

Wong Wai-Yeung

List of Publications by Year in descending order

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795
papers

38,847
citations

3325

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6113

159
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834
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834
docs citations

834
times ranked

23793
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous Enhancement of Open-Circuit Voltage, Short-Circuit Current Density, and Fill Factor in Polymer Solar Cells. <i>Advanced Materials</i> , 2011, 23, 4636-4643.	11.1	2,000
2	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
3	Heavy metal organometallic electrophosphors derived from multi-component chromophores. <i>Coordination Chemistry Reviews</i> , 2009, 253, 1709-1758.	9.5	591
4	Metallated conjugated polymers as a new avenue towards high-efficiency polymer solar cells. <i>Nature Materials</i> , 2007, 6, 521-527.	13.3	555
5	Functional metallophosphors for effective charge carrier injection/transport: new robust OLED materials with emerging applications. <i>Journal of Materials Chemistry</i> , 2009, 19, 4457.	6.7	501
6	Improvement of open-circuit voltage and photovoltaic properties of 2D-conjugated polymers by alkylthio substitution. <i>Energy and Environmental Science</i> , 2014, 7, 2276-2284.	15.6	493
7	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
8	White Polymer Light-Emitting Devices for Solid-State Lighting: Materials, Devices, and Recent Progress. <i>Advanced Materials</i> , 2014, 26, 2459-2473.	11.1	464
9	Organometallic Photovoltaics: A New and Versatile Approach for Harvesting Solar Energy Using Conjugated Polymetallaynes. <i>Accounts of Chemical Research</i> , 2010, 43, 1246-1256.	7.6	424
10	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
11	High-Efficiency Single Emissive Layer White Organic Light-Emitting Diodes Based on Solution-Processed Dendritic Host and New Orange-Emitting Iridium Complex. <i>Advanced Materials</i> , 2012, 24, 1873-1877.	11.1	345
12	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
13	Efficient Polymer White-Light-Emitting Devices for Solid-State Lighting. <i>Advanced Materials</i> , 2009, 21, 4181-4184.	11.1	319
14	Organometallic acetylides of PtII, AuI and HgII as new generation optical power limiting materials. <i>Chemical Society Reviews</i> , 2011, 40, 2541.	18.7	317
15	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
16	Di-, oligo- and polymetallaynes: Syntheses, photophysics, structures and applications. <i>Coordination Chemistry Reviews</i> , 2006, 250, 2627-2690.	9.5	290
17	A photofunctional bottom-up bis(dipyrrinato)zinc(II) complex nanosheet. <i>Nature Communications</i> , 2015, 6, 6713.	5.8	290
18	Energy materials based on metal Schiff base complexes. <i>Coordination Chemistry Reviews</i> , 2018, 355, 180-198.	9.5	260

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19	A Multifunctional Iridium-Carbazoyl Orange Phosphor for High-Performance Two-Element WOLED Exploiting Exciton-Managed Fluorescence/Phosphorescence. <i>Advanced Functional Materials</i> , 2008, 18, 928-937.	7.8	252
20	Significant Improvement of Dye-Sensitized Solar Cell Performance Using Simple Phenothiazine-Based Dyes. <i>Chemistry of Materials</i> , 2013, 25, 2146-2153.	3.2	250
21	Red to near-infrared organometallic phosphorescent dyes for OLED applications. <i>Journal of Organometallic Chemistry</i> , 2014, 751, 261-285.	0.8	248
22	Recent design tactics for high performance white polymer light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2014, 2, 1760.	2.7	247
23	Evolution of lowest singlet and triplet excited states with number of thienyl rings in platinum polyynes. <i>Journal of Chemical Physics</i> , 1999, 110, 4963-4970.	1.2	246
24	Tuning the Absorption, Charge Transport Properties, and Solar Cell Efficiency with the Number of Thienyl Rings in Platinum-Containing Poly(aryleneethynylene)s. <i>Journal of the American Chemical Society</i> , 2007, 129, 14372-14380.	6.6	243
25	A Near-Infrared-Fluorescent Chemodosimeter for Mercuric Ion Based on an Expanded Porphyrin. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 3150-3154.	7.2	241
26	Red-Emitting Iridium Complexes with Hole-Transporting 9-Arylcarbazole Moieties for Electrophosphorescence Efficiency/Color Purity Trade-off Optimization. <i>Advanced Functional Materials</i> , 2008, 18, 319-331.	7.8	225
27	Metal-containing polymers: Facile tuning of photophysical traits and emerging applications in organic electronics and photonics. <i>Coordination Chemistry Reviews</i> , 2011, 255, 2469-2502.	9.5	224
28	Synthesis, Crystal Structures, Linear and Nonlinear Optical Properties, and Theoretical Studies of (p-R-Phenyl)-, (p-R-Phenylethynyl)-, and (E)-[2-(p-R-Phenyl)ethenyl]dimesitylboranes and Related Compounds. <i>Chemistry - A European Journal</i> , 2006, 12, 2758-2771.	1.7	218
29	Regioregular Pyridal[2,1,3]thiadiazole π -Conjugated Copolymers. <i>Journal of the American Chemical Society</i> , 2011, 133, 18538-18541.	6.6	213
30	A Heterobimetallic Ruthenium(II)-Copper(II) Donor-Acceptor Complex as a Chemodosimetric Ensemble for Selective Cyanide Detection. <i>Inorganic Chemistry</i> , 2004, 43, 8387-8393.	1.9	211
31	Phosphorescent Platinum(II) Complexes Derived from Multifunctional Chromophores: Synthesis, Structures, Photophysics, and Electroluminescence. <i>Inorganic Chemistry</i> , 2006, 45, 10922-10937.	1.9	210
32	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
33	Luminescent organometallic poly(aryleneethynylene)s: functional properties towards implications in molecular optoelectronics. <i>Dalton Transactions</i> , 2007, , 4495.	1.6	205
34	Simultaneous Optimization of Charge-Carrier Balance and Luminous Efficacy in Highly Efficient White Polymer Light-Emitting Devices. <i>Advanced Materials</i> , 2011, 23, 2976-2980.	11.1	204
35	Multifunctional Iridium Complexes Based on Carbazole Modules as Highly Efficient Electrophosphors. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 7800-7803.	7.2	200
36	The Synthesis and One- and Two-Photon Optical Properties of Dipolar, Quadrupolar and Octupolar Donor-Acceptor Molecules Containing Dimesitylboryl Groups. <i>Chemistry - A European Journal</i> , 2009, 15, 198-208.	1.7	196

