

# You-Xuan Zheng

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

168  
papers

4,149  
citations

34  
h-index

57  
g-index

180  
ext. papers

5,628  
ext. citations

7.1  
avg. IF

5.97  
L-index

#	Paper	IF	Citations
168	Fabrication of Circularly Polarized MR-TADF Emitters with Asymmetrical Peripheral-Lock Enhancing Helical B/N-Doped Nanographenes (Adv. Mater. 1/2022). <i>Advanced Materials</i> , <b>2022</b> , 34, 2270006	24	
167	Efficient circularly polarized thermally activated delayed fluorescence hetero-[4]helicene with carbonyl-/sulfone-bridged triarylamine structures. <i>Journal of Materials Chemistry C</i> , <b>2022</b> , 10, 4393-4401	7.1	2
166	Efficient and Stable Wide-Bandgap Perovskite Solar Cells Derived from a Thermodynamic Phase-Pure Intermediate. <i>Solar Rrl</i> , <b>2022</b> , 6, 2100906	7.1	4
165	Chiral Thermally Activated Delayed Fluorescence Emitters-Based Efficient Circularly Polarized Organic Light-Emitting Diodes Featuring Low Efficiency Roll-Off. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 56413-56419	9.5	4
164	Frontiers in circularly polarized luminescence: molecular design, self-assembly, nanomaterials, and applications. <i>Science China Chemistry</i> , <b>2021</b> , 64, 2060	7.9	46
163	Circularly Polarized Organic Room Temperature Phosphorescence from Amorphous Copolymers. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 18527-18535	16.4	17
162	Fabrication of Circularly Polarized MR-TADF Emitters with Asymmetrical Peripheral-Lock Enhancing Helical B/N-Doped Nanographenes. <i>Advanced Materials</i> , <b>2021</b> , e2105080	24	22
161	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> , <b>2021</b> , 60, 8435-8440	16.4	39
160	Efficient Circularly Polarized Electroluminescence from Chiral Thermally Activated Delayed Fluorescence Emitters Featuring Symmetrical and Rigid Coplanar Acceptors. <i>Advanced Optical Materials</i> , <b>2021</b> , 9, 2100017	8.1	14
159	Simple Synthesis of Red Iridium(III) Complexes with Sulfur-Contained Four-Membered Ancillary Ligands for OLEDs. <i>Molecules</i> , <b>2021</b> , 26,	4.8	1
158	Two-Photon Ionization Induced Stable White Organic Long Persistent Luminescence. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 16984-16988	16.4	14
157	Semitransparent Circularly Polarized Phosphorescent Organic Light-Emitting Diodes with External Quantum Efficiency over 30% and Dissymmetry Factor Close to 100. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2102898	15.6	13
156	Two-Photon Ionization Induced Stable White Organic Long Persistent Luminescence. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 17121-17125	3.6	3
155	Chiral Thermally Activated Delayed Fluorescence Materials Based on R/S-N2,N2'-Diphenyl-[1,1'-binaphthalene]-2,2'-diamine Donor with Narrow Emission Spectra for Highly Efficient Circularly Polarized Electroluminescence. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2103875	15.6	16
154	Carbazole-Based Iridium(III) Complexes for Electrophosphorescence with EQE of 32.2% and Low Efficiency Roll-Off. <i>Advanced Optical Materials</i> , <b>2021</b> , 9, 2001390	8.1	10
153	Design of pyridinylphosphinate-based blue iridium phosphors for high-efficiency organic light-emitting diodes. <i>Dalton Transactions</i> , <b>2021</b> , 50, 3887-3893	4.3	5
152	A narrowband blue circularly polarized thermally activated delayed fluorescence emitter with a hetero-helicene structure. <i>Chemical Communications</i> , <b>2021</b> , 57, 11041-11044	5.8	10

