

You-Xuan Zheng

List of Publications by Year in descending order

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176
papers

6,997
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70961

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4545
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#	ARTICLE	IF	CITATIONS
1	Peripheral Amplification of Multi-Resonance Induced Thermally Activated Delayed Fluorescence for Highly Efficient OLEDs. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11316-11320.	7.2	314
2	Highly Efficient Green and Blue-Green Phosphorescent OLEDs Based on Iridium Complexes with the Tetraphenylimidodiphosphinate Ligand. <i>Advanced Materials</i> , 2011, 23, 4041-4046.	11.1	291
3	Frontiers in circularly polarized luminescence: molecular design, self-assembly, nanomaterials, and applications. <i>Science China Chemistry</i> , 2021, 64, 2060-2104.	4.2	248
4	Rational design of phosphorescent iridium(III) complexes for emission color tunability and their applications in OLEDs. <i>Coordination Chemistry Reviews</i> , 2018, 374, 55-92.	9.5	240
5	Enantiomorphic Perovskite Ferroelectrics with Circularly Polarized Luminescence. <i>Journal of the American Chemical Society</i> , 2020, 142, 4756-4761.	6.6	208
6	Chiral Octahydro-Binaphthol Compound-Based Thermally Activated Delayed Fluorescence Materials for Circularly Polarized Electroluminescence with Superior EQE of 32.6% and Extremely Low Efficiency Roll-Off. <i>Advanced Materials</i> , 2019, 31, e1900524.	11.1	198
7	Circularly Polarized Thermally Activated Delayed Fluorescence Emitters in Through-Space Charge Transfer on Asymmetric Spiro Skeletons. <i>Journal of the American Chemical Society</i> , 2020, 142, 17756-17765.	6.6	174
8	Thermally Activated Delayed Fluorescence Materials: Towards Realization of High Efficiency through Strategic Small Molecular Design. <i>Chemistry - A European Journal</i> , 2019, 25, 5623-5642.	1.7	168
9	Rapid and facile ratiometric detection of an anthrax biomarker by regulating energy transfer process in bio-metal-organic framework. <i>Biosensors and Bioelectronics</i> , 2016, 85, 287-293.	5.3	163
10	Circularly polarised phosphorescent photoluminescence and electroluminescence of iridium complexes. <i>Scientific Reports</i> , 2015, 5, 14912.	1.6	157
11	Photoresponsive Propeller-like Chiral AIE Copper(I) Clusters. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5336-5340.	7.2	137
12	Circularly Polarized Organic Room Temperature Phosphorescence from Amorphous Copolymers. <i>Journal of the American Chemical Society</i> , 2021, 143, 18527-18535.	6.6	132
13	Enantiomeric MOF Crystals Using Helical Channels as Palettes with Bright White Circularly Polarized Luminescence. <i>Advanced Materials</i> , 2020, 32, e2002914.	11.1	125
14	Organo-erbium systems for optical amplification at telecommunications wavelengths. <i>Nature Materials</i> , 2014, 13, 382-386.	13.3	120
15	Fabrication of Circularly Polarized MR-TADF Emitters with Asymmetrical Peripheral-Lock Enhancing Helical B/N-Doped Nanographenes. <i>Advanced Materials</i> , 2022, 34, e2105080.	11.1	112
16	Chiral Spiro-Axis Induced Blue Thermally Activated Delayed Fluorescence Material for Efficient Circularly Polarized OLEDs with Low Efficiency Roll-Off. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8435-8440.	7.2	107
17	Helical Sulfonyl-AApeptides with Aggregation-Induced Emission and Circularly Polarized Luminescence. <i>Journal of the American Chemical Society</i> , 2019, 141, 12697-12706.	6.6	106
18	Syntheses, Photoluminescence, and Electroluminescence of a Series of Iridium Complexes with Trifluoromethyl-Substituted 2-Phenylpyridine as the Main Ligands and Tetraphenylimidodiphosphinate as the Ancillary Ligand. <i>Inorganic Chemistry</i> , 2013, 52, 4916-4925.	1.9	98

