

Guijiang Zhou

List of Publications by Year in descending order

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115
papers

6,791
citations

94381

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116
docs citations

116
times ranked

4827
citing authors

#	ARTICLE	IF	CITATIONS
1	Functionalization of phosphorescent emitters and their host materials by main-group elements for phosphorescent organic light-emitting devices. <i>Chemical Society Reviews</i> , 2015, 44, 8484-8575.	18.7	752
2	Recent advances of the emitters for high performance deep-blue organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2015, 3, 913-944.	2.7	492
3	Manipulating Charge-Transfer Character with Electron-Withdrawing Main-Group Moieties for the Color Tuning of Iridium Electrophosphors. <i>Advanced Functional Materials</i> , 2008, 18, 499-511.	7.8	487
4	New Design Tactics in OLEDs Using Functionalized 2-Phenylpyridine-Type Cyclometalates of Iridium(III) and Platinum(II). <i>Chemistry - an Asian Journal</i> , 2011, 6, 1706-1727.	1.7	353
5	Triphenylamine-Dendronized Pure Red Iridium Phosphors with Superior OLED Efficiency/Color Purity Trade-Offs. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1149-1151.	7.2	343
6	Efficient Polymer White-Light-Emitting Devices for Solid-State Lighting. <i>Advanced Materials</i> , 2009, 21, 4181-4184.	11.1	319
7	Recent progress and current challenges in phosphorescent white organic light-emitting diodes (WOLEDs). <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2010, 11, 133-156.	5.6	299
8	Recent design tactics for high performance white polymer light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2014, 2, 1760.	2.7	247
9	Metallophosphors of platinum with distinct main-group elements: a versatile approach towards color tuning and white-light emission with superior efficiency/color quality/brightness trade-offs. <i>Journal of Materials Chemistry</i> , 2010, 20, 7472.	6.7	210
10	A Non-Doped Phosphorescent Organic Light-Emitting Device with Above 31% External Quantum Efficiency. <i>Advanced Materials</i> , 2014, 26, 8107-8113.	11.1	146
11	Duplicating "sunlight" from simple WOLEDs for lighting applications. <i>Chemical Communications</i> , 2009, , 3574.	2.2	135
12	Symmetric Versus Unsymmetric Platinum(II) Bis(aryleneethynylene)s with Distinct Electronic Structures for Optical Power Limiting/Optical Transparency Trade-off Optimization. <i>Advanced Functional Materials</i> , 2009, 19, 531-544.	7.8	133
13	From Mononuclear to Dinuclear Iridium(III) Complex: Effective Tuning of the Optoelectronic Characteristics for Organic Light-Emitting Diodes. <i>Inorganic Chemistry</i> , 2016, 55, 1720-1727.	1.9	127
14	Recent Advances in Solution-Processable Dendrimers for Highly Efficient Phosphorescent Organic Light-Emitting Diodes (PHOLEDs). <i>Asian Journal of Organic Chemistry</i> , 2015, 4, 394-429.	1.3	105
15	Robust Tris-Cyclometalated Iridium(III) Phosphors with Ligands for Effective Charge Carrier Injection/Transport: Synthesis, Redox, Photophysical, and Electrophosphorescent Behavior. <i>Chemistry - an Asian Journal</i> , 2008, 3, 1830-1841.	1.7	97
16	Trifunctional Ir(III) ppy-type asymmetric phosphorescent emitters with ambipolar features for highly efficient electroluminescent devices. <i>Chemical Communications</i> , 2014, 50, 2473.	2.2	78
17	Enhancing Molecular Aggregations by Intermolecular Hydrogen Bonds to Develop Phosphorescent Emitters for High-Performance Near-Infrared OLEDs. <i>Advanced Science</i> , 2019, 6, 1801930.	5.6	78
18	Diarylboron-Based Asymmetric Red-Emitting Ir(III) Complex for Solution-Processed Phosphorescent Organic Light-Emitting Diode with External Quantum Efficiency above 28%. <i>Advanced Science</i> , 2018, 5, 1701067.	5.6	76