151	Pyridinylphosphorothioate-based blue iridium(III) complex with double chiral centers for circularly polarized electroluminescence. <i>Journal of Materials Chemistry C</i> , <b>2021</b> , 9, 5244-5249	7.1	5
150	Efficient organic light-emitting diodes based on iridium(III) complexes containing indolo[3,2,1-jk]carbazole derivatives with narrow emission bandwidths and low efficiency roll-offs. <i>Journal of Materials Chemistry C</i> , <b>2021</b> , 9, 8226-8232	7.1	5
149	Efficient green electroluminescent devices with low operation voltage and slow efficiency roll-off by utilizing hole transport material as host. <i>Optical Materials</i> , <b>2021</b> , 112, 110773	3.3	0
148	Coordination Strategy Driving the Formation of Compact CuSCN Hole-Transporting Layers for Efficient Perovskite Solar Cells. <i>Solar Rrl</i> , <b>2021</b> , 5, 2000777	7.1	2
147	Chiral Spiro-Axis Induced Blue Thermally Activated Delayed Fluorescence Material for Efficient Circularly Polarized OLEDs with Low Efficiency Roll-Off. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 8516-8521	3.6	6
146	Blue Axially Chiral Biphenyl Based Thermally Activated Delayed Fluorescence Materials for Efficient Circularly Polarized OLEDs. <i>Advanced Optical Materials</i> , <b>2021</b> , 9, 2100596	8.1	5
145	Organic Long Persistent Luminescence Through In Situ Generation of Cuprous(I) Ion Pairs in Ionic Solids. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 24642	3.6	0
144	Organic Long Persistent Luminescence Through In Situ Generation of Cuprous(I) Ion Pairs in Ionic Solids. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 24437-24442	16.4	2
143	Interfacial engineering of CuSCN-based perovskite solar cells via PMMA interlayer toward enhanced efficiency and stability. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 13168-13174	3.6	1
142	Efficient organic light-emitting diodes with narrow emission bandwidths based on iridium(III) complexes with a pyrido[3,2,1-jk]pyrrolo[3,2,1-jk]carbazole unit. <i>Materials Chemistry Frontiers</i> , <b>2021</b> , 5, 6951-6959	7.8	4
141	Axially Chiral Biphenyl Compound-Based Thermally Activated Delayed Fluorescent Materials for High-Performance Circularly Polarized Organic Light-Emitting Diodes. <i>Advanced Science</i> , <b>2020</b> , 7, 2000804	13.6	33
140	Rational Design of the Platinahelicene Enantiomers for Deep-Red Circularly Polarized Organic Light-Emitting Diodes. <i>Frontiers in Chemistry</i> , <b>2020</b> , 8, 501	5	6
139	Photoresponsive Propeller-like Chiral AIE Copper(I) Clusters. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 5374-5378	3.6	18
138	Enantiomorphic Perovskite Ferroelectrics with Circularly Polarized Luminescence. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 4756-4761	16.4	94
137	Circularly Polarized Luminescence from Chiral Tetranuclear Copper(I) Iodide Clusters. <i>Journal of Physical Chemistry Letters</i> , <b>2020</b> , 11, 1255-1260	6.4	40
136	Photoresponsive Propeller-like Chiral AIE Copper(I) Clusters. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 5336-5340	16.4	62
135	Visible-Light-Mediated Click Chemistry for Highly Regioselective Azide-Alkyne Cycloaddition by a Photoredox Electron-Transfer Strategy. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 5694-5700	4.8	19
134	Organic and quantum-dot hybrid white LEDs using a narrow bandwidth blue TADF emitter. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 10831-10836	7.1	4

