

# Hua Wang

## List of Publications by Year in descending order

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304  
papers

5,043  
citations

117625

34  
h-index

175258

52  
g-index

306  
all docs

306  
docs citations

306  
times ranked

5161  
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile Synthesis of Highly Efficient Lepidine-Based Phosphorescent Iridium(III) Complexes for Yellow and White Organic Light-Emitting Diodes. <i>Advanced Functional Materials</i> , 2016, 26, 881-894.	14.9	217
2	High-efficiency/CRI/color stability warm white organic light-emitting diodes by incorporating ultrathin phosphorescence layers in a blue fluorescence layer. <i>Nanophotonics</i> , 2018, 7, 295-304.	6.0	128
3	Luminescent properties of R <sup>+</sup> doped Sr <sub>2</sub> SiO <sub>4</sub> :Eu <sup>3+</sup> (R <sup>+</sup> =Li <sup>+</sup> , Na <sup>+</sup> and K <sup>+</sup> ) red-emitting phosphors for white LEDs. <i>Journal of Luminescence</i> , 2011, 131, 2422-2426.	3.1	117
4	Remarkably high-temperature stable piezoelectric properties of Bi(Mg <sub>0.5</sub> Ti <sub>0.5</sub> )O <sub>3</sub> modified BiFeO <sub>3</sub> –BaTiO <sub>3</sub> ceramics. <i>Applied Physics Letters</i> , 2012, 101, 032901.	3.3	100
5	Microwave-assisted hydrothermal synthesis of solid-state carbon dots with intensive emission for white light-emitting devices. <i>Journal of Materials Chemistry C</i> , 2017, 5, 8105-8111.	5.5	94
6	Hyperbranched Phosphorescent Conjugated Polymer Dots with Iridium(III) Complex as the Core for Hypoxia Imaging and Photodynamic Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 28319-28330.	8.0	84
7	High-Performance Organic Electroluminescence: Design from Organic Light-Emitting Materials to Devices. <i>Chemical Record</i> , 2019, 19, 1531-1561.	5.8	79
8	Singlet Fission in a Pyrrole-Fused Cross-Conjugated Skeleton with Adaptive Aromaticity. <i>Journal of the American Chemical Society</i> , 2020, 142, 10235-10239.	13.7	73
9	Synthesis of carbon quantum dots by chemical vapor deposition approach for use in polymer solar cell as the electrode buffer layer. <i>Carbon</i> , 2016, 109, 598-607.	10.3	70
10	Designing Highly Efficient Phosphorescent Neutral Tetrahedral Manganese(II) Complexes for Organic Light-Emitting Diodes. <i>Advanced Optical Materials</i> , 2019, 7, 1801160.	7.3	69
11	Highly efficient blue phosphorescent iridium(III) complexes with various ancillary ligands for partially solution-processed organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2017, 5, 9306-9314.	5.5	68
12	Carbon dot-based white and yellow electroluminescent light emitting diodes with a record-breaking brightness. <i>Nanoscale</i> , 2018, 10, 11211-11221.	5.6	67
13	Highly Efficient Red and White Organic Light-Emitting Diodes with External Quantum Efficiency beyond 20% by Employing Pyridylimidazole-Based Metallophosphors. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 37873-37882.	8.0	65
14	High efficiency planar Sn–Pb binary perovskite solar cells: controlled growth of large grains via a one-step solution fabrication process. <i>Journal of Materials Chemistry C</i> , 2017, 5, 2360-2367.	5.5	60
15	Zig-Zag Acridine/Sulfone Derivative with Aggregation-Induced Emission and Enhanced Thermally Activated Delayed Fluorescence in Amorphous Phase for Highly Efficient Nondoped Blue Organic Light-Emitting Diodes. <i>Advanced Optical Materials</i> , 2018, 6, 1701256.	7.3	60
16	Luminescent properties of Eu <sup>3+</sup> and Sm <sup>3+</sup> activated M <sub>2</sub> SiO <sub>4</sub> (M=Ba, Sr and Ca) red-emitting phosphors for WLEDs. <i>Journal of Luminescence</i> , 2012, 132, 2908-2912.	3.1	54
17	Solution-Processable ZnO/Carbon Quantum Dots Electron Extraction Layer for Highly Efficient Polymer Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 4895-4903.	8.0	51
18	Improved performance of organic solar cells by incorporating silica-coated silver nanoparticles in the buffer layer. <i>Journal of Materials Chemistry C</i> , 2015, 3, 1082-1090.	5.5	50