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19	Versatile phosphorescent color tuning of highly efficient borylated iridium(III) cyclometalates by manipulating the electron-accepting capacity of the dimethylboron group. <i>Journal of Materials Chemistry C</i> , 2013, 1, 3317.	2.7	70
20	Highly Efficient Phosphorescent Materials Based on Platinum Complexes and Their Application in Organic Light-Emitting Devices (OLEDs). <i>Platinum Metals Review</i> , 2013, 57, 2-16.	1.5	65
21	Thiazole-based metallophosphors of iridium with balanced carrier injection/transporting features and their two-colour WOLEDs fabricated by both vacuum deposition and solution processing-vacuum deposition hybrid strategy. <i>Journal of Materials Chemistry</i> , 2012, 22, 7136.	6.7	64
22	Cyclometalated Platinum Complexes with Aggregation-Induced Phosphorescence Emission Behavior and Highly Efficient Electroluminescent Ability. <i>Chemistry of Materials</i> , 2018, 30, 929-946.	3.2	64
23	Asymmetric <i>trans</i> -Heteroleptic Iridium(III) Complexes Containing a 9-Phenyl-9-phosphafluorene Oxide Moiety with Enhanced Charge Carrier Injection/Transporting Properties for Highly Efficient Solution-Processed Organic Light-Emitting Diodes. <i>Chemistry of Materials</i> , 2016, 28, 8556-8569.	3.2	58
24	Asymmetric thermally activated delayed fluorescence (TADF) emitters with 5,9-dioxo-13-boraphtho[3,2,1-de]anthracene (OBA) as the acceptor and highly efficient blue-emitting OLEDs. <i>Journal of Materials Chemistry C</i> , 2019, 7, 11953-11963.	2.7	58
25	Phosphorescent Iridium(III) Complexes Bearing Fluorinated Aromatic Sulfonyl Group with Nearly Unity Phosphorescent Quantum Yields and Outstanding Electroluminescent Properties. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 24703-24714.	4.0	57
26	Highly efficient deep-blue organic electroluminescent devices (CIEy ≈ 0.08) doped with fluorinated 9,9-difluoro-bianthracene derivatives (fluorophores). <i>Journal of Materials Chemistry C</i> , 2013, 1, 8117.	2.7	55
27	Achieving High-Performance Solution-Processed Orange OLEDs with the Phosphorescent Cyclometalated Trinuclear Pt(II) Complex. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 10227-10235.	4.0	55
28	<i>trans</i> -Heteroleptic Cyclometalated Iridium(III) Complexes with Ambipolar or Electron Injection/Transport Features for Highly Efficient Electrophosphorescent Devices. <i>Chemistry - an Asian Journal</i> , 2015, 10, 252-262.	1.7	53
29	Pyrimidine-Based Mononuclear and Dinuclear Iridium(III) Complexes for High Performance Organic Light-Emitting Diodes. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 33874-33887.	4.0	53
30	Highly Efficient Deep-Red Organic Light-Emitting Devices Based on Asymmetric Iridium(III) Complexes with the Thianthrene 5,5,10,10-Tetraoxide Moiety. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 26152-26164.	4.0	52
31	Fluorinated 9,9-difluoro-spirobifluorene derivatives as host materials for highly efficient blue organic light-emitting devices. <i>Journal of Materials Chemistry C</i> , 2013, 1, 2183.	2.7	51
32	Novel iridium(III) complexes bearing dimethylboron groups with nearly 100% phosphorescent quantum yields for highly efficient organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2017, 5, 7871-7883.	2.7	49
33	Versatile Fluorinated Derivatives of Triphenylamine as Hole-Transporters and Blue-Violet Emitters in Organic Light-Emitting Devices. <i>Journal of Physical Chemistry C</i> , 2012, 116, 20504-20512.	1.5	47
34	Stability Improvement of Tin-Based Halide Perovskite by Precursor Solution Regulation with Dual-Functional Reagents. <i>Advanced Functional Materials</i> , 2021, 31, 2104344.	7.8	47
35	Synthesis, Structures and Optical Power Limiting of Some Transition Metal and Lanthanide Monoporphyrinate Complexes Containing Electron-Rich Diphenylamino Substituents. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 2004-2013.	1.0	44
36	Effective blocking of the molecular aggregation of novel truxene-based emitters with spirobifluorene and electron-donating moieties for furnishing highly efficient non-doped blue-emitting OLEDs. <i>Journal of Materials Chemistry C</i> , 2015, 3, 5783-5794.	2.7	41