133	Multicolor Circularly Polarized Photoluminescence and Electroluminescence with 1,2-Diaminocyclohexane Enantiomers. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 23172-23180	9.5	24
132	Aggregation-Induced Emissive and Circularly Polarized Homogeneous Sulfonyl-Apeptide Foldamers. <i>Advanced Optical Materials</i> , <b>2020</b> , 8, 1902122	8.1	13
131	Four-membered red iridium(III) complexes with Ir <sub>2</sub> S <sub>2</sub> structures for efficient organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 7411-7416	7.1	11
130	Integrated redox-active reagents for photoinduced regio- and stereoselective fluorocarbonylation. <i>Nature Communications</i> , <b>2020</b> , 11, 2572	17.4	15
129	Efficient blue, green and red iridium(III) complexes with noncovalently-linked pyrazole/pyrazolide rings for organic light-emitting diodes. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 530-536	3.6	1
128	Circularly Polarized Thermally Activated Delayed Fluorescence Emitters in Through-Space Charge Transfer on Asymmetric Spiro Skeletons. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 17756-17765	16.4	81
127	The electron inductive effect of dual non-conjugated trifluoromethyl acceptors for highly efficient thermally activated delayed fluorescence OLEDs. <i>Dyes and Pigments</i> , <b>2020</b> , 183, 108705	4.6	1
126	Enantiomeric MOF Crystals Using Helical Channels as Palettes with Bright White Circularly Polarized Luminescence. <i>Advanced Materials</i> , <b>2020</b> , 32, e2002914	24	65
125	Redox-active benzimidazolium sulfonamides as cationic thiolating reagents for reductive cross-coupling of organic halides. <i>Chemical Science</i> , <b>2020</b> , 12, 2509-2514	9.4	4
124	Organic Room-Temperature Phosphorescence with Strong Circularly Polarized Luminescence Based on Paracyclophanes. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 17380-17385	3.6	12
123	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> , <b>2019</b> , 7, 11606-11611	7.1	8
122	Syntheses, Crystal Structures, and Photoluminescence of a Series of Iridium(III) Complexes Containing the Pentafluorosulfanyl Group. <i>Organometallics</i> , <b>2019</b> , 38, 3553-3559	3.8	9
121	Two platinum(II) complexes with a 4-phenyl-4H-1,2,4-triazole derivative as an ancillary ligand for efficient green OLEDs. <i>Dalton Transactions</i> , <b>2019</b> , 48, 1892-1899	4.3	6
120	Two green iridium(III) complexes containing the electron-transporting group of 4-phenyl-4H-1,2,4-triazole for highly efficient OLEDs. <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 2022-2028	7.1	6
119	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> , <b>2019</b> , 7, 2570-2576	7.1	17
118	Fast Synthesis of Iridium(III) Complexes Incorporating a Bis(diphenylphosphorothioyl)amide Ligand for Efficient Pure Green OLEDs. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 7184-7191	9.5	28
117	Chiral iridium(III) complexes with four-membered Ir-S-P-S chelating rings for high-performance circularly polarized OLEDs. <i>Chemical Communications</i> , <b>2019</b> , 55, 8215-8218	5.8	54
116	Room temperature fast synthesis four-membered red iridium(III) complexes containing Ir <sub>2</sub> S <sub>2</sub> structures for OLEDs. <i>Journal of Organometallic Chemistry</i> , <b>2019</b> , 896, 188-193	2.3	2