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19	Precise manipulation of the carrier recombination zone: a universal novel device structure for highly efficient monochrome and white phosphorescent organic light-emitting diodes with extremely small efficiency roll-off. <i>Journal of Materials Chemistry C</i> , 2018, 6, 8122-8134.	5.5	49
20	Lead-free (Ba <sub>0.7</sub> Ca <sub>0.3</sub> )TiO <sub>3</sub> -Ba(Zr <sub>0.2</sub> Ti <sub>0.8</sub> )O <sub>3</sub> -xwt %CuO ceramics with high piezoelectric coefficient by low-temperature sintering. <i>Journal of Materials Science: Materials in Electronics</i> , 2012, 23, 1342-1345.	2.2	47
21	Highly efficient thienylquinoline-based phosphorescent iridium(III) complexes for red and white organic light-emitting diodes. <i>Organic Electronics</i> , 2017, 45, 293-301.	2.6	47
22	White organic light-emitting diodes based on a novel Zn complex with high CRI combining emission from excitons and interface-formed electroplex. <i>Organic Electronics</i> , 2011, 12, 136-142.	2.6	46
23	Bipolar hosts and non-doped deep-blue emitters (CIE <sub>y</sub> = 0.04) based on phenylcarbazole and 2-(2-phenyl-2H-1,2,4-triazol-3-yl)pyridine groups. <i>Journal of Materials Chemistry C</i> , 2017, 5, 4455-4462.	5.5	46
24	Achieving red/near-infrared mechanoresponsive luminescence turn-on: mechanically disturbed metastable nanostructures in organic solids. <i>Chemical Communications</i> , 2017, 53, 1309-1312.	4.1	45
25	Manipulation and exploitation of singlet and triplet excitons for hybrid white organic light-emitting diodes with superior efficiency/CRI/color stability. <i>Journal of Materials Chemistry C</i> , 2017, 5, 12474-12482.	5.5	44
26	Investigation of pyrolysis temperature in the one-step synthesis of L1 <sub>0</sub> FePt nanoparticles from a FePt-containing metallopolymer. <i>Journal of Materials Chemistry C</i> , 2015, 3, 734-741.	5.5	42
27	Deep-blue thermally activated delayed fluorescence dendrimers with reduced singlet-triplet energy gap for low roll-off non-doped solution-processed organic light-emitting diodes. <i>Dyes and Pigments</i> , 2017, 140, 79-86.	3.7	42
28	Energy transfer in polyfluorene copolymer used for white-light organic light emitting device. <i>Organic Electronics</i> , 2013, 14, 827-838.	2.6	40
29	Triphenylamine/benzothiadiazole-based compounds for non-doped orange and red fluorescent OLEDs with high efficiencies and low efficiency roll-off. <i>Journal of Materials Chemistry C</i> , 2021, 9, 4921-4926.	5.5	40
30	Double-emission-layer green phosphorescent OLED based on LiF-doped TPBi as electron transport layer for improving efficiency and operational lifetime. <i>Synthetic Metals</i> , 2012, 162, 398-401.	3.9	38
31	Fluorinated dopant-free hole-transporting material for efficient and stable perovskite solar cells with carbon cathode. <i>Journal of Power Sources</i> , 2018, 401, 29-36.	7.8	38
32	Facile synthesis of solution-processed MoS <sub>2</sub> nanosheets and their application in high-performance ultraviolet organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2019, 7, 926-936.	5.5	38
33	Two novel indolo[3,2-b]carbazole derivatives containing dimesitylboron moieties: synthesis, photoluminescent and electroluminescent properties. <i>New Journal of Chemistry</i> , 2014, 38, 2368-2378.	2.8	37
34	A red tandem organic light-emitting diode based on organic photovoltaic-type charge generation layer. <i>Organic Electronics</i> , 2016, 32, 1-6.	2.6	37
35	High color stability and CRI (>80) fluorescent white organic light-emitting diode based pure emission of exciplexes by employing merely complementary colors. <i>Journal of Materials Chemistry C</i> , 2018, 6, 304-311.	5.5	35
36	Multimodal optoelectronic neuromorphic electronics based on lead-free perovskite-mixed carbon nanotubes. <i>Carbon</i> , 2021, 176, 592-601.	10.3	35