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37	Electrophosphorescent Heterobimetallic Oligometallaynes and Their Applications in Solution-Processed Organic Light-Emitting Devices. <i>Chemistry - an Asian Journal</i> , 2010, 5, 2405-2414.	1.7	38
38	Asymmetric <i>Tris</i> -Heteroleptic Cyclometalated Phosphorescent Iridium(III) Complexes: An Emerging Class of Metallophosphors. <i>Accounts of Materials Research</i> , 2022, 3, 830-842.	5.9	36
39	Dynamic dual stage phosphorescence chromatic change in a diborylated iridium phosphor for fluoride ion sensing with concentration discriminating capability. <i>RSC Advances</i> , 2013, 3, 6553.	1.7	35
40	Organic Emitters with a Rigid 9-Phenyl-9-phosphafluorene Oxide Moiety as the Acceptor and Their Thermally Activated Delayed Fluorescence Behavior. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 27112-27124.	4.0	35
41	Phosphorescent Platinum(II) Complexes Bearing 2-Vinylpyridine-type Ligands: Synthesis, Electrochemical and Photophysical Properties, and Tuning of Electrophosphorescent Behavior by Main-Group Moieties. <i>Inorganic Chemistry</i> , 2014, 53, 12986-13000.	1.9	34
42	Piperidine-induced Switching of the direct band gaps of Ag(ⁱ)/Bi(ⁱⁱⁱ) bimetallic iodide double perovskites. <i>Journal of Materials Chemistry C</i> , 2020, 8, 5349-5354.	2.7	34
43	Template effects in Cu(ⁱ)-Bi(ⁱⁱⁱ) iodide double perovskites: a study of crystal structure, film orientation, band gap and photocurrent response. <i>Journal of Materials Chemistry A</i> , 2020, 8, 7288-7296.	5.2	33
44	Effective phosphorescence quenching in borylated Pt(^{II})ppy-type phosphors and their application as I ⁺ ion sensors in aqueous medium. <i>Chemical Communications</i> , 2013, 49, 4406-4408.	2.2	32
45	A Robust Yellow-Emitting Metallophosphor with Electron-Injection/Transporting Traits for Highly Efficient White Organic Light-Emitting Diodes. <i>ChemPhysChem</i> , 2011, 12, 2836-2843.	1.0	31
46	Highly efficient electroluminescent Pt(^{II})ppy-type complexes with monodentate ligands. <i>Chemical Communications</i> , 2017, 53, 7581-7584.	2.2	31
47	Aggregation-induced emission triggered by the radiative-transition-switch of a cyclometalated Pt(^{II}) complex. <i>Journal of Materials Chemistry C</i> , 2019, 7, 12552-12559.	2.7	30
48	Novel Emission Color-Tuning Strategies in Heteroleptic Phosphorescent Ir(III) and Pt(II) Complexes. <i>Chemical Record</i> , 2019, 19, 1710-1728.	2.9	29
49	Simple Tuning of the Optoelectronic Properties of Ir(^{III}) and Pt(^{II}) Electrophosphors Based on Linkage Isomer Formation with a Naphthylthiazolyl Moiety. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 2278-2288.	1.0	28
50	Bis-Zn(^{II}) salphen complexes bearing pyridyl functionalized ligands for efficient organic light-emitting diodes (OLEDs). <i>Dalton Transactions</i> , 2017, 46, 6098-6110.	1.6	28
51	Novel Au(^I) polyynes and their high optical power limiting performances both in solution and in prototype devices. <i>Journal of Materials Chemistry C</i> , 2018, 6, 6023-6032.	2.7	28
52	High Triplet Energy Level Achieved by Tuning the Arrangement of Building Blocks in Phosphorescent Polymer Backbones for Furnishing High Electroluminescent Performances in Both Blue and White Organic Light-Emitting Devices. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 16360-16374.	4.0	27
53	Crack Suppression in Conductive Film by Amyloid-Like Protein Aggregation toward Flexible Device. <i>Advanced Materials</i> , 2021, 33, e2104187.	11.1	27
54	A Sublimable Dinuclear Cuprous Complex Showing Selective Luminescence Vapochromism in the Crystalline State. <i>Inorganic Chemistry</i> , 2019, 58, 14478-14489.	1.9	26

