Interfaces*, **2020**, 12, 10717-10726	9.5	10
38	Alcohol/water-soluble porphyrins as cathode interlayers in high-performance polymer solar cells. *Science China Chemistry*, **2015**, 58, 323-330	7.9	9
37	Micro organic light-emitting diodes fabricated through area-selective growth. *Materials Chemistry Frontiers*, **2017**, 1, 2606-2612	7.8	9
36	Photoluminescent manipulation of phenoxazine-based molecules via regulating conformational isomerization, and the corresponding electroluminescent properties. *Journal of Materials Chemistry C*, **2019**, 7, 14255-14263	7.1	9
35	Highly efficient blue solid emitters and tautomerization-induced ON/OFF fluorescence switching based on structurally simple 3(5)-phenol-1H-pyrazoles. *Chemical Communications*, **2016**, 52, 13128-13131	5.8	8
34	Assembly of twisted luminescent architectures based on acenaphtho[1,2-k]fluoranthene derivatives. *Chemical Communications*, **2015**, 51, 4477-80	5.8	8
33	Suppressing Efficiency Roll-Off of TADF Based OLEDs by Constructing Emitting Layer With Dual Delayed Fluorescence. *Frontiers in Chemistry*, **2019**, 7, 302	5	7

32	Efficient polymer solar cells based on a cathode interlayer of dicyanomethylenated indacenodithiophene derivative with large π-conjugation and electron-deficient properties. *Journal of Materials Chemistry C*, **2018**, 6, 57-65	7.1	7
31	Stimulated Emission Depletion (STED) Super-Resolution Imaging with an Advanced Organic Fluorescent Probe: Visualizing the Cellular Lipid Droplets at the Unprecedented Nanoscale Resolution **2021**, 3, 516-524		7
30	Achieving High-Performance Pure-Red Electrophosphorescent Iridium(III) Complexes Based on Optimizing Ancillary Ligands. *Chemistry - A European Journal*, **2020**, 26, 4410-4418	4.8	6
29	Benzothiadiazole-oligothiophene flanked dicyanomethylenated quinacridone for non-fullerene acceptors in polymer solar cells. *New Journal of Chemistry*, **2018**, 42, 5005-5013	3.6	6
28	Donor–Acceptor-Type Organic-Small-Molecule-Based Solar-Energy-Absorbing Material for Highly Efficient Water Evaporation and Thermoelectric Power Generation. *Advanced Functional Materials*,2106247	15.6	6
27	Novel sky blue heteroleptic iridium(III) complexes with finely-optimized emission spectra for highly efficient organic light-emitting diodes. *Journal of Materials Chemistry C*, **2019**, 7, 5579-5583	7.1	5
26	Highly Crystalline Films of Organic Small Molecules with Alkyl Chains Fabricated by Weak Epitaxy Growth. *Journal of Physical Chemistry B*, **2016**, 120, 4310-8	3.4	5
25	Dimeric quinacridone cyclophanes: Synthesis, structures, and photophysical properties. *Science China Chemistry*, **2011**, 54, 314-319	7.9	5
24	A TPA-DCPP organic semiconductor film-based room temperature NH3 sensor for insight into the sensing properties. *Sensors and Actuators B: Chemical*, **2021**, 327, 128940	8.5	5
23	Organoboron compounds constructed through the tautomerization of 1H-indole to 3H-indole for red OLEDs. *Journal of Materials Chemistry C*, **2021**, 9, 6834-6840	7.1	5
22	Geometric Shape Regulation and Noncovalent Synthesis of One-Dimensional Organic Luminescent Nano-/Micro-Materials. *Journal of Physical Chemistry Letters*, **2017**, 8, 3711-3717	6.4	4
21	A highly efficient organic solar energy-absorbing material based on phthalocyanine derivative for integrated water evaporation and thermoelectric power generation application. *Journal of Materials Chemistry A*,	13	4
20	Doped crystalline thin-film deep-blue organic light-emitting diodes. *Journal of Materials Chemistry C* , **2021**, 9, 2236-2242	7.1	4
19	An approach to high open-circuit voltage polymer solar cells via alcohol/water-soluble cathode interlayers based on anthrathiadiazole derivatives. *New Journal of Chemistry*, **2017**, 41, 13166-13174	3.6	3
18	Highly oriented crystalline thin film with high electroluminescence performance fabricated by weak epitaxy growth. *Organic Electronics*, **2020**, 84, 105806	3.5	3
17	Fluorine-Substituted Phenanthro[9,10-d]imidazole Derivatives with Optimized Charge-Transfer Characteristics for Efficient Deep-Blue Emitters. *Organic Materials*, **2020**, 02, 011-019	1.9	3
16	Constructing efficient organic photovoltaic devices with a spirobifluorene based water/alcohol-soluble cathode interlayer. *New Journal of Chemistry*, **2018**, 42, 8960-8967	3.6	3
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14	From sky blue to orange red: Accomplishment of single-emitter full-color electroluminescence via manipulating intermolecular □□interactions. *Organic Electronics*, **2020**, 78, 105550	3.5	3
13	Solution processible yellow-emitting iridium complexes based on furo[3,2-c]pyridine ligand. *Organic Electronics*, **2018**, 53, 191-197	3.5	3
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11	Simple/efficient phosphor-only emitting systems: from sky-blue to warm-white organic electroluminescence based on a novel bipolar phosphorescent emitter as the host. *Journal of Materials Chemistry C*, **2020**, 8, 5355-5360	7.1	2
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