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37	Efficiency enhancement in organic solar cells by incorporating silica-coated gold nanorods at the buffer/active interface. <i>Journal of Materials Chemistry C</i> , 2015, 3, 9859-9868.	5.5	34
38	Deep-blue fluorescent emitter based on a 9,9-dioctylfluorene bridge with a hybridized local and charge-transfer excited state for organic light-emitting devices with EQE exceeding 8%. <i>Journal of Materials Chemistry C</i> , 2020, 8, 14117-14124.	5.5	34
39	A bipolar emitting material for high efficient non-doped fluorescent organic light-emitting diode approaching standard deep blue. <i>Dyes and Pigments</i> , 2016, 129, 34-42.	3.7	33
40	Tetra-carbazole substituted spiro[fluorene-9,9'-xanthene]-based hole-transporting materials with high thermal stability and mobility for efficient OLEDs. <i>Dyes and Pigments</i> , 2017, 139, 764-771.	3.7	33
41	A novel dimesitylboron-substituted indolo[3,2-b]carbazole derivative: Synthesis, electrochemical, photoluminescent and electroluminescent properties. <i>Organic Electronics</i> , 2013, 14, 868-874.	2.6	32
42	Highly efficient orange fluorescent OLEDs based on the energy transfer from bilayer interface exciplex. <i>Organic Electronics</i> , 2016, 37, 1-5.	2.6	32
43	Combining emissions of hole- and electron-transporting layers simultaneously for simple blue and white organic light-emitting diodes with superior device performance. <i>Journal of Materials Chemistry C</i> , 2018, 6, 1853-1862.	5.5	32
44	Highly efficient chlorine functionalized blue iridium(III) phosphors for blue and white phosphorescent organic light-emitting diodes with the external quantum efficiency exceeding 20%. <i>Journal of Materials Chemistry C</i> , 2018, 6, 6656-6665.	5.5	32
45	A novel white-light-emitting conjugated polymer derived from polyfluorene with a hyperbranched structure. <i>New Journal of Chemistry</i> , 2015, 39, 5180-5188.	2.8	31
46	A facilely synthesized spiro hole-transporting material based on spiro[3.3]heptane-2,6-dispirofluorene for efficient planar perovskite solar cells. <i>RSC Advances</i> , 2017, 7, 41903-41908.	3.6	31
47	Low electric field-induced strain and large improvement in energy density of (Lu <sub>0.5</sub> Nb <sub>0.5</sub> ) <sub>4+</sub> complex-ions doped BNT-BT ceramics. <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1.	2.3	31
48	Low temperature growth of highly crystallized ZnO:Al films by ultrasonic spray pyrolysis from acetylacetonate salt. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2010, 167, 182-186.	3.5	28
49	High efficiency and low roll-off green OLEDs with simple structure by utilizing thermally activated delayed fluorescence material as the universal host. <i>Nanophotonics</i> , 2017, 6, 1133-1140.	6.0	28
50	Enhanced performance of perovskite solar cells by the incorporation of the luminescent small molecule DBP: perovskite absorption spectrum modification and interface engineering. <i>Journal of Materials Chemistry C</i> , 2019, 7, 5686-5694.	5.5	28
51	Transformation of hardening to softening behaviors induced by Sb substitution in CuO-doped KNN-based piezoceramics. <i>Ceramics International</i> , 2019, 45, 13179-13186.	4.8	28
52	Novel carbazole-based multifunctional materials with a hybridized local and charge-transfer excited state acting as deep-blue emitters and phosphorescent hosts for highly efficient organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2021, 9, 5899-5907.	5.5	28
53	Low temperature synthesis of sol-gel derived Al-doped ZnO thin films with rapid thermal annealing process. <i>Journal of Materials Science: Materials in Electronics</i> , 2010, 21, 589-594.	2.2	27
54	High-efficiency, broad-band and wide-angle optical absorption in ultra-thin organic photovoltaic devices. <i>Optics Express</i> , 2014, 22, A376.	3.4	27

