You-Xuan Zheng

List of Publications by Citations

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	Highly efficient green and blue-green phosphorescent OLEDs based on iridium complexes with the tetraphenylimidodiphosphinate ligand. *Advanced Materials*, **2011**, 23, 4041-6	24	265
167	Peripheral Amplification of Multi-Resonance Induced Thermally Activated Delayed Fluorescence for Highly Efficient OLEDs. *Angewandte Chemie - International Edition*, **2018**, 57, 11316-11320	16.4	178
166	Rational design of phosphorescent iridium(III) complexes for emission color tunability and their applications in OLEDs. *Coordination Chemistry Reviews*, **2018**, 374, 55-92	23.2	143
165	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. *Advanced Materials*, **2019**, 31, e1900524	24	123
164	Circularly polarised phosphorescent photoluminescence and electroluminescence of iridium complexes. *Scientific Reports*, **2015**, 5, 14912	4.9	118
163	Rapid and facile ratiometric detection of an anthrax biomarker by regulating energy transfer process in bio-metal-organic framework. *Biosensors and Bioelectronics*, **2016**, 85, 287-293	11.8	111
162	Organo-erbium systems for optical amplification at telecommunications wavelengths. *Nature Materials*, **2014**, 13, 382-6	27	101
161	Thermally Activated Delayed Fluorescence Materials: Towards Realization of High Efficiency through Strategic Small Molecular Design. *Chemistry - A European Journal*, **2019**, 25, 5623-5642	4.8	100
160	Enantiomorphic Perovskite Ferroelectrics with Circularly Polarized Luminescence. *Journal of the American Chemical Society*, **2020**, 142, 4756-4761	16.4	94
159	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. *Inorganic Chemistry*, **2013**, 52, 4916-25	5.1	87
158	Circularly Polarized Thermally Activated Delayed Fluorescence Emitters in Through-Space Charge Transfer on Asymmetric Spiro Skeletons. *Journal of the American Chemical Society*, **2020**, 142, 17756-17765	16.4	81
157	Efficient OLEDs with low efficiency roll-off using iridium complexes possessing good electron mobility. *Journal of Materials Chemistry C*, **2015**, 3, 3694-3701	7.1	78
156	Highly efficient green phosphorescent OLEDs based on a novel iridium complex. *Journal of Materials Chemistry C*, **2013**, 1, 560-565	7.1	75
155	N-Heterocyclic carbenes: versatile second cyclometalated ligands for neutral iridium(III) heteroleptic complexes. *Inorganic Chemistry*, **2015**, 54, 161-73	5.1	74
154	Syntheses, structures, photoluminescence, and magnetic properties of nanoporous 3D lanthanide coordination polymers with 4,4?-biphenyldicarboxylate ligand. *CrystEngComm*, **2008**, 10, 1237	3.3	65
153	Enantiomeric MOF Crystals Using Helical Channels as Palettes with Bright White Circularly Polarized Luminescence. *Advanced Materials*, **2020**, 32, e2002914	24	65
152	Helical Sulfono-γAApeptides with Aggregation-Induced Emission and Circularly Polarized Luminescence. *Journal of the American Chemical Society*, **2019**, 141, 12697-12706	16.4	63

151	Photostable and efficient red-emitters based on zeolite L crystals. *Journal of Materials Chemistry*, **2011**, 21, 14755		63
150	Photoresponsive Propeller-like Chiral AIE Copper(I) Clusters. *Angewandte Chemie - International Edition*, **2020**, 59, 5336-5340	16.4	62
149	Configurationally Stable Platinahelicene Enantiomers for Efficient Circularly Polarized Phosphorescent Organic Light-Emitting Diodes. *Chemistry - A European Journal*, **2019**, 25, 5672-5676	4.8	55
148	Chiral iridium(iii) complexes with four-membered Ir-S-P-S chelating rings for high-performance circularly polarized OLEDs. *Chemical Communications*, **2019**, 55, 8215-8218	5.8	54