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19	Configurationally Stable Platinahelicene Enantiomers for Efficient Circularly Polarized Phosphorescent Organic Light-Emitting Diodes. <i>Chemistry - A European Journal</i> , 2019, 25, 5672-5676.	1.7	98
20	Organic Room-Temperature Phosphorescence with Strong Circularly Polarized Luminescence Based on Paracyclophanes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 17220-17225.	7.2	97
21	Efficient OLEDs with low efficiency roll-off using iridium complexes possessing good electron mobility. <i>Journal of Materials Chemistry C</i> , 2015, 3, 3694-3701.	2.7	88
22	<i>N</i> -Heterocyclic Carbenes: Versatile Second Cyclometalated Ligands for Neutral Iridium(III) Heteroleptic Complexes. <i>Inorganic Chemistry</i> , 2015, 54, 161-173.	1.9	87
23	Highly efficient green phosphorescent OLEDs based on a novel iridium complex. <i>Journal of Materials Chemistry C</i> , 2013, 1, 560-565.	2.7	86
24	Chiral iridium(III) complexes with four-membered Ir-S-P-S chelating rings for high-performance circularly polarized OLEDs. <i>Chemical Communications</i> , 2019, 55, 8215-8218.	2.2	86
25	Circularly Polarized Luminescence from Chiral Tetranuclear Copper(I) Iodide Clusters. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 1255-1260.	2.1	79
26	Peripheral Amplification of Multi-Resonance Induced Thermally Activated Delayed Fluorescence for Highly Efficient OLEDs. <i>Angewandte Chemie</i> , 2018, 130, 11486-11490.	1.6	77
27	Axially Chiral Biphenyl Compound-Based Thermally Activated Delayed Fluorescent Materials for High-Performance Circularly Polarized Organic Light-Emitting Diodes. <i>Advanced Science</i> , 2020, 7, 2000804.	5.6	71
28	Syntheses, structures, photoluminescence, and magnetic properties of nanoporous 3D lanthanide coordination polymers with 4,4'-biphenyldicarboxylate ligand. <i>CrystEngComm</i> , 2008, 10, 1237.	1.3	68
29	Photostable and efficient red-emitters based on zeolite L crystals. <i>Journal of Materials Chemistry</i> , 2011, 21, 14755.	6.7	66
30	Chiral Thermally Activated Delayed Fluorescence Materials Based on <i>R,S</i> - <i>N,N'</i> -Diphenyl- <i>1,1'</i> -binaphthalene]- <i>2,2'</i> -diamine Donor with Narrow Emission Spectra for Highly Efficient Circularly Polarized Electroluminescence. <i>Advanced Functional Materials</i> , 2021, 31, 2103875.	7.8	61
31	Leaving Group Assisted Strategy for Photoinduced Fluoroalkylations Using <i>N</i> -Hydroxybenzimidoyl Chloride Esters. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 624-627.	7.2	60
32	Semitransparent Circularly Polarized Phosphorescent Organic Light-Emitting Diodes with External Quantum Efficiency over 30% and Dissymmetry Factor Close to 10 ² . <i>Advanced Functional Materials</i> , 2021, 31, 2102898.	7.8	60
33	Non-doped and doped circularly polarized organic light-emitting diodes with high performances based on chiral octahydro-binaphthyl delayed fluorescent luminophores. <i>Journal of Materials Chemistry C</i> , 2019, 7, 7045-7052.	2.7	56
34	An infinite photoluminescent coordination nanotube [CuSCN(L)]·(DMF) _{0.5} . <i>CrystEngComm</i> , 2009, 11, 246-248.	1.3	55
35	Rapid room temperature synthesis of red iridium(III) complexes containing a four-membered Ir-S-C-S chelating ring for highly efficient OLEDs with EQE over 30%. <i>Chemical Science</i> , 2019, 10, 3535-3542.	3.7	55
36	A Chiral Dual-Core Organoboron Structure Realizes Dual-Channel Enhanced Ultrapure Blue Emission and Highly Efficient Circularly Polarized Electroluminescence. <i>Advanced Materials</i> , 2022, 34, .	11.1	54