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55	High-yield production of stable antimonene quantum sheets for highly efficient organic photovoltaics. <i>Journal of Materials Chemistry A</i> , 2018, 6, 23773-23779.	10.3	26
56	Grain size control in ITO targets and its effect on electrical and optical properties of deposited ITO films. <i>Journal of Materials Science: Materials in Electronics</i> , 2014, 25, 710-716.	2.2	25
57	A star-shaped bipolar host material based on carbazole and dimesitylboron moieties for fabrication of highly efficient red, green and blue electrophosphorescent devices. <i>Journal of Materials Chemistry C</i> , 2014, 2, 2160-2168.	5.5	25
58	Novel blue fluorescent emitters structured by linking triphenylamine and anthracene derivatives for organic light-emitting devices with EQE exceeding 5%. <i>Journal of Materials Chemistry C</i> , 2019, 7, 10810-10817.	5.5	25
59	Fluorinated triphenylamine-based dopant-free hole-transporting material for high-performance inverted perovskite solar cells. <i>Chemical Engineering Journal</i> , 2020, 402, 125923.	12.7	25
60	Carrier transfer and luminescence characteristics of concentration-dependent phosphorescent Ir(ppy) <sub>3</sub> doped CBP film. <i>Optics and Laser Technology</i> , 2014, 56, 20-24.	4.6	23
61	Low turn-on voltage and low roll-off rare earth europium complex-based organic light-emitting diodes with exciplex as the host. <i>Journal of Materials Chemistry C</i> , 2017, 5, 12182-12188.	5.5	23
62	Highly Efficient Deep-Blue Electroluminescence from a Aa <sup>+</sup> I <sup>-</sup> D <sup>+</sup> I <sup>-</sup> A Structure Based Fluorescence Material with Exciton Utilizing Efficiency above 25%. <i>ACS Applied Energy Materials</i> , 2018, 1, 3243-3254.	5.1	23
63	A new strategy for structuring white organic light-emitting diodes by combining complementary emissions in the same interface. <i>Journal of Materials Chemistry C</i> , 2020, 8, 2772-2779.	5.5	23
64	A purely organic D-I <sup>-</sup> A-I <sup>-</sup> D emitter with thermally activated delayed fluorescence and room temperature phosphorescence for near-white OLED. <i>Chinese Chemical Letters</i> , 2021, 32, 1367-1371.	9.0	23
65	Hollow MCM-41 microspheres derived from P(St-MMA)/MCM-41 core/shell composite particles. <i>Materials Letters</i> , 2008, 62, 4254-4256.	2.6	22
66	Fabrication of benzothiadiazole <sup>+</sup> benzodithiophene-based random copolymers for efficient thick-film polymer solar cells via a solvent vapor annealing approach. <i>Journal of Materials Chemistry C</i> , 2018, 6, 4555-4564.	5.5	22
67	Tandem white organic light-emitting diodes stacked with two symmetrical emitting units simultaneously achieving superior efficiency/CRI/color stability. <i>Nanophotonics</i> , 2019, 8, 1783-1794.	6.0	22
68	High energy storage efficiency and high electrostrictive coefficients in BNT <sup>+</sup> BS <sup>+</sup> xBT ferroelectric ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 5546-5553.	2.2	22
69	Extremely high chromatic-stability white organic light-emitting device with symmetrical cascade emissive layer. <i>Organic Electronics</i> , 2015, 23, 199-207.	2.6	21
70	Two novel bipolar compounds based-on 1, 2, 4-triazol derivatives for non-doped deep-blue and green phosphorescent OLED applications. <i>Dyes and Pigments</i> , 2017, 143, 25-32.	3.7	21
71	An efficient blue thermally activated delayed fluorescence material based on 4-fluorocyanobenzene derivative for organic light-emitting diodes. <i>Tetrahedron Letters</i> , 2016, 57, 2044-2048.	1.4	20
72	Poly(9,9-dioctylfluorene) based hyperbranched copolymers with three balanced emission colors for solution-processable hybrid white polymer light-emitting devices. <i>Dyes and Pigments</i> , 2017, 139, 611-618.	3.7	20