147	An infinite photoluminescent coordination nanotube [CuSCN(L)][(DMF)0.5. *CrystEngComm*, **2009**, 11, 246-248	3.3	54
146	Organic Room-Temperature Phosphorescence with Strong Circularly Polarized Luminescence Based on Paracyclophanes. *Angewandte Chemie - International Edition*, **2019**, 58, 17220-17225	16.4	52
145	Frontiers in circularly polarized luminescence: molecular design, self-assembly, nanomaterials, and applications. *Science China Chemistry*, **2021**, 64, 2060	7.9	46
144	Peripheral Amplification of Multi-Resonance Induced Thermally Activated Delayed Fluorescence for Highly Efficient OLEDs. *Angewandte Chemie*, **2018**, 130, 11486-11490	3.6	46
143	Green synthesis of luminescent soft materials derived from task-specific ionic liquid for solubilizing lanthanide oxides and organic ligand. *Journal of Materials Chemistry*, **2009**, 19, 5533		43
142	Leaving Group Assisted Strategy for Photoinduced Fluoroalkylations Using N-Hydroxybenzimidoyl Chloride Esters. *Angewandte Chemie - International Edition*, **2019**, 58, 624-627	16.4	42
141	Circularly Polarized Luminescence from Chiral Tetranuclear Copper(I) Iodide Clusters. *Journal of Physical Chemistry Letters*, **2020**, 11, 1255-1260	6.4	40
140	Chiral Spiro-Axis Induced Blue Thermally Activated Delayed Fluorescence Material for Efficient Circularly Polarized OLEDs with Low Efficiency Roll-Off. *Angewandte Chemie - International Edition*, **2021**, 60, 8435-8440	16.4	39
139	High efficiency green phosphorescent organic light-emitting diodes with a low roll-off at high brightness. *Organic Electronics*, **2013**, 14, 2854-2858	3.5	37
138	Electron mobility determination of efficient phosphorescent iridium complexes with tetraphenylimidodiphosphinate ligand via transient electroluminescence method. *Applied Physics Letters*, **2012**, 100, 073303	3.4	37
137	Iridium(iii) phosphorescent complexes with dual stereogenic centers: single crystal, electronic circular dichroism evidence and circularly polarized luminescence properties. *Dalton Transactions*, **2016**, 45, 19234-19237	4.3	36
136	Synthesis and photoluminescence properties of rhenium(I) complexes based on 2,2$6$2$terpyridine derivatives with hole-transporting units. *Dalton Transactions*, **2013**, 42, 2716-23	4.3	35
135	Non-doped and doped circularly polarized organic light-emitting diodes with high performances based on chiral octahydro-binaphthyl delayed fluorescent luminophores. *Journal of Materials Chemistry C*, **2019**, 7, 7045-7052	7.1	34
134	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. *Chemical Science*, **2019**, 10, 3535-3542	9.4	33

133	Axially Chiral Biphenyl Compound-Based Thermally Activated Delayed Fluorescent Materials for High-Performance Circularly Polarized Organic Light-Emitting Diodes. *Advanced Science*, **2020**, 7, 2000804	13.6	33
132	Synthesis, structural characterization and photoluminescence properties of rhenium(I) complexes based on bipyridine derivatives with carbazole moieties. *Dalton Transactions*, **2009**, 10563-9	4.3	33
131	Syntheses, photoluminescence and electroluminescence of four heteroleptic iridium complexes with 2-(5-phenyl-1,3,4-oxadiazol-2-yl)-phenol derivatives as ancillary ligands. *Journal of Materials Chemistry C*, **2014**, 2, 1116-1124	7.1	32
130	Fast Synthesis of Iridium(III) Complexes Incorporating a Bis(diphenylphorothioyl)amide Ligand for Efficient Pure Green OLEDs. *ACS Applied Materials & Interfaces*, **2019**, 11, 7184-7191	9.5	28
129	Novel Design of Iridium Phosphors with Pyridinylphosphinate Ligands for High-Efficiency Blue Organic Light-emitting Diodes. *Scientific Reports*, **2016**, 6, 38478	4.9	28