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55	Promising functional two-dimensional lamellar metal thiophosphates: synthesis strategies, properties and applications. <i>Materials Horizons</i> , 2020, 7, 3131-3160.	6.4	26
56	Strategically Formulating Aggregation-Induced Emission-Active Phosphorescent Emitters by Restricting the Coordination Skeletal Deformation of Pt(II) Complexes Containing Two Independent Monodentate Ligands. <i>Advanced Optical Materials</i> , 2020, 8, 2000079.	3.6	26
57	Aggregation-induced phosphorescence emission (AIPE) behaviors in Pt(II)(C ^N)(N-donor) Tj ETQq1 1 0.784314 rgBT /Over skeleton and their optoelectronic properties. <i>Journal of Materials Chemistry C</i> , 2021, 9, 2334-2349.	2.7	24
58	Iridium (III) complexes with 5,5-dimethyl-3-(pyridin-2-yl)cyclohex-2-enone ligands as sensitizer for dye-sensitized solar cells. <i>Organic Electronics</i> , 2013, 14, 3297-3305.	1.4	23
59	Fluorinated 9,9-bianthracene derivatives with twisted intramolecular charge-transfer excited states as blue host materials for high-performance fluorescent electroluminescence. <i>Journal of Materials Chemistry C</i> , 2014, 2, 9375-9384.	2.7	23
60	Optimized trade-offs between triplet emission and transparency in Pt(ii) acetylides through phenylsulfonyl units for achieving good optical power limiting performance. <i>Journal of Materials Chemistry C</i> , 2016, 4, 5626-5633.	2.7	23
61	Asymmetric tris-heteroleptic iridium(III) complexes containing three different 2-phenylpyridine-type ligands: a new strategy for improving the electroluminescence ability of phosphorescent emitters. <i>Journal of Materials Chemistry C</i> , 2018, 6, 9453-9464.	2.7	23
62	Isomers of Coumarin-Based Cyclometalated Ir(III) Complexes with Easily Tuned Phosphorescent Color and Features for Highly Efficient Organic Light-Emitting Diodes. <i>Inorganic Chemistry</i> , 2019, 58, 7393-7408.	1.9	23
63	Tris(cyclometalated) Iridium(III) Phosphorescent Complexes with Phenylthiazole-Type Ligands: Synthesis, Photophysical, Redox and Electrophosphorescent Behavior. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 4754-4763.	1.0	21
64	Homoleptic thiazole-based Ir(III) phosphorescent complexes for achieving both high EL efficiencies and an optimized trade-off among the key parameters of solution-processed WOLEDs. <i>Journal of Materials Chemistry C</i> , 2017, 5, 208-219.	2.7	21
65	Ambipolar organic light-emitting electrochemical transistor based on a heteroleptic charged iridium(III) complex. <i>Applied Physics Letters</i> , 2013, 102, .	1.5	20
66	Platinum(ii) polymetallayne-based phosphorescent polymers with enhanced triplet energy-transfer: synthesis, photophysical, electrochemistry, and electrophosphorescent investigation. <i>RSC Advances</i> , 2015, 5, 36507-36519.	1.7	20
67	Asymmetric Heteroleptic Ir(III) Phosphorescent Complexes with Aromatic Selenide and Selenophene Groups: Synthesis and Photophysical, Electrochemical, and Electrophosphorescent Behaviors. <i>Inorganic Chemistry</i> , 2018, 57, 11027-11043.	1.9	20
68	Towards high performance solution-processed orange organic light-emitting devices: precisely-adjusting properties of Ir(III) complexes by reasonably engineering the asymmetric configuration with second functionalized cyclometalating ligands. <i>Journal of Materials Chemistry C</i> , 2019, 7, 8836-8846.	2.7	20
69	Platinum(II) acetylide complexes with star- and V-shaped configurations possessing good trade-off between optical transparency and optical power limiting performance. <i>Journal of Materials Chemistry C</i> , 2017, 5, 11672-11682.	2.7	18
70	Novel phosphorescent polymers containing both ambipolar segments and functionalized Ir(III) phosphorescent moieties: synthesis, photophysical, redox, and electrophosphorescence investigation. <i>Journal of Materials Chemistry C</i> , 2014, 2, 9523-9535.	2.7	17
71	New heterobimetallic Au-Pt polyynes achieving a good trade-off between transparency and optical power limiting performance. <i>Journal of Materials Chemistry C</i> , 2018, 6, 11416-11426.	2.7	17
72	High Efficiency Fluorescent Electroluminescence with Extremely Low Efficiency Roll-Off Generated by a Donor-Bianthracene-Acceptor Structure: Utilizing Perpendicular Twisted Intramolecular Charge Transfer Excited State. <i>Advanced Optical Materials</i> , 2018, 6, 1800060.	3.6	17