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37	Green synthesis of luminescent soft materials derived from task-specific ionic liquid for solubilizing lanthanide oxides and organic ligand. <i>Journal of Materials Chemistry</i> , 2009, 19, 5533.	6.7	49
38	Multicolor Circularly Polarized Photoluminescence and Electroluminescence with 1,2-Diaminecyclohexane Enantiomers. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 23172-23180.	4.0	48
39	Two-Photon Ionization Induced Stable White Organic Long Persistent Luminescence. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16984-16988.	7.2	48
40	Efficient Circularly Polarized Electroluminescence from Chiral Thermally Activated Delayed Fluorescence Emitters Featuring Symmetrical and Rigid Coplanar Acceptors. <i>Advanced Optical Materials</i> , 2021, 9, 2100017.	3.6	46
41	Fast Synthesis of Iridium(III) Complexes Incorporating a Bis(diphenylphosphorothioyl)amide Ligand for Efficient Pure Green OLEDs. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 7184-7191.	4.0	45
42	Iridium(III) phosphorescent complexes with dual stereogenic centers: single crystal, electronic circular dichroism evidence and circularly polarized luminescence properties. <i>Dalton Transactions</i> , 2016, 45, 19234-19237.	1.6	44
43	A narrowband blue circularly polarized thermally activated delayed fluorescence emitter with a hetero-helicene structure. <i>Chemical Communications</i> , 2021, 57, 11041-11044.	2.2	44
44	High efficiency green phosphorescent organic light-emitting diodes with a low roll-off at high brightness. <i>Organic Electronics</i> , 2013, 14, 2854-2858.	1.4	41
45	Synthesis and photoluminescence properties of rhenium(I) complexes based on 2,2',6',6'-terpyridine derivatives with hole-transporting units. <i>Dalton Transactions</i> , 2013, 42, 2716-2723.	1.6	41
46	Electron mobility determination of efficient phosphorescent iridium complexes with tetraphenylimidodiphosphinate ligand via transient electroluminescence method. <i>Applied Physics Letters</i> , 2012, 100, 073303.	1.5	40
47	Fused Extended Multiple-Resonance Induced Thermally Activated Delayed Fluorescence Materials for High-Efficiency and Narrowband OLEDs with Low Efficiency Roll-Off. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	40
48	Efficient deep red electroluminescence of iridium(III) complexes with 2,3-diphenylquinoxaline derivatives and tetraphenylimidodiphosphinate. <i>Journal of Materials Chemistry C</i> , 2017, 5, 3714-3724.	2.7	37
49	Pure Red Iridium(III) Complexes Possessing Good Electron Mobility with 1,5-Naphthyridin-4-ol Derivatives for High-Performance OLEDs with an EQE over 31%. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 20192-20199.	4.0	37
50	Integrated redox-active reagents for photoinduced regio- and stereoselective fluorocarbonylation. <i>Nature Communications</i> , 2020, 11, 2572.	5.8	36
51	High-Efficiency and Narrowband OLEDs from Blue to Yellow with Ternary Boron/Nitrogen-Based Polycyclic Heteroaromatic Emitters. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	36
52	Syntheses, photoluminescence and electroluminescence of four heteroleptic iridium complexes with 2-(5-phenyl-1,3,4-oxadiazol-2-yl)-phenol derivatives as ancillary ligands. <i>Journal of Materials Chemistry C</i> , 2014, 2, 1116-1124.	2.7	35
53	Novel Design of Iridium Phosphors with Pyridinylphosphinate Ligands for High-Efficiency Blue Organic Light-emitting Diodes. <i>Scientific Reports</i> , 2016, 6, 38478.	1.6	35
54	Visible-Light-Mediated Click Chemistry for Highly Regioselective Azide-Alkyne Cycloaddition by a Photoredox Electron-Transfer Strategy. <i>Chemistry - A European Journal</i> , 2020, 26, 5694-5700.	1.7	35