128	Highly Efficient Organic Light-Emitting Diodes with Low Efficiency Roll-Off Based on Iridium Complexes Containing Pinene Sterically Hindered Spacer. *Advanced Optical Materials*, **2016**, 4, 1726-1731	8.1	28
127	Efficient deep red electroluminescence of iridium(III) complexes with 2,3-diphenylquinoxaline derivatives and tetraphenylimidodiphosphinate. *Journal of Materials Chemistry C*, **2017**, 5, 3714-3724	7.1	27
126	Efficient sensitized emission in Yb(III) pentachlorotropolonate complexes. *Chemical Communications*, **2013**, 49, 1933-5	5.8	27
125	Preparation and luminescence of transparent zeolite L-polymer hybrid materials. *Journal of Materials Chemistry*, **2012**, 22, 4056		27
124	Syntheses, Photoluminescence, and Electroluminescence of Iridium(III) Complexes with Fluorinated 2-Phenylpyridine as Main Ligands and Tertraphenylimidodiphosphinate as Ancillary Ligand. *European Journal of Inorganic Chemistry*, **2013**, 2013, 5683-5693	2.3	26
123	Synthesis and Photoluminescence Properties of Heteroleptic Europium(III) Complexes with Appended Carbazole Units. *European Journal of Inorganic Chemistry*, **2008**, 2008, 2075-2080	2.3	26
122	High performance red phosphorescent organic electroluminescent devices with characteristic mechanisms by utilizing terbium or gadolinium complexes as sensitizers. *Journal of Materials Chemistry C*, **2017**, 5, 2066-2073	7.1	25
121	Photocatalyzed cascade oxidative annulation of propargylamines and phosphine oxides. *Chemical Communications*, **2017**, 53, 6637-6640	5.8	25
120	Multicolor Circularly Polarized Photoluminescence and Electroluminescence with 1,2-Diaminecyclohexane Enantiomers. *ACS Applied Materials & Interfaces*, **2020**, 12, 23172-23180	9.5	24
119	Versatile functionalization of trifluoromethyl based deep blue thermally activated delayed fluorescence materials for organic light emitting diodes. *New Journal of Chemistry*, **2018**, 42, 4317-4323	3.6	23
118	Crystal structure, photoluminescence and electroluminescence of three bluish green light-emitting iridium complexes. *Dalton Transactions*, **2016**, 45, 7366-72	4.3	23
117	Photoluminescence and electroluminescence of iridium(iii) complexes with 2Ş6Sbis(trifluoromethyl)-2,4Sbipyridine and 1,3,4-oxadiazole/1,3,4-thiadiazole derivative ligands. *Dalton Transactions*, **2017**, 46, 845-853	4.3	22
116	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. *Journal of Organometallic Chemistry*, **2014**, 765, 39-45	2.3	22

115	Fabrication of Circularly Polarized MR-TADF Emitters with Asymmetrical Peripheral-Lock Enhancing Helical B/N-Doped Nanographenes. *Advanced Materials*, **2021**, e2105080	24	22
114	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. *Dyes and Pigments*, **2014**, 105, 105-113	4.6	21
113	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. *ACS Applied Materials & Interfaces*, **2019**, 11, 20192-20199	9.5	20
112	Visible-Light-Mediated Click Chemistry for Highly Regioselective Azide-Alkyne Cycloaddition by a Photoredox Electron-Transfer Strategy. *Chemistry - A European Journal*, **2020**, 26, 5694-5700	4.8	19
111	Highly efficient orange-red electroluminescence of iridium complexes with good electron mobility. *Journal of Materials Chemistry C*, **2017**, 5, 8150-8159	7.1	19
110	Synthesis, structure, photophysical and electrochemical properties of series of new fac-triscyclometallated iridium complexes with carbazole or oxadiazole moieties. *Inorganica Chimica Acta*, **2012**, 391, 50-57	2.7	19
109	Tunable Emission Color of Iridium(III) Complexes with Phenylpyrazole Derivatives as the Main Ligands for Organic Light-Emitting Diodes. *Organometallics*, **2018**, 37, 3154-3164	3.8	19
108	Synthesis and resistive switching characteristics of polyimides derived from 2,7-aryl substituents tetraphenyl fluorene diamines. *European Polymer Journal*, **2018**, 108, 85-97	5.2	19