115	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> , <b>2019</b> , 7, 7953-7958	7.1	16
114	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 &amp; Interfaces</i> , <b>2019</b> , 11, 20192-20199	9.5	20
113	Rapid room temperature synthesis of red iridium(III) complexes with Ir <sup>III</sup> structures for efficient OLEDs. <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 6972-6977	7.1	7
112	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> , <b>2019</b> , 7, 7045-7052	7.1	34
111	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> , <b>2019</b> , 31, e1900524	24	123
110	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> , <b>2019</b> , 7, 7273-7278	7.1	14
109	Sulfur atom containing ligands induced rapid room temperature synthesis of red iridium(III) complexes with Ir <sup>III</sup> structures for OLEDs. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 8722-8727	3.6	4
108	Four-membered red iridium(III) complexes with Ir-S-P-S structures: rapid room-temperature synthesis and application in OLEDs. <i>Dalton Transactions</i> , <b>2019</b> , 48, 7583-7588	4.3	8
107	A series of red iridium(III) complexes using flexible dithiocarbamate derivatives as ancillary ligands for highly efficient phosphorescent OLEDs. <i>Materials Chemistry Frontiers</i> , <b>2019</b> , 3, 860-866	7.8	8
106	Efficient phosphorescent red iridium(III) complexes containing a four-membered Ir <sup>III</sup> ring backbone and large hindered spacers for high-performance OLEDs. <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 3862-3868	7.1	9
105	Configurationally Stable Platinahelicene Enantiomers for Efficient Circularly Polarized Phosphorescent Organic Light-Emitting Diodes. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 5672-5676	4.8	55
104	Efficient sky-blue OLEDs with extremely low efficiency roll-off based on stable iridium complexes with a bis(diphenylphorothioyl)amide ligand. <i>Dalton Transactions</i> , <b>2019</b> , 48, 9744-9750	4.3	7
103	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> , <b>2019</b> , 10, 3535-3542	9.4	33
102	Helical Sulfonyl-Apeptides with Aggregation-Induced Emission and Circularly Polarized Luminescence. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 12697-12706	16.4	63
101	Organic Room-Temperature Phosphorescence with Strong Circularly Polarized Luminescence Based on Paracyclophanes. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 17220-17225	16.4	52
100	Light-controlled efficient photoluminescence based on an europium $\beta$ -diketonate complex with single-crystal-to-single-crystal [2+2] cycloaddition. <i>Chemical Communications</i> , <b>2019</b> , 55, 12873-12876	5.8	10
99	Green iridium complexes based on pyrimidine derivatives for efficient electroluminescence with EQE near 30%. <i>Dyes and Pigments</i> , <b>2019</b> , 160, 863-871	4.6	7
98	Leaving Group Assisted Strategy for Photoinduced Fluoroalkylations Using N-Hydroxybenzimidoyl Chloride Esters. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 634-637	3.6	11

97	Leaving Group Assisted Strategy for Photoinduced Fluoroalkylations Using N-Hydroxybenzimidoyl Chloride Esters. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 624-627	16.4	42
96	Iridium(III) complexes adopting thienylpyridine derivatives for yellow-to-deep red OLEDs with low efficiency roll-off. <i>Dyes and Pigments</i> , <b>2019</b> , 162, 863-871	4.6	8
95	Thermally Activated Delayed Fluorescence Materials: Towards Realization of High Efficiency through Strategic Small Molecular Design. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 5623-5642	4.8	100
94	High sensitization efficiency and energy transfer routes for population inversion at low pump intensity in Er organic complexes for IR amplification. <i>Scientific Reports</i> , <b>2018</b> , 8, 3226	4.9	6
93	Efficient electroluminescence of bluish green iridium complexes with 2-(3,5-bis(trifluoromethyl)phenyl)pyrimidine and 2-(3,5-bis(trifluoromethyl)phenyl)-5-fluoropyrimidine as the main ligands. <i>Inorganic Chemistry Frontiers</i> , <b>2018</b> , 5, 1545-1552	6.8	2
92	The Taiji and Eight Trigrams chemistry philosophy of chiral iridium(iii) complexes with triplex stereogenic centers. <i>Dalton Transactions</i> , <b>2018</b> , 47, 4045-4048	4.3	9
91	Versatile functionalization of trifluoromethyl based deep blue thermally activated delayed fluorescence materials for organic light emitting diodes. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 4317-4323	3.6	23
90	Highly efficient bluish green organic light-emitting diodes of iridium(iii) complexes with low efficiency roll-off. <i>Dalton Transactions</i> , <b>2018</b> , 47, 7587-7593	4.3	12
89	Highly efficient yellow electroluminescence of iridium complexes with good electron mobility. <i>Materials Chemistry Frontiers</i> , <b>2018</b> , 2, 1284-1290	7.8	15
88	Enhancing the sensitization efficiency of erbium doped organic complexes by heavy halogen substitution. <i>Journal of Materials Chemistry C</i> , <b>2018</b> , 6, 7012-7017	7.1	1
87	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> , <b>2018</b> , 6, 9010-9016	7.1	18
86	Nonvolatile write-once read-many-times memory behaviors of polyimides containing tetraphenyl fluorene core and the pendant triphenylamine or carbazole moieties. <i>Journal of Polymer Science Part A</i> , <b>2018</b> , 56, 1630-1644	2.5	8
85	Efficient bluish green electroluminescence of iridium complexes with good electron mobility. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 13351-13357	3.6	3
84	Rational design of phosphorescent iridium(III) complexes for emission color tunability and their applications in OLEDs. <i>Coordination Chemistry Reviews</i> , <b>2018</b> , 374, 55-92	23.2	143
83	Highly efficient green electroluminescence of iridium(III) complexes based on (1H-pyrazol-5-yl)pyridine derivatives ancillary ligands with low efficiency roll-off. <i>Journal of Materials Chemistry C</i> , <b>2018</b> , 6, 5778-5784	7.1	9
82	Efficient electroluminescence of sky-blue iridium(III) complexes for organic light-emitting diodes. <i>Dyes and Pigments</i> , <b>2018</b> , 159, 100-106	4.6	2
81	Efficient green photoluminescence and electroluminescence of iridium complexes with high electron mobility. <i>Dalton Transactions</i> , <b>2018</b> , 47, 16543-16550	4.3	7
80	Synthesis and non-volatile electrical memory characteristics of triphenylamine-based polyimides with flexibility segments. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 19008-19019	3.6	5