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73	Double electron transport layers for efficient and stable organic-inorganic hybrid perovskite solar cells. <i>Organic Electronics</i> , 2019, 70, 292-299.	2.6	20
74	Pyrene-based hyperbranched porous polymers with doped Ir(piq) <sub>2</sub> (acac) red emitter for highly efficient white polymer light-emitting diodes. <i>Organic Electronics</i> , 2020, 76, 105487.	2.6	20
75	Room temperature deposition and properties of ZnO:Al thin films by nonreactive DC magnetron sputtering. <i>Journal of Materials Science: Materials in Electronics</i> , 2008, 19, 1135-1139.	2.2	19
76	Effects of annealing temperature and thickness on microstructure and properties of sol-gel derived multilayer Al-doped ZnO films. <i>Journal of Materials Science: Materials in Electronics</i> , 2010, 21, 145-148.	2.2	19
77	Linear thiophene-containing $\pi$ -conjugated aldehydes with aggregation-induced emission for building solid red luminophors. <i>Dyes and Pigments</i> , 2015, 115, 166-171.	3.7	19
78	Incorporating silver-SiO <sub>2</sub> core-shell nanocubes for simultaneous broadband absorption and charge collection enhancements in organic solar cells. <i>Synthetic Metals</i> , 2016, 220, 612-620.	3.9	19
79	The thermal properties and thermoelectric performance of <i>h</i> -graphyne nanoribbons. <i>Journal Physics D: Applied Physics</i> , 2016, 49, 145102.	2.8	19
80	Broadband EQE enhancement in organic solar cells with multiple-shaped silver nanoparticles: Optical coupling and interfacial engineering. <i>Materials Today Energy</i> , 2017, 3, 84-91.	4.7	19
81	A novel intramolecular charge transfer blue fluorophor for high color stability hybrid di-chromatic white organic light-emitting diodes. <i>Organic Electronics</i> , 2017, 42, 1-7.	2.6	19
82	Easily available, low-cost 9,9'-bianthracene derivatives as efficient blue hosts and deep-blue emitters in OLEDs. <i>Organic Electronics</i> , 2019, 66, 24-31.	2.6	19
83	A Low-Temperature Solution-Processed CuSCN/Polymer Hole Transporting Layer Enables High Efficiency for Organic Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 46373-46380.	8.0	19
84	Effect of annealing temperature on resistance switching behavior of Mg <sub>0.2</sub> Zn <sub>0.8</sub> O thin films deposited on ITO glass. <i>Solid-State Electronics</i> , 2012, 76, 40-43.	1.4	18
85	Single-crystal structure, photophysical characteristics and electroluminescent properties of bis(2-(4-trifluoromethyl-2-hydroxyphenyl)benzothiazolate)zinc. <i>Journal of Luminescence</i> , 2012, 132, 919-923.	3.1	18
86	Demonstration of highly efficient orange EL device and warm white OLED. <i>Organic Electronics</i> , 2018, 57, 21-27.	2.6	18
87	Tunable hole injection of solution-processed polymeric carbon nitride towards efficient organic light-emitting diode. <i>Applied Physics Letters</i> , 2018, 112, .	3.3	18
88	D-type bipolar host materials with room temperature phosphorescence for high-efficiency green phosphorescent organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2020, 8, 1871-1878.	5.5	18
89	Morphological modulation to improve thermoelectric performances of PEDOT:PSS films by DMSO vapor post-treatment. <i>Synthetic Metals</i> , 2021, 271, 116628.	3.9	18
90	Non-phosphor-doped fluorescent/phosphorescent hybrid white organic light-emitting diodes with a sandwiched blue emitting layer for simultaneously achieving superior device efficiency and color quality. <i>Journal of Materials Chemistry C</i> , 2018, 6, 9811-9820.	5.5	17