107	Syntheses, crystal structure and photophysical property of iridium complexes with 1,3,4-oxadiazole and 1,3,4-thiadiazole derivatives as ancillary ligands. *Journal of Organometallic Chemistry*, **2015**, 785, 11-18	2.3	18
106	Photoresponsive Propeller-like Chiral AIE Copper(I) Clusters. *Angewandte Chemie*, **2020**, 132, 5374-5378	3.6	18
105	Iridium(III) phosphors with bis(diphenylphorothioyl)amide ligand for efficient green and sky-blue OLEDs with EQE of nearly 28%. *Journal of Materials Chemistry C*, **2018**, 6, 9010-9016	7.1	18
104	Improved efficiency roll-off at high brightness in simplified phosphorescent organic light emitting diodes with a crossfading-host. *Organic Electronics*, **2013**, 14, 2682-2686	3.5	18
103	Highly efficient green phosphorescent organic electroluminescent devices with a terbium complex as the sensitizer. *Dyes and Pigments*, **2017**, 136, 361-367	4.6	18
102	Highly efficient green and red electroluminescence with an extremely low efficiency roll-off based on iridium(III) complexes containing a bis(diphenylphorothioyl)amide ancillary ligand. *Journal of Materials Chemistry C*, **2019**, 7, 2570-2576	7.1	17
101	Circularly Polarized Organic Room Temperature Phosphorescence from Amorphous Copolymers. *Journal of the American Chemical Society*, **2021**, 143, 18527-18535	16.4	17
100	Green organic light-emitting devices with external quantum efficiency up to nearly 30% based on an iridium complex with a tetraphenylimidodiphosphinate ligand. *RSC Advances*, **2016**, 6, 63200-63205	3.7	17
99	Green phosphorescent organic electroluminescent devices with 27.9% external quantum efficiency by employing a terbium complex as a co-dopant. *Journal of Materials Chemistry C*, **2019**, 7, 7953-7958	7.1	16
98	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. *Advanced Functional Materials*, **2021**, 31, 2103875	15.6	16

97	Highly efficient yellow electroluminescence of iridium complexes with good electron mobility. *Materials Chemistry Frontiers*, **2018**, 2, 1284-1290	7.8	15
96	Integrated redox-active reagents for photoinduced regio- and stereoselective fluorocarboborylation. *Nature Communications*, **2020**, 11, 2572	17.4	15
95	Suppression of efficiency roll-off in highly efficient blue phosphorescent organic light-emitting devices using novel iridium phosphors with good electron mobility. *Organic Electronics*, **2017**, 42, 141-145	3.5	14
94	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. *Dalton Transactions*, **2017**, 46, 14916-14925	4.3	14
93	Fast synthesis of iridium(III) complexes with sulfur-containing ancillary ligand for high-performance green OLEDs with EQE exceeding 31%. *Journal of Materials Chemistry C*, **2019**, 7, 7273-7278	7.1	14
92	Construction of Identical [2 + 2] Schiff-Base Macrocyclic Ligands by Ln(III) and Zn(II) Template Ions Including Efficient Yb(III) Near-Infrared Sensitizers. *Inorganic Chemistry*, **2015**, 54, 5295-300	5.1	14
91	Two blue iridium complexes for efficient electroluminescence with low efficiency roll-off. *RSC Advances*, **2015**, 5, 89218-89225	3.7	14
90	All-solid-state continuous-wave frequency doubling Nd:YLF/LBO laser with 2.15 W output power at 526 nm. *Laser Physics*, **2010**, 20, 1580-1584	1.2	14
89	Efficient Circularly Polarized Electroluminescence from Chiral Thermally Activated Delayed Fluorescence Emitters Featuring Symmetrical and Rigid Coplanar Acceptors. *Advanced Optical Materials*, **2021**, 9, 2100017	8.1	14
88	Two-Photon Ionization Induced Stable White Organic Long Persistent Luminescence. *Angewandte Chemie - International Edition*, **2021**, 60, 16984-16988	16.4	14