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73	High performance solution-processed organic yellow light-emitting devices and fluoride ion sensors based on a versatile phosphorescent Ir(III) complex. <i>Materials Chemistry Frontiers</i> , 2019, 3, 376-384.	3.2	17
74	Strategy for achieving efficient electroluminescence with reduced efficiency roll-off: enhancement of hot excitons spin mixing and restriction of internal conversion by twisted structure regulation using an anthracene derivative. <i>Journal of Materials Chemistry C</i> , 2019, 7, 5604-5614.	2.7	17
75	Dinuclear Ir(III) complex based on different flanking and bridging cyclometalated ligands: An impressive molecular framework for developing high performance phosphorescent emitters. <i>Chemical Engineering Journal</i> , 2020, 391, 123505.	6.6	17
76	Novel Red Phosphorescent Polymers Bearing Both Ambipolar and Functionalized Ir(III) Phosphorescent Moieties for Highly Efficient Organic Light-Emitting Diodes. <i>Macromolecular Rapid Communications</i> , 2015, 36, 71-78.	2.0	16
77	Photophysical and optical power limiting behaviors of Au(I) acetylides with diethynyl aromatic ligands showing different electronic features. <i>Journal of Organometallic Chemistry</i> , 2016, 804, 80-86.	0.8	14
78	Unsymmetric Heteroleptic Ir(III) Complexes with 2-Phenylquinoline and Coumarin-Based Ligand Isomers for Tuning Character of Triplet Excited States and Achieving High Electroluminescent Efficiencies. <i>Inorganic Chemistry</i> , 2020, 59, 12362-12374.	1.9	13
79	Optimizing molecular rigidity and thermally activated delayed fluorescence (TADF) behavior of phosphoryl center π -conjugated heterocycles-based emitters by tuning chemical features of the tether groups. <i>Chemical Engineering Journal</i> , 2021, 413, 127445.	6.6	13
80	The molecular picture of amplified spontaneous emission of star-shaped functionalized-truxene derivatives. <i>Journal of Materials Chemistry C</i> , 2015, 3, 7004-7013.	2.7	12
81	Enhancing the electroluminescence performances of novel platinum(II) polymetallayne-based phosphorescent polymers through employing functionalized Ir(III) phosphorescent units and facilitating triplet energy transfer. <i>RSC Advances</i> , 2015, 5, 12100-12110.	1.7	11
82	Facilitating triplet energy-transfer in polymetallayne-based phosphorescent polymers with iridium(III) units and the great potential in achieving high electroluminescent performances. <i>Journal of Organometallic Chemistry</i> , 2015, 794, 1-10.	0.8	11
83	Stable amorphous bis(diarylamino)biphenyl derivatives as hole-transporting materials in OLEDs. <i>Electronic Materials Letters</i> , 2013, 9, 655-661.	1.0	10
84	Efficient dinuclear Pt(II) complexes based on the triphenylphosphine oxide scaffold for high performance solution-processed OLEDs. <i>Journal of Materials Chemistry C</i> , 2021, 9, 5373-5378.	2.7	10
85	Coordination polymers based on bis-Zn(II) salphen complexes and functional ditopic ligands for efficient polymer light-emitting diodes (PLEDs). <i>Polymer Chemistry</i> , 2017, 8, 6368-6377.	1.9	9
86	Unsymmetric 2-phenylpyridine (ppy)-type cyclometalated Ir(III) complexes bearing both 5,9-dioxo-13-boraphtho[3,2,1-de]anthracene and phenylsulfonyl groups for tuning optoelectronic properties and electroluminescence abilities. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 1651-1666.	3.0	9
87	Iridium(III) complexes with the dithieno[3,2-b:2',3'-d]phosphole oxide group and their high optical power limiting performances. <i>Dalton Transactions</i> , 2020, 49, 4967-4976.	1.6	9
88	Highly efficient solution-processed pure yellow OLEDs based on dinuclear Pt(II) complexes. <i>Materials Chemistry Frontiers</i> , 2021, 5, 5698-5705.	3.2	9
89	Triphenylamine-based trinuclear Pt(II) complexes for solution-processed OLEDs displaying efficient pure yellow and red emissions. <i>Organic Electronics</i> , 2021, 91, 106101.	1.4	9
90	Manipulating MLCT transition character with ppy-type four-coordinate organoboron skeleton for highly efficient long-wavelength Ir-based phosphors in organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2021, 9, 12650-12660.	2.7	9