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91	Effect of Sintering Time on Structure and Properties in CuO-doping KNN-LS-BF Piezoelectric Ceramics. Journal Wuhan University of Technology, Materials Science Edition, 2019, 34, 308-311.	1.0	17
92	A novel blue-light organic electroluminescence material derived from 8-hydroxyquinoline lithium. Organic Electronics, 2009, 10, 918-924.	2.6	16
93	Effects of CuO doping on the structure and properties lead-free KNN-LS piezoelectric ceramics. Journal of Materials Science: Materials in Electronics, 2013, 24, 2469-2472.	2.2	16
94	Efficient tandem organic light-emitting device based on photovoltaic-type connector with positive cycle. Applied Physics Letters, 2013, 102, .	3.3	16
95	Simplified phosphorescent organic light-emitting devices using heavy doping with an Ir complex as an emitter. RSC Advances, 2015, 5, 4261-4265.	3.6	16
96	Mixed antisolvents assisted treatment of perovskite for photovoltaic device efficiency enhancement. Organic Electronics, 2018, 56, 59-67.	2.6	16
97	Energy level engineering of PEDOT:PSS by antimonene quantum sheet doping for highly efficient OLEDs. Journal of Materials Chemistry C, 2020, 8, 1796-1802.	5.5	16
98	Zinc Oxide Coated Carbon Dot Nanoparticles as Electron Transport Layer for Inverted Polymer Solar Cells. ACS Applied Energy Materials, 2020, 3, 11388-11397.	5.1	16
99	Flexible printed single-walled carbon nanotubes olfactory synaptic transistors with crosslinked poly(4-vinylphenol) as dielectrics. Flexible and Printed Electronics, 2021, 6, 034001.	2.7	16
100	Synthesis and characterization of blue-to-green electrophosphorescence emitter based on pyrazole iridium complexes. Dyes and Pigments, 2013, 99, 67-73.	3.7	15
101	Effect of capping ligands on the optical properties and electronic energies of iron pyrite FeS <sub>2</sub> nanocrystals and solid thin films. Journal of Alloys and Compounds, 2016, 674, 9-15.	5.5	15
102	Non-doped white organic light-emitting diodes with superior efficiency/color stability by employing ultra-thin phosphorescent emitters. Journal of Materials Chemistry C, 2018, 6, 4250-4256.	5.5	15
103	Excellent optical, dielectric, and ferroelectric properties of Sr(In <sub>0.5</sub> Nb <sub>0.5</sub> )O <sub>3</sub> modified K <sub>0.5</sub> Na <sub>0.5</sub> NbO <sub>3</sub> lead-free transparent ceramics. Journal of Materials Science: Materials in Electronics, 2018, 29, 19123-19129.	2.2	15
104	An Automated Segmentation Method for Lung Parenchyma Image Sequences Based on Fractal Geometry and Convex Hull Algorithm. Applied Sciences (Switzerland), 2018, 8, 832.	2.5	15
105	Novel 2D material from AMQS-based defect engineering for efficient and stable organic solar cells. 2D Materials, 2019, 6, 045017.	4.4	15
106	Solution-processed blue quantum-dot light-emitting diodes based on double hole transport layers: Charge injection balance, solvent erosion control and performance improvement. Superlattices and Microstructures, 2020, 140, 106460.	3.1	15
107	Photoluminescence characteristics of organic molecules in the accelerated aging organic light-emitting diodes. Physica Status Solidi (A) Applications and Materials Science, 2013, 210, 2716-2719.	1.8	14
108	Bipolar resistive switching behaviours in ZnMn <sub>2</sub> O <sub>4</sub> film deposited on p+-Si substrate by chemical solution deposition. Bulletin of Materials Science, 2014, 37, 1657-1661.	1.7	14