79	Photoluminescence and electroluminescence of four orange-red and red organic iridium(III) complexes. <i>Journal of Organometallic Chemistry</i> , <b>2018</b> , 876, 35-42	2.3	3
78	Orange red iridium complexes with good electron mobility and mild OLED efficiency roll-off. <i>Journal of Organometallic Chemistry</i> , <b>2018</b> , 876, 26-34	2.3	8
77	Tunable Emission Color of Iridium(III) Complexes with Phenylpyrazole Derivatives as the Main Ligands for Organic Light-Emitting Diodes. <i>Organometallics</i> , <b>2018</b> , 37, 3154-3164	3.8	19
76	Synthesis and resistive switching characteristics of polyimides derived from 2,7-aryl substituents tetraphenyl fluorene diamines. <i>European Polymer Journal</i> , <b>2018</b> , 108, 85-97	5.2	19
75	Efficient yellow electroluminescence of four iridium(iii) complexes with benzo[d]thiazole derivatives as main ligands. <i>Dalton Transactions</i> , <b>2018</b> , 47, 8032-8040	4.3	7
74	Peripheral Amplification of Multi-Resonance Induced Thermally Activated Delayed Fluorescence for Highly Efficient OLEDs. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 11316-11320	16.4	178
73	Peripheral Amplification of Multi-Resonance Induced Thermally Activated Delayed Fluorescence for Highly Efficient OLEDs. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 11486-11490	3.6	46
72	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> , <b>2017</b> , 5, 2066-2073	7.1	25
71	Photoluminescence and electroluminescence of an iridium(III) complex with 2,6-bis(trifluoromethyl)-2,4-bipyridine and 2-(5-phenyl-1,3,4-thiadiazol-2-yl)phenol ligands. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 3029-3035	3.6	6
70	Efficient green electroluminescence based on an iridium(III) complex with different device structures. <i>RSC Advances</i> , <b>2017</b> , 7, 2615-2620	3.7	8
69	Photoluminescence and electroluminescence of four platinum complexes with trifluoromethyl-substituted 2-phenylpyridine and tetraphenylimidodiphosphinate ligands. <i>Dyes and Pigments</i> , <b>2017</b> , 143, 33-41	4.6	13
68	Photocatalyzed cascade oxidative annulation of propargylamines and phosphine oxides. <i>Chemical Communications</i> , <b>2017</b> , 53, 6637-6640	5.8	25
67	Efficient deep red electroluminescence of iridium(III) complexes with 2,3-diphenylquinoxaline derivatives and tetraphenylimidodiphosphinate. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 3714-3724	7.1	27
66	Efficient Electroluminescence of Two Heteroleptic Platinum Complexes with a 2-(5-Phenyl-1,3,4-oxadiazol-2-yl)phenol Ancillary Ligand. <i>Organometallics</i> , <b>2017</b> , 36, 448-454	3.8	11
65	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> , <b>2017</b> , 42, 141-145	3.5	14
64	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> , <b>2017</b> , 46, 845-853	4.3	22
63	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> , <b>2017</b> , 46, 14916-14925	4.3	14
62	Highly efficient orange-red electroluminescence of iridium complexes with good electron mobility. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 8150-8159	7.1	19