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55	Synthesis, structural characterization and photoluminescence properties of rhenium(I) complexes based on bipyridine derivatives with carbazole moieties. <i>Dalton Transactions</i> , 2009, , 10563.	1.6	34
56	Highly Efficient Organic Light-Emitting Diodes with Low Efficiency Roll-Off Based on Iridium Complexes Containing Pinene Sterically Hindered Spacer. <i>Advanced Optical Materials</i> , 2016, 4, 1726-1731.	3.6	34
57	Photocatalyzed cascade oxidative annulation of propargylamines and phosphine oxides. <i>Chemical Communications</i> , 2017, 53, 6637-6640.	2.2	33
58	Versatile functionalization of trifluoromethyl based deep blue thermally activated delayed fluorescence materials for organic light emitting diodes. <i>New Journal of Chemistry</i> , 2018, 42, 4317-4323.	1.4	32
59	Circularly Polarized White Organic Light-Emitting Diodes Based on Spiro-Type Thermally Activated Delayed Fluorescence Materials. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	32
60	High performance red phosphorescent organic electroluminescent devices with characteristic mechanisms by utilizing terbium or gadolinium complexes as sensitizers. <i>Journal of Materials Chemistry C</i> , 2017, 5, 2066-2073.	2.7	31
61	Two-Photon Ionization Induced Stable White Organic Long Persistent Luminescence. <i>Angewandte Chemie</i> , 2021, 133, 17121-17125.	1.6	30
62	Chiral Spiro-Axis Induced Blue Thermally Activated Delayed Fluorescence Material for Efficient Circularly Polarized OLEDs with Low Efficiency Roll-Off. <i>Angewandte Chemie</i> , 2021, 133, 8516-8521.	1.6	29
63	Synthesis and Photoluminescence Properties of Heteroleptic Europium(III) Complexes with Appended Carbazole Units. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 2075-2080.	1.0	28
64	Preparation and luminescence of transparent zeolite L-polymer hybrid materials. <i>Journal of Materials Chemistry</i> , 2012, 22, 4056.	6.7	28
65	Synthesis and resistive switching characteristics of polyimides derived from 2,7-aryl substituents tetraphenyl fluorene diamines. <i>European Polymer Journal</i> , 2018, 108, 85-97.	2.6	28
66	Efficient sensitized emission in Yb(III) pentachlorotropolonate complexes. <i>Chemical Communications</i> , 2013, 49, 1933.	2.2	27
67	Organic Room-Temperature Phosphorescence with Strong Circularly Polarized Luminescence Based on Paracyclophanes. <i>Angewandte Chemie</i> , 2019, 131, 17380-17385.	1.6	27
68	Carbazole-Based Iridium(III) Complexes for Electrophosphorescence with EQE of 32.2% and Low Efficiency Roll-Off. <i>Advanced Optical Materials</i> , 2021, 9, 2001390.	3.6	27
69	Syntheses, Photoluminescence, and Electroluminescence of Iridium(III) Complexes with Fluorinated 2-Phenylpyridine as Main Ligands and Tetraphenylimidodiphosphinate as Ancillary Ligand. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 5683-5693.	1.0	26
70	Photoresponsive Propeller-Like Chiral AIE Copper(I) Clusters. <i>Angewandte Chemie</i> , 2020, 132, 5374-5378.	1.6	26
71	A Series of Fused Carbazole/Carbonyl Based Blue to Yellow-Green Thermally Activated Delayed Fluorescence Materials for Efficient Organic Light-Emitting Diodes. <i>Advanced Optical Materials</i> , 2021, 9, 2100784.	3.6	26
72	Crystal structure, photoluminescence and electroluminescence of three bluish green light-emitting iridium complexes. <i>Dalton Transactions</i> , 2016, 45, 7366-7372.	1.6	25

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73	Highly efficient orange-red electroluminescence of iridium complexes with good electron mobility. <i>Journal of Materials Chemistry C</i> , 2017, 5, 8150-8159.	2.7	25