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109	A novel carbazole derivative containing dimesitylboron units: Synthesis, photophysical, aggregation induced emission and electroluminescent properties. <i>Dyes and Pigments</i> , 2014, 104, 34-40.	3.7	14
110	Solution-Processed Composite Interfacial Layer of MoO <sub>3</sub> -Doped Graphene Oxide for Robust Hole Injection in Organic Light-Emitting Diode. <i>Physica Status Solidi - Rapid Research Letters</i> , 2018, 12, 1700434.	2.4	14
111	Protonation-induced dual fluorescence of a blue fluorescent material with twisted A <sub>2</sub> D <sub>2</sub> A configuration. <i>Journal of Materials Chemistry C</i> , 2020, 8, 2442-2450.	5.5	14
112	Regulating the Structural, Transmittance, Ferroelectric, and Energy Storage Properties of K <sub>0.5</sub> Na <sub>0.5</sub> NbO <sub>3</sub> Ceramics Using Sr(Yb <sub>0.5</sub> Nb <sub>0.5</sub> )O <sub>3</sub> . <i>Journal of Electronic Materials</i> , 2021, 50, 968-977.	2.2	14
113	Triphenylamine-based small molecules with aggregation-induced emission and mechanochromic luminescence properties for OLED application. <i>Tetrahedron</i> , 2021, 86, 132061.	1.9	14
114	Er <sup>3+</sup> and Sr(Bi <sub>0.5</sub> Nb <sub>0.5</sub> )O <sub>3</sub> -modified (K <sub>0.5</sub> Na <sub>0.5</sub> )NbO <sub>3</sub> : A new transparent fluorescent ferroelectric ceramic with high light transmittance and good luminescence performance. <i>Ceramics International</i> , 2022, 48, 4230-4237.	4.8	14
115	A multifunctional luminescent material based on quinoxaline and triphenylamine groups: polymorphism, mechanochromic luminescence, and applications in high-efficiency fluorescent OLEDs. <i>Journal of Materials Chemistry C</i> , 2022, 10, 3396-3403.	5.5	14
116	Optical and electrical properties of [N,N'-bis(salicylidene)-ethylenediamine]zinc as an electroluminescent material. <i>Applied Physics Letters</i> , 2007, 90, 053903.	3.3	13
117	Preparation and performance of a new type of blue light-emitting material $\tilde{\Gamma}$ -Alq <sub>3</sub> . <i>Journal of Luminescence</i> , 2007, 122-123, 663-666.	3.1	13
118	A single-heterojunction electrophosphorescence device with high efficiency, long lifetime and suppressive roll-off. <i>Synthetic Metals</i> , 2013, 164, 12-16.	3.9	13
119	Effect of fluorocarbon (trifluoromethyl groups) substitution on blue electroluminescent properties of 9,9'-bianthracene derivatives with twisted intramolecular charge-transfer excited states. <i>Dyes and Pigments</i> , 2015, 122, 238-245.	3.7	13
120	Semitransparent inverted organic solar cell with improved absorption and reasonable transparency perception based on the nanopatterned MoO <sub>3</sub> / Ag / MoO <sub>3</sub> anode. <i>Journal of Nanophotonics</i> , 2015, 9, 093043.	1.0	13
121	Omnidirectional and broadband optical absorption enhancement in small molecule organic solar cells by a patterned MoO <sub>3</sub> /Ag/MoO <sub>3</sub> transparent anode. <i>Optics Communications</i> , 2015, 338, 226-232.	2.1	13
122	Design, synthesis and properties of triple-color hyperbranched polymers derived from poly(9,9-dioctylfluorene) with phosphorescent core tris(1-phenylisoquinoline)iridium(III). <i>Dyes and Pigments</i> , 2016, 125, 339-347.	3.7	13
123	Porphyrin-based Pt/Pd-containing metallopolymers: Synthesis, characterization, optical property and potential application in bioimaging. <i>Journal of Organometallic Chemistry</i> , 2017, 835, 25-30.	1.8	13
124	Ultra-simple white organic light-emitting diodes employing only two complementary colors with color-rendering index beyond 90. <i>RSC Advances</i> , 2017, 7, 49769-49776.	3.6	13
125	Efficient management of excitons in red and white organic light-emitting diodes by employing blue thermally activated delayed fluorescent emitter based acridine/sulfone derivative as the host. <i>Organic Electronics</i> , 2018, 57, 311-316.	2.6	13
126	Phase Transition, Large Strain and Energy Storage in Ferroelectric (Bi <sub>0.5</sub> Na <sub>0.5</sub> )TiO <sub>3</sub> -BaTiO <sub>3</sub> Ceramics Tailored by (Mg <sub>1/3</sub> Nb <sub>2/3</sub> ) <sub>4+</sub> Complex Ions. <i>Journal of Electronic Materials</i> , 2020, 49, 1131-1141.	2.2	13