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91	Highly efficient pure white polymer light-emitting devices based on poly(N-vinylcarbazole) doped with blue and red phosphorescent dyes. <i>Science China Chemistry</i> , 2011, 54, 671-677.	4.2	8
92	Synthesis of 2,2'-biimidazole-based platinum(II) polymetallaynes and tuning their fluorescent response behaviors to Cu ²⁺ ions through optimizing the configuration of the organic spacers and steric effect. <i>RSC Advances</i> , 2015, 5, 88758-88766.	1.7	8
93	Effect of diphenylamine substituent on charge-transfer absorption features of the iridium complexes and application in dye-sensitized solar cell. <i>Journal of Organometallic Chemistry</i> , 2015, 775, 55-59.	0.8	8
94	Photophysical properties and optical power limiting ability of Pt(II) polyynes bearing fluorene-type ligands with ethynyl units at different positions. <i>Journal of Organometallic Chemistry</i> , 2019, 895, 28-36.	0.8	7
95	The synthesis of cyclometalated platinum(II) complexes with benzoaryl-pyridines as C ^N ligands for investigating their photophysical, electrochemical and electroluminescent properties. <i>Dalton Transactions</i> , 2020, 49, 15633-15645.	1.6	7
96	Optimized trade-off between electroluminescent stability and efficiency in solution-processed WOLEDs adopting functional iridium(III) complexes with 9-phenyl-9-phosphafluorene oxide (PhFIPO) moiety. <i>Organic Electronics</i> , 2020, 84, 105797.	1.4	7
97	Fluoro-benzenesulfonyl-functionalized 2-phenylthiazole-type iridium(III) complexes for efficient solution-processed organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2020, 8, 10390-10400.	2.7	7
98	Developing Efficient Dinuclear Pt(II) Complexes Based on the Triphenylamine Core for High-Efficiency Solution-Processed OLEDs. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 36020-36032.	4.0	7
99	Managing Charge and Exciton Transporting Behavior in White Organic Light-Emitting Devices for High Power Efficiency and Superior Color Stability. <i>Advanced Electronic Materials</i> , 2015, 1, 1400040.	2.6	6
100	Silafluorene moieties as promising building blocks for constructing wide-energy-gap host materials of blue phosphorescent organic light-emitting devices. <i>Science China Chemistry</i> , 2015, 58, 993-998.	4.2	6
101	Universal polymeric hosts adopting cardo-type backbone prepared by palladium-free catalyst with precisely controlled triplet energy levels and their application for highly efficient solution-processed phosphorescent organic light-emitting devices. <i>Chemical Engineering Journal</i> , 2021, 406, 126717.	6.6	5
102	Red-emitting Ir(III)(C ^N) ₂ (P-donor ligand)Cl-type complexes showing aggregation-induced phosphorescent emission (AIPE) behavior for both red and white OLEDs. <i>Dyes and Pigments</i> , 2022, 205, 110538.	2.0	5
103	AIE-active Pt(II) complexes based on a three-ligand molecular framework for high performance solution-processed OLEDs. <i>Chemical Engineering Journal</i> , 2022, 449, 137457.	6.6	5
104	Ir(III)(C ^N) ₂ (P-donor ligand)Cl-type complexes bearing functional groups and showing aggregation-induced phosphorescence emission (AIPE) behavior for highly efficient OLEDs. <i>Journal of Materials Chemistry C</i> , 2021, 9, 12330-12341.	2.7	4
105	Two-dimensional semiconducting Cs(I)/Bi(III) bimetallic iodide hybrids for light detection. <i>Materials Chemistry Frontiers</i> , 2021, 5, 973-978.	3.2	4
106	Inside Cover: New Design Tactics in OLEDs Using Functionalized 2-Phenylpyridine-Type Cyclometalates of Iridium(III) and Platinum(II) (<i>Chem. Asian J.</i> 7/2011). <i>Chemistry - an Asian Journal</i> , 2011, 6, 1630-1630.	1.7	3
107	Semiconductivity and high stability in centimetric two-dimensional bismuth-silver hybrid double perovskites. <i>Materials Chemistry Frontiers</i> , 2022, 6, 2135-2142.	3.2	3
108	Phosphorescent cyanide sensor based on a 2-phenylpyridine(ppy)-type cyclometalated Ir(III) complex bearing dimesitylboron group with concentration distinguishing ability. <i>Journal of Organometallic Chemistry</i> , 2020, 917, 121274.	0.8	2