74	Photoluminescence and electroluminescence of iridium(III) complexes with 2,6-bis(trifluoromethyl)-2,4-bipyridine and 1,3,4-oxadiazole/1,3,4-thiadiazole derivative ligands. <i>Dalton Transactions</i> , 2017, 46, 845-853.	1.6	24
75	Highly efficient green and red electroluminescence with an extremely low efficiency roll-off based on iridium(III) complexes containing a bis(diphenylphosphorothioyl)amide ancillary ligand. <i>Journal of Materials Chemistry C</i> , 2019, 7, 2570-2576.	2.7	24
76	Aggregation-Induced Emissive and Circularly Polarized Homogeneous Sulfonyl-peptide Foldamers. <i>Advanced Optical Materials</i> , 2020, 8, 1902122.	3.6	24
77	Highly Efficient Sensitized Chiral Hybridized Local and Charge-Transfer Emitter Circularly Polarized Electroluminescence. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	24
78	Efficient organic light-emitting diodes with low efficiency roll-off using iridium emitter with 2-(5-phenyl-1,3,4-oxadiazol-2-yl)phenol as ancillary ligand. <i>Journal of Organometallic Chemistry</i> , 2014, 765, 39-45.	0.8	23
79	Highly efficient green phosphorescent organic electroluminescent devices with a terbium complex as the sensitizer. <i>Dyes and Pigments</i> , 2017, 136, 361-367.	2.0	23
80	Tunable Emission Color of Iridium(III) Complexes with Phenylpyrazole Derivatives as the Main Ligands for Organic Light-Emitting Diodes. <i>Organometallics</i> , 2018, 37, 3154-3164.	1.1	23
81	Iridium(III) phosphors with bis(diphenylphosphorothioyl)amide ligand for efficient green and sky-blue OLEDs with EQE of nearly 28%. <i>Journal of Materials Chemistry C</i> , 2018, 6, 9010-9016.	2.7	23
82	Green multi-resonance thermally activated delayed fluorescence emitters containing phenoxazine units with highly efficient electroluminescence. <i>Journal of Materials Chemistry C</i> , 2022, 10, 768-773.	2.7	23
83	Efficient circularly polarized photoluminescence and electroluminescence of chiral spiro-skeleton based thermally activated delayed fluorescence molecules. <i>Science China Chemistry</i> , 2022, 65, 1347-1355.	4.2	23
84	Efficient organic light-emitting diodes with low efficiency roll-off at high brightness using iridium emitters based on 2-(4-trifluoromethyl-6-fluoro phenyl)pyridine and tetraphenylimidodiphosphinate derivatives. <i>Dyes and Pigments</i> , 2014, 105, 105-113.	2.0	22
85	Green phosphorescent organic electroluminescent devices with 27.9% external quantum efficiency by employing a terbium complex as a co-dopant. <i>Journal of Materials Chemistry C</i> , 2019, 7, 7953-7958.	2.7	22
86	Frontiers in chiral phosphorescent complexes for circularly polarized electroluminescence. <i>Dalton Transactions</i> , 2022, 51, 9966-9970.	1.6	22
87	Synthesis, structure, photophysical and electrochemical properties of series of new fac-trisyclometallated iridium complexes with carbazole or oxadiazole moieties. <i>Inorganica Chimica Acta</i> , 2012, 391, 50-57.	1.2	21
88	Pyridinylphosphorothioate-based blue iridium(III) complex with double chiral centers for circularly polarized electroluminescence. <i>Journal of Materials Chemistry C</i> , 2021, 9, 5244-5249.	2.7	21
89	Blue Axially Chiral Biphenyl Based Thermally Activated Delayed Fluorescence Materials for Efficient Circularly Polarized OLEDs. <i>Advanced Optical Materials</i> , 2021, 9, 2100596.	3.6	21
90	Green organic light-emitting devices with external quantum efficiency up to nearly 30% based on an iridium complex with a tetraphenylimidodiphosphinate ligand. <i>RSC Advances</i> , 2016, 6, 63200-63205.	1.7	20

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91	Fast synthesis of iridium(^{III}) complexes with sulfur-containing ancillary ligand for high-performance green OLEDs with EQE exceeding 31%. <i>Journal of Materials Chemistry C</i> , 2019, 7, 7273-7278.	2.7	20