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248	High color rendering index white organic light-emitting diode using levofloxacin as blue emitter. <i>Chinese Physics B</i> , 2015, 24, 057802.	1.4	3
249	Synthesis and photoelectric performances of blue-green emitting iridium phenylpyridine complexes using N,N'-heteroaromatic ancillary ligands. <i>New Journal of Chemistry</i> , 2015, 39, 5293-5299.	2.8	3
250	Poly[(9,9-dioctyl-fluorenyl-2,7-diyl)- <i>co</i> -fluorenone]-based orange fluorescence probe for cellular imaging. <i>Tetrahedron</i> , 2016, 72, 2287-2292.	1.9	3
251	Resistance-switching properties of Bi-doped $\text{SrTiO}_3$ films for non-volatile memory applications with different device structures. <i>Bulletin of Materials Science</i> , 2018, 41, 1.	1.7	3
252	Wide-bandgap polymers containing fluorinated phenylene units for polymer solar cells with high open-circuit voltage. <i>Synthetic Metals</i> , 2018, 244, 134-142.	3.9	3

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255	Triplet collection for highly efficient single-emitting-layer pure fluorescent WOLED based thermally activated delayed fluorescent host of acridine/sulfone derivative. <i>Optical Materials</i> , 2020, 110, 110510.	3.6	3
256	Hybrid Hole Extraction Layer Enabled High Efficiency in Polymer Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 55342-55348.	8.0	3
257	Giant Enhancement of External Quantum Efficiency in Near-UV Organic Light-Emitting Diodes via Device Aging and Impedance Spectroscopy Analysis. <i>Physica Status Solidi - Rapid Research Letters</i> , 2021, 15, 2100041.	2.4	3
258	Easy-processing saccharin doped ZnO electron extraction layer in efficient polymer solar cells. <i>Solar Energy</i> , 2021, 220, 706-712.	6.1	3
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268	Tunable white light emission of an anti-ultraviolet rare-earth polysiloxane phosphors based on near UV chips. <i>Optics Express</i> , 2021, 29, 8997.	3.4	2
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282	Fabrication and electro-optical properties of CuAl <sub>0.8</sub> O <sub>2</sub> /Zn <sub>0.95</sub> Al <sub>0.05</sub> O heterojunction films. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 7586-7591.	2.2	1
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