61	Novel phosphine oxide-based electron-transporting materials for efficient phosphorescent organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 8579-8585	7.1	4
60	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> , <b>2017</b> , 7, 37027-37031	3.7	8
59	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> , <b>2017</b> , 848, 226-231	2.3	12
58	Highly efficient green phosphorescent organic electroluminescent devices with a terbium complex as the sensitizer. <i>Dyes and Pigments</i> , <b>2017</b> , 136, 361-367	4.6	18
57	Hole-transporting small molecules as a mixed host for efficient solution processed green phosphorescent organic light emitting diodes. <i>Organic Electronics</i> , <b>2016</b> , 38, 29-34	3.5	9
56	Two Green-Phosphorescent Iridium Complexes with 2-Phenylpyrimidine Derivatives and Tetraphenylimidodiphosphinate for Efficient Organic Light-Emitting Diodes. <i>European Journal of Inorganic Chemistry</i> , <b>2016</b> , 2016, 2556-2561	2.3	11
55	Iridium(III) phosphorescent complexes with dual stereogenic centers: single crystal, electronic circular dichroism evidence and circularly polarized luminescence properties. <i>Dalton Transactions</i> , <b>2016</b> , 45, 19234-19237	4.3	36
54	Crystal structure, photoluminescence and electroluminescence of three bluish green light-emitting iridium complexes. <i>Dalton Transactions</i> , <b>2016</b> , 45, 7366-72	4.3	23
53	Syntheses, photoluminescence and electroluminescence of two novel platinum(II) complexes. <i>Dalton Transactions</i> , <b>2016</b> , 46, 150-157	4.3	8
52	Efficient green electroluminescent devices based on iridium complex with wide energy gap complexes as sensitizers. <i>Organic Electronics</i> , <b>2016</b> , 37, 85-92	3.5	10
51	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> , <b>2016</b> , 6, 63200-63205	3.7	17
50	Novel Design of Iridium Phosphors with Pyridinylphosphinate Ligands for High-Efficiency Blue Organic Light-emitting Diodes. <i>Scientific Reports</i> , <b>2016</b> , 6, 38478	4.9	28
49	Rapid and facile ratiometric detection of an anthrax biomarker by regulating energy transfer process in bio-metal-organic framework. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 85, 287-293	11.8	111
48	Cyclometallated iridium phosphors with amino acid ancillary ligand for intracellular imaging. <i>Chinese Chemical Letters</i> , <b>2016</b> , 27, 1582-1585	8.1	4
47	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> , <b>2016</b> , 4, 1726-1731	8.1	28
46	1-(N-phenylamino)naphthalene oligomers as novel hole transport materials for highly efficient green electrophosphorescence. <i>Dyes and Pigments</i> , <b>2015</b> , 118, 1-8	4.6	11
45	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> , <b>2015</b> , 785, 11-18	2.3	18
44	Yellow electrophosphorescent devices with hosts containing N1-(naphthalen-1-yl)-N1,N4-diphenylnaphthalene-1,4-diamine and tetraphenylsilane units. <i>RSC Advances</i> , <b>2015</b> , 5, 27235-27241	3.7	7