92	Interfacial engineering of CuSCN-based perovskite solar cells <i>via</i> PMMA interlayer toward enhanced efficiency and stability. <i>New Journal of Chemistry</i> , 2021, 45, 13168-13174.	1.4	20
93	Efficient orange-red electroluminescence of iridium complexes with 1-(2,6-bis(trifluoromethyl)pyridin-4-yl)isoquinoline and 4-(2,6-bis(trifluoromethyl)pyridin-4-yl)quinazoline ligands. <i>Dalton Transactions</i> , 2017, 46, 14916-14925.	1.6	19
94	Highly efficient yellow electroluminescence of iridium complexes with good electron mobility. <i>Materials Chemistry Frontiers</i> , 2018, 2, 1284-1290.	3.2	19
95	Efficient phosphorescent red iridium(^{III}) complexes containing a four-membered Ir ^{III} -S ²⁻ -C ²⁺ -S ring backbone and large hindered spacers for high-performance OLEDs. <i>Journal of Materials Chemistry C</i> , 2019, 7, 3862-3868.	2.7	19
96	Organic Long Persistent Luminescence Through In Situ Generation of Cuprous(I) Ion Pairs in Ionic Solids. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 24437-24442.	7.2	19
97	Improved efficiency roll-off at high brightness in simplified phosphorescent organic light emitting diodes with a crossfading-host. <i>Organic Electronics</i> , 2013, 14, 2682-2686.	1.4	18
98	Syntheses, crystal structure and photophysical property of iridium complexes with 1,3,4-oxadiazole and 1,3,4-thiadiazole derivatives as ancillary ligands. <i>Journal of Organometallic Chemistry</i> , 2015, 785, 11-18.	0.8	18
99	Redox-active benzimidazolium sulfonamides as cationic thiolating reagents for reductive cross-coupling of organic halides. <i>Chemical Science</i> , 2021, 12, 2509-2514.	3.7	18
100	Highly efficient green electroluminescence of iridium(^{III}) complexes based on (1 <i>H</i> -pyrazol-5-yl)pyridine derivatives ancillary ligands with low efficiency roll-off. <i>Journal of Materials Chemistry C</i> , 2018, 6, 5778-5784.	2.7	17
101	Syntheses, Crystal Structures, and Photoluminescence of a Series of Iridium(III) Complexes Containing the Pentafluorosulfanyl Group. <i>Organometallics</i> , 2019, 38, 3553-3559.	1.1	17
102	Two blue iridium complexes for efficient electroluminescence with low efficiency roll-off. <i>RSC Advances</i> , 2015, 5, 89218-89225.	1.7	16
103	Suppression of efficiency roll-off in highly efficient blue phosphorescent organic light-emitting devices using novel iridium phosphors with good electron mobility. <i>Organic Electronics</i> , 2017, 42, 141-145.	1.4	16
104	A series of red iridium(^{III}) complexes using flexible dithiocarbamate derivatives as ancillary ligands for highly efficient phosphorescent OLEDs. <i>Materials Chemistry Frontiers</i> , 2019, 3, 860-866.	3.2	16
105	Leaving Group Assisted Strategy for Photoinduced Fluoroalkylations Using <i>N</i> -Hydroxybenzimidoyl Chloride Esters. <i>Angewandte Chemie</i> , 2019, 131, 634-637.	1.6	16
106	Four-membered red iridium(^{III}) complexes with Ir ^{III} -S ²⁻ -C ²⁺ -S structures for efficient organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2020, 8, 7411-7416.	2.7	16
107	Chiral Thermally Activated Delayed Fluorescence Emitters-Based Efficient Circularly Polarized Organic Light-Emitting Diodes Featuring Low Efficiency Roll-Off. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 56413-56419.	4.0	16
108	Highly efficient bluish green organic light-emitting diodes of iridium(^{III}) complexes with low efficiency roll-off. <i>Dalton Transactions</i> , 2018, 47, 7587-7593.	1.6	15