87	Photoluminescence and electroluminescence of four platinum complexes with trifluoromethyl-substituted 2-phenylpyridine and tetraphenylimidodiphosphinate ligands. *Dyes and Pigments*, **2017**, 143, 33-41	4.6	13
86	Highly efficient yellow phosphorescent organic light-emitting diodes with novel phosphine oxide-based bipolar host materials. *Journal of Materials Chemistry C*, **2015**, 3, 11540-11547	7.1	13
85	Aggregation-Induced Emissive and Circularly Polarized Homogeneous Sulfono-γAApeptide Foldamers. *Advanced Optical Materials*, **2020**, 8, 1902122	8.1	13
84	Semitransparent Circularly Polarized Phosphorescent Organic Light-Emitting Diodes with External Quantum Efficiency over 30% and Dissymmetry Factor Close to 10−2. *Advanced Functional Materials*, **2021**, 31, 2102898	15.6	13
83	Organic Room-Temperature Phosphorescence with Strong Circularly Polarized Luminescence Based on Paracyclophanes. *Angewandte Chemie*, **2019**, 131, 17380-17385	3.6	12
82	Highly efficient bluish green organic light-emitting diodes of iridium(iii) complexes with low efficiency roll-off. *Dalton Transactions*, **2018**, 47, 7587-7593	4.3	12
81	Synthesis, photoluminescence and electroluminescence of one iridium complex with 2-(2,4-difluorophenyl)-4-(trifluoromethyl)pyrimidine and tetraphenylimidodiphosphinate ligands. *Journal of Organometallic Chemistry*, **2017**, 848, 226-231	2.3	12
80	Efficient Electroluminescence of Two Heteroleptic Platinum Complexes with a 2-(5-Phenyl-1,3,4-oxadiazol-2-yl)phenol Ancillary Ligand. *Organometallics*, **2017**, 36, 448-454	3.8	11

79	1-(N-phenylamino)naphthalene oligomers as novel hole transport materials for highly efficient green electrophosphorescence. *Dyes and Pigments*, **2015**, 118, 1-8	4.6	11
78	Four-membered red iridium(III) complexes with Ir□S□S structures for efficient organic light-emitting diodes. *Journal of Materials Chemistry C*, **2020**, 8, 7411-7416	7.1	11
77	Two Green-Phosphorescent Iridium Complexes with 2-Phenylpyrimidine Derivatives and Tetraphenylimidodiphosphinate for Efficient Organic Light-Emitting Diodes. *European Journal of Inorganic Chemistry*, **2016**, 2016, 2556-2561	2.3	11
76	Leaving Group Assisted Strategy for Photoinduced Fluoroalkylations Using N-Hydroxybenzimidoyl Chloride Esters. *Angewandte Chemie*, **2019**, 131, 634-637	3.6	11
75	Efficient blue emitters based on 1,3,5-triazine for nondoped organic light emitting diode applications. *Organic Electronics*, **2012**, 13, 2177-2184	3.5	10
74	Efficient green electroluminescent devices based on iridium complex with wide energy gap complexes as sensitizers. *Organic Electronics*, **2016**, 37, 85-92	3.5	10
73	Light-controlled efficient photoluminescence based on an europium □diketonate complex with single-crystal-to-single-crystal [2+2] cycloaddition. *Chemical Communications*, **2019**, 55, 12873-12876	5.8	10
72	Carbazole-Based Iridium(III) Complexes for Electrophosphorescence with EQE of 32.2% and Low Efficiency Roll-Off. *Advanced Optical Materials*, **2021**, 9, 2001390	8.1	10
71	A narrowband blue circularly polarized thermally activated delayed fluorescence emitter with a hetero-helicene structure. *Chemical Communications*, **2021**, 57, 11041-11044	5.8	10
70	Syntheses, Crystal Structures, and Photoluminescence of a Series of Iridium(III) Complexes Containing the Pentafluorosulfanyl Group. *Organometallics*, **2019**, 38, 3553-3559	3.8	9
69	Efficient phosphorescent red iridium(III) complexes containing a four-membered Ir□S□S ring backbone and large hindered spacers for high-performance OLEDs. *Journal of Materials Chemistry C* , **2019**, 7, 3862-3868	7.1	9