43	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> , <b>2015</b> , 54, 5295-300	5.1	14
42	Efficient OLEDs with low efficiency roll-off using iridium complexes possessing good electron mobility. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 3694-3701	7.1	78
41	Two blue iridium complexes for efficient electroluminescence with low efficiency roll-off. <i>RSC Advances</i> , <b>2015</b> , 5, 89218-89225	3.7	14
40	Highly efficient yellow phosphorescent organic light-emitting diodes with novel phosphine oxide-based bipolar host materials. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 11540-11547	7.1	13
39	Highly efficient yellow phosphorescent OLEDs based on two novel bipolar host materials. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 7954-7960	3.6	6
38	Circularly polarised phosphorescent photoluminescence and electroluminescence of iridium complexes. <i>Scientific Reports</i> , <b>2015</b> , 5, 14912	4.9	118
37	N-Heterocyclic carbenes: versatile second cyclometalated ligands for neutral iridium(III) heteroleptic complexes. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 161-73	5.1	74
36	Organo-erbium systems for optical amplification at telecommunications wavelengths. <i>Nature Materials</i> , <b>2014</b> , 13, 382-6	27	101
35	High-performance green phosphorescent top-emitting organic light-emitting diodes based on FDTD optical simulation. <i>Organic Electronics</i> , <b>2014</b> , 15, 864-870	3.5	7
34	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 tetraphenylimidodiphosphate derivatives. <i>Dyes and Pigments</i> , <b>2014</b> , 105, 105-113	4.6	21
33	Efficient blue-green and green electroluminescent devices obtained by doping iridium complexes into hole-block material as supplementary light-emitting layer. <i>Journal of Luminescence</i> , <b>2014</b> , 148, 6-9	3.8	8
32	Dramatic improvement in photostability of luminescent Eu(III) complexes with tetraphenylimidodiphosphate ligand. <i>Journal of Luminescence</i> , <b>2014</b> , 146, 544-549	3.8	9
31	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> , <b>2014</b> , 2, 1116-1124	7.1	32
30	High efficiency green phosphorescent top-emitting organic light-emitting diode with ultrathin non-doped emissive layer. <i>Organic Electronics</i> , <b>2014</b> , 15, 2408-2413	3.5	7
29	Syntheses, crystal structure, photophysical property and theoretical study of a new series of iridium complexes with N-(diphenylphosphoryl)benzamide derivatives as the ancillary ligands. <i>Journal of Organometallic Chemistry</i> , <b>2014</b> , 755, 110-119	2.3	6
28	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> , <b>2014</b> , 765, 39-45	2.3	22
27	High efficiency green phosphorescent organic light-emitting diodes with a low roll-off at high brightness. <i>Organic Electronics</i> , <b>2013</b> , 14, 2854-2858	3.5	37
26	Synthesis, photoluminescence and computational study of rhenium(I) diimine complexes with [1,3,4]oxadiazole substituted 2,2'-bipyridine ligands. <i>Journal of Organometallic Chemistry</i> , <b>2013</b> , 743, 37-43	2.3	5