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109	Mono-, di- and tri-nuclear Pt ^{II} (C ^N)(N-donor ligand)Cl complexes showing aggregation-induced phosphorescent emission (AIPe) behavior for efficient solution-processed organic light-emitting devices. <i>Materials Chemistry Frontiers</i> , 2021, 5, 4160-4173.	3.2	2
110	Structural, Electronic and Optical Properties of Multifunctional Iridium(III) and Platinum(II) Metallophosphors for Organic Light-Emitting Diodes. <i>Chinese Journal of Chemistry</i> , 2012, 30, 2431-2439.	2.6	1
111	Manipulating charge-transfer character and tuning emission color with electron-withdrawing main-group moieties in iridium-based electrophosphors: a theoretical investigation. <i>Journal of Physical Organic Chemistry</i> , 2012, 25, 1351-1358.	0.9	1
112	Stable two-dimensional lead iodide hybrid materials for light detection and broadband photoluminescence. <i>Materials Chemistry Frontiers</i> , 2021, 6, 71-77.	3.2	1
113	Copper-Catalyzed Cycloaddition of Sulfonyl Azides with Alkynes to Synthesize N-Sulfonyltriazoles \hat{a} on Water TM at Room Temperature. <i>Chemistry - an Asian Journal</i> , 2008, 3, 1884-1884.	1.7	0
114	Optical Power Limiters: Symmetric Versus Unsymmetric Platinum(II) Bis(aryleneethynylene)s with Distinct Electronic Structures for Optical Power Limiting/Optical Transparency Trade-off Optimization (<i>Adv. Mater.</i> 8/2009). <i>Advanced Functional Materials</i> , 2009, 19, NA-NA.	7.8	0
115	Critical Role Played by the Phosphorescent Ir(III) Dendrimers in Solution-Processed Highly Efficient OLEDs. <i>Current Organic Chemistry</i> , 2018, 22, 1949-1950.	0.9	0