68	The Taiji and Eight Trigrams chemistry philosophy of chiral iridium(iii) complexes with triplex stereogenic centers. *Dalton Transactions*, **2018**, 47, 4045-4048	4.3	9
67	Hole-transporting small molecules as a mixed host for efficient solution processed green phosphorescent organic light emitting diodes. *Organic Electronics*, **2016**, 38, 29-34	3.5	9
66	Highly efficient green electroluminescence of iridium(III) complexes based on (1H-pyrazol-5-yl)pyridine derivatives ancillary ligands with low efficiency roll-off. *Journal of Materials Chemistry C*, **2018**, 6, 5778-5784	7.1	9
65	Dramatic improvement in photostability of luminescent Eu(III) complexes with tetraphenylimidodiphosphinate ligand. *Journal of Luminescence*, **2014**, 146, 544-549	3.8	9
64	Efficient green electroluminescence based on an iridium(III) complex with different device structures. *RSC Advances*, **2017**, 7, 2615-2620	3.7	8
63	Green-emitting iridium(III) complexes containing pyridine sulfonic acid as ancillary ligands for efficient OLEDs with extremely low efficiency roll-off. *Journal of Materials Chemistry C*, **2019**, 7, 11606-11611	7.1	8
62	Four-membered red iridium(iii) complexes with Ir-S-P-S structures: rapid room-temperature synthesis and application in OLEDs. *Dalton Transactions*, **2019**, 48, 7583-7588	4.3	8

61	A series of red iridium(III) complexes using flexible dithiocarbamate derivatives as ancillary ligands for highly efficient phosphorescent OLEDs. *Materials Chemistry Frontiers*, **2019**, 3, 860-866	7.8	8
60	Nonvolatile write-once read-many-times memory behaviors of polyimides containing tetraphenyl fluorene core and the pendant triphenylamine or carbazole moieties. *Journal of Polymer Science Part A*, **2018**, 56, 1630-1644	2.5	8
59	Efficient blue-green and green electroluminescent devices obtained by doping iridium complexes into hole-block material as supplementary light-emitting layer. *Journal of Luminescence*, **2014**, 148, 6-9	3.8	8
58	Photoluminescence and electroluminescence of deep red iridium(III) complexes with 2,3-diphenylquinoxaline derivatives and 1,3,4-oxadiazole derivatives ligands. *RSC Advances*, **2017**, 7, 37021-37031	3.7	8
57	Syntheses, photoluminescence and electroluminescence of two novel platinum(ii) complexes. *Dalton Transactions*, **2016**, 46, 150-157	4.3	8
56	Iridium(III) complexes adopting thienylpyridine derivatives for yellow-to-deep red OLEDs with low efficiency roll-off. *Dyes and Pigments*, **2019**, 162, 863-871	4.6	8
55	Orange red iridium complexes with good electron mobility and mild OLED efficiency roll-off. *Journal of Organometallic Chemistry*, **2018**, 876, 26-34	2.3	8
54	A Series of Fused Carbazole/Carbonyl Based Blue to Yellow-Green Thermally Activated Delayed Fluorescence Materials for Efficient Organic Light-Emitting Diodes. *Advanced Optical Materials*,2100784	8.1	8
53	Rapid room temperature synthesis of red iridium(III) complexes with IrSPS structures for efficient OLEDs. *Journal of Materials Chemistry C*, **2019**, 7, 6972-6977	7.1	7
52	Efficient sky-blue OLEDs with extremely low efficiency roll-off based on stable iridium complexes with a bis(diphenylphorothioyl)amide ligand. *Dalton Transactions*, **2019**, 48, 9744-9750	4.3	7
51	Yellow electrophosphorescent devices with hosts containing N1-(naphthalen-1-yl)-N1,N4-diphenylnaphthalene-1,4-diamine and tetraphenylsilane units. *RSC Advances*, **2015**, 5, 27235-27241	3.7	7
50	High-performance green phosphorescent top-emitting organic light-emitting diodes based on FDTD optical simulation. *Organic Electronics*, **2014**, 15, 864-870	3.5	7
49	High efficiency green phosphorescent top-emitting organic light-emitting diode with ultrathin non-doped emissive layer. *Organic Electronics*, **2014**, 15, 2408-2413	3.5	7