25	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> , <b>2013</b> , 2013, 5683-5693	2.3	26
24	Synthesis and photoluminescence properties of rhenium(I) complexes based on 2,2',6,6'-terpyridine derivatives with hole-transporting units. <i>Dalton Transactions</i> , <b>2013</b> , 42, 2716-23	4.3	35
23	Syntheses and photoluminescence properties of rhenium(I) complexes based on dipyrido[3,2-a:2',3'-c]phenazine derivatives with carbazole moiety. <i>Journal of Coordination Chemistry</i> , <b>2013</b> , 66, 958-965	1.6	4
22	Efficient sensitized emission in Yb(III) pentachlorotropolonate complexes. <i>Chemical Communications</i> , <b>2013</b> , 49, 1933-5	5.8	27
21	Improved efficiency roll-off at high brightness in simplified phosphorescent organic light emitting diodes with a crossfading-host. <i>Organic Electronics</i> , <b>2013</b> , 14, 2682-2686	3.5	18
20	Highly efficient green phosphorescent OLEDs based on a novel iridium complex. <i>Journal of Materials Chemistry C</i> , <b>2013</b> , 1, 560-565	7.1	75
19	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> , <b>2013</b> , 52, 4916-25	5.1	87
18	Electron mobility determination of efficient phosphorescent iridium complexes with tetraphenylimidodiphosphinate ligand via transient electroluminescence method. <i>Applied Physics Letters</i> , <b>2012</b> , 100, 073303	3.4	37
17	Preparation and luminescence of transparent zeolite L-polymer hybrid materials. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 4056		27
16	Synthesis, structure, photophysical and electrochemical properties of series of new fac-trisyclometallated iridium complexes with carbazole or oxadiazole moieties. <i>Inorganica Chimica Acta</i> , <b>2012</b> , 391, 50-57	2.7	19
15	Efficient blue emitters based on 1,3,5-triazine for nondoped organic light emitting diode applications. <i>Organic Electronics</i> , <b>2012</b> , 13, 2177-2184	3.5	10
14	Highly efficient green and blue-green phosphorescent OLEDs based on iridium complexes with the tetraphenylimidodiphosphinate ligand. <i>Advanced Materials</i> , <b>2011</b> , 23, 4041-6	24	265
13	Photostable and efficient red-emitters based on zeolite L crystals. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 14755		63
12	All-solid-state continuous-wave frequency doubling Nd:YLF/LBO laser with 2.15 W output power at 526 nm. <i>Laser Physics</i> , <b>2010</b> , 20, 1580-1584	1.2	14
11	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> , <b>2009</b> , 19, 5533		43
10	Synthesis, structural characterization and photoluminescence properties of rhenium(I) complexes based on bipyridine derivatives with carbazole moieties. <i>Dalton Transactions</i> , <b>2009</b> , 10563-9	4.3	33
9	An infinite photoluminescent coordination nanotube [CuSCN(L)] <sub>2</sub> (DMF) <sub>0.5</sub> . <i>CrystEngComm</i> , <b>2009</b> , 11, 246-248	3.3	54
8	Syntheses, structures, photoluminescence, and magnetic properties of nanoporous 3D lanthanide coordination polymers with 4,4'-biphenyldicarboxylate ligand. <i>CrystEngComm</i> , <b>2008</b> , 10, 1237	3.3	65

7	Synthesis and Photoluminescence Properties of Heteroleptic Europium(III) Complexes with Appended Carbazole Units. <i>European Journal of Inorganic Chemistry</i> , <b>2008</b> , 2008, 2075-2080	2.3	26
6	Green multi-resonance thermally activated delayed fluorescence emitters containing phenoxazine units with highly efficient electroluminescence. <i>Journal of Materials Chemistry C</i> ,	7.1	3
5	Configurationally stable helical tetradentate Pt(II) complexes for organic light-emitting diodes with circularly polarized electroluminescence. <i>Journal of Materials Chemistry C</i> ,	7.1	2
4	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> ,2100784	8.1	8
3	Fused ÆExtended Multiple-Resonance Induced Thermally Activated Delayed Fluorescence Materials for High-Efficiency and Narrowband OLEDs with Low Efficiency Roll-Off. <i>Advanced Optical Materials</i> ,2102513	8.1	7
2	Highly Efficient Sensitized Chiral Hybridized Local and Charge-Transfer Emitter Circularly Polarized Electroluminescence. <i>Advanced Functional Materials</i> ,2201512	15.6	4
1	High-Efficiency and Narrowband OLEDs from Blue to Yellow with Ternary Boron/Nitrogen-Based Polycyclic Heteroaromatic Emitters. <i>Advanced Optical Materials</i> ,2200504	8.1	4