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109	Efficient organic light-emitting diodes based on iridium(<i>iii</i>) complexes containing indolo[3,2,1- <i>jk</i>]carbazole derivatives with narrow emission bandwidths and low efficiency roll-offs. <i>Journal of Materials Chemistry C</i> , 2021, 9, 8226-8232.	2.7	15
110	Molecular self-induced configuration for improving dissymmetry factors in tetradentate platinum(II) enantiomers cycloaddition. <i>Chinese Chemical Letters</i> , 2022, 33, 1459-1462.	4.8	15
111	All-solid-state continuous-wave frequency doubling Nd:YLF/LBO laser with 2.15 W output power at 526 nm. <i>Laser Physics</i> , 2010, 20, 1580-1584.	0.6	14
112	Construction of Identical [2 + 2] Schiff-Base Macrocyclic Ligands by Ln ^{III} and Zn ^{II} Template Ions Including Efficient Yb ^{III} Near-Infrared Sensitizers. <i>Inorganic Chemistry</i> , 2015, 54, 5295-5300.	1.9	14
113	Highly efficient yellow phosphorescent organic light-emitting diodes with novel phosphine oxide-based bipolar host materials. <i>Journal of Materials Chemistry C</i> , 2015, 3, 11540-11547.	2.7	14
114	Photoluminescence and electroluminescence of four platinum complexes with trifluoromethyl-substituted 2-phenylpyridine and tetraphenylimidodiphosphinate ligands. <i>Dyes and Pigments</i> , 2017, 143, 33-41.	2.0	14
115	Rational Design of the Platinahelicene Enantiomers for Deep-Red Circularly Polarized Organic Light-Emitting Diodes. <i>Frontiers in Chemistry</i> , 2020, 8, 501.	1.8	14
116	Efficient circularly polarized thermally activated delayed fluorescence hetero-[4]helicene with carbonyl-/sulfone-bridged triarylamine structures. <i>Journal of Materials Chemistry C</i> , 2022, 10, 4393-4401.	2.7	14
117	Synthesis, photoluminescence and electroluminescence of one iridium complex with 2-(2,4-difluorophenyl)-4-(trifluoromethyl)pyrimidine and tetraphenylimidodiphosphinate ligands. <i>Journal of Organometallic Chemistry</i> , 2017, 848, 226-231.	0.8	13
118	Light-controlled efficient photoluminescence based on an europium ^{II} -diketonate complex with single-crystal-to-single-crystal [2+2] cycloaddition. <i>Chemical Communications</i> , 2019, 55, 12873-12876.	2.2	13
119	Two Green-Phosphorescent Iridium Complexes with 2-Phenylpyrimidine Derivatives and Tetraphenylimidodiphosphinate for Efficient Organic Light-Emitting Diodes. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 2556-2561.	1.0	12
120	Photoluminescence and electroluminescence of deep red iridium(III) complexes with 2,3-diphenylquinoxaline derivatives and 1,3,4-oxadiazole derivatives ligands. <i>RSC Advances</i> , 2017, 7, 37021-37031.	1.7	12
121	Green-emitting iridium(III) complexes containing pyridine sulfonic acid as ancillary ligands for efficient OLEDs with extremely low efficiency roll-off. <i>Journal of Materials Chemistry C</i> , 2019, 7, 11606-11611.	2.7	12
122	Rapid room temperature synthesis of red iridium(<i>iii</i>) complexes with Ir ^{III} -S ₂ C ₂ S structures for efficient OLEDs. <i>Journal of Materials Chemistry C</i> , 2019, 7, 6972-6977.	2.7	12
123	Green iridium complexes based on pyrimidine derivatives for efficient electroluminescence with EQE near 30%. <i>Dyes and Pigments</i> , 2019, 160, 863-871.	2.0	12
124	Iridium(III) complexes adopting thienylpyridine derivatives for yellow-to-deep red OLEDs with low efficiency roll-off. <i>Dyes and Pigments</i> , 2019, 162, 863-871.	2.0	12
125	1-(N-phenylamino)naphthalene oligomers as novel hole transport materials for highly efficient green electrophosphorescence. <i>Dyes and Pigments</i> , 2015, 118, 1-8.	2.0	11
126	Efficient Electroluminescence of Two Heteroleptic Platinum Complexes with a 2-(5-Phenyl-1,3,4-oxadiazol-2-yl)phenol Ancillary Ligand. <i>Organometallics</i> , 2017, 36, 448-454.	1.1	11

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