48	Green iridium complexes based on pyrimidine derivatives for efficient electroluminescence with EQE near 30%. *Dyes and Pigments*, **2019**, 160, 863-871	4.6	7
47	Efficient green photoluminescence and electroluminescence of iridium complexes with high electron mobility. *Dalton Transactions*, **2018**, 47, 16543-16550	4.3	7
46	Efficient yellow electroluminescence of four iridium(iii) complexes with benzo[d]thiazole derivatives as main ligands. *Dalton Transactions*, **2018**, 47, 8032-8040	4.3	7
45	Fused Extended Multiple-Resonance Induced Thermally Activated Delayed Fluorescence Materials for High-Efficiency and Narrowband OLEDs with Low Efficiency Roll-Off. *Advanced Optical Materials*,2102513	8.1	7
44	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. *New Journal of Chemistry*, **2017**, 41, 3029-3035	3.6	6

43	Two platinum(ii) complexes with a 4-phenyl-4H-1,2,4-triazole derivative as an ancillary ligand for efficient green OLEDs. *Dalton Transactions*, **2019**, 48, 1892-1899	4.3	6
42	Two green iridium(III) complexes containing the electron-transporting group of 4-phenyl-4H-1,2,4-triazole for highly efficient OLEDs. *Journal of Materials Chemistry C*, **2019**, 7, 2022-2028	7.1	6
41	Highly efficient yellow phosphorescent OLEDs based on two novel bipolar host materials. *New Journal of Chemistry*, **2015**, 39, 7954-7960	3.6	6
40	Rational Design of the Platinahelicene Enantiomers for Deep-Red Circularly Polarized Organic Light-Emitting Diodes. *Frontiers in Chemistry*, **2020**, 8, 501	5	6
39	High sensitization efficiency and energy transfer routes for population inversion at low pump intensity in Er organic complexes for IR amplification. *Scientific Reports*, **2018**, 8, 3226	4.9	6
38	Syntheses, crystal structure, photophysical property and theoretical study of a new series of iridium complexes with N-(diphenylphosphoryl)benzamide derivatives as the ancillary ligands. *Journal of Organometallic Chemistry*, **2014**, 755, 110-119	2.3	6
37	Chiral Spiro-Axis Induced Blue Thermally Activated Delayed Fluorescence Material for Efficient Circularly Polarized OLEDs with Low Efficiency Roll-Off. *Angewandte Chemie*, **2021**, 133, 8516-8521	3.6	6
36	Synthesis, photoluminescence and computational study of rhenium(I) diimine complexes with [1,3,4]oxadiazole substituted 2,2?-bipyridine ligands. *Journal of Organometallic Chemistry*, **2013**, 743, 37-43	2.3	5
35	Design of pyridinylphosphinate-based blue iridium phosphors for high-efficiency organic light-emitting diodes. *Dalton Transactions*, **2021**, 50, 3887-3893	4.3	5
34	Pyridinylphosphorothioate-based blue iridium(III) complex with double chiral centers for circularly polarized electroluminescence. *Journal of Materials Chemistry C*, **2021**, 9, 5244-5249	7.1	5
33	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. *Journal of Materials Chemistry C*, **2021**, 9, 8226-8232	7.1	5
32	Synthesis and non-volatile electrical memory characteristics of triphenylamine-based polyimides with flexibility segments. *New Journal of Chemistry*, **2018**, 42, 19008-19019	3.6	5
31	Blue Axially Chiral Biphenyl Based Thermally Activated Delayed Fluorescence Materials for Efficient Circularly Polarized OLEDs. *Advanced Optical Materials*, **2021**, 9, 2100596	8.1	5
30	Sulfur atom containing ligands induced rapid room temperature synthesis of red iridium(III) complexes with Ir[S,S] structures for OLEDs. *New Journal of Chemistry*, **2019**, 43, 8722-8727	3.6	4
29	Organic and quantum-dot hybrid white LEDs using a narrow bandwidth blue TADF emitter. *Journal of Materials Chemistry C*, **2020**, 8, 10831-10836	7.1	4
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