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37	A Multifunctional Platinum-Based Triplet Emitter for OLED Applications#. <i>Organometallics</i> , 2005, 24, 4079-4082.	1.1	186
38	Singleâ€Molecular Whiteâ€Light Emitters and Their Potential WOLED Applications. <i>Advanced Materials</i> , 2020, 32, e1903269.	11.1	185
39	Highly selective red- and green-emitting two-photon fluorescent probes for cysteine detection and their bio-imaging in living cells. <i>Chemical Communications</i> , 2012, 48, 3442.	2.2	184
40	Small-molecular blue phosphorescent dyes for organic light-emitting devices. <i>New Journal of Chemistry</i> , 2013, 37, 1665.	1.4	184
41	Amorphous Diphenylaminofluorene-Functionalized Iridium Complexes for High-Efficiency Electrophosphorescent Light-Emitting Diodes. <i>Advanced Functional Materials</i> , 2006, 16, 838-846.	7.8	181
42	Recent Progress on the Photonic Properties of Conjugated Organometallic Polymers Built Upon the <i>trans</i> - <i>Bis</i> (<i>para</i> -ethynylbenzene)bis(phosphine)platinum(<i>II</i>) Chromophore and Related Derivatives. <i>Macromolecular Rapid Communications</i> , 2010, 31, 671-713.	2.0	181
43	Towards high-power-efficiency solution-processed OLEDs: Material and device perspectives. <i>Materials Science and Engineering Reports</i> , 2020, 140, 100547.	14.8	180
44	Metallated molecular materials of fluorene derivatives and their analogues. <i>Coordination Chemistry Reviews</i> , 2005, 249, 971-997.	9.5	177
45	Multifunctional polymetallaynes: properties, functions and applications. <i>Chemical Society Reviews</i> , 2016, 45, 5264-5295.	18.7	173
46	Charge and energy transfers in functional metallophosphors and metallopolyynes. <i>Coordination Chemistry Reviews</i> , 2013, 257, 1614-1649.	9.5	172
47	Excitation Wavelength Dependent Fluorescence of an ESIPT Triazole Derivative for Amine Sensing and Anti-Counterfeiting Applications. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8773-8778.	7.2	168
48	High-performance polymer solar cells based on a 2D-conjugated polymer with an alkylthio side-chain. <i>Energy and Environmental Science</i> , 2016, 9, 885-891.	15.6	165
49	White Organic Light-Emitting Diodes with Evenly Separated Red, Green, and Blue Colors for Efficiency/Color-Rendition Trade-Off Optimization. <i>Advanced Functional Materials</i> , 2011, 21, 3785-3793.	7.8	162
50	Recent advances in copper complexes for electrical/light energy conversion. <i>Coordination Chemistry Reviews</i> , 2018, 375, 514-557.	9.5	159
51	Solution-Processible Multi-Component Cyclometalated Iridium Phosphors for High-Efficiency Orange-Emitting OLEDs and Their Potential Use as White Light Sources. <i>Advanced Functional Materials</i> , 2007, 17, 2925-2936.	7.8	156
52	Heterobimetallic Zn(II)-Ln(III) Phenylene-Bridged Schiff Base Complexes, Computational Studies, and Evidence for Singlet Energy Transfer as the Main Pathway in the Sensitization of Near-Infrared Nd ³⁺ Luminescence. <i>Inorganic Chemistry</i> , 2006, 45, 9315-9325.	1.9	155
53	Efficient Organic Light-Emitting Diodes based on Sublimable Charged Iridium Phosphorescent Emitters. <i>Advanced Functional Materials</i> , 2007, 17, 315-323.	7.8	154
54	Synthesis and near-infrared luminescence of 3d-4f bi-metallic Schiff base complexes. <i>New Journal of Chemistry</i> , 2002, 26, 275-278.	1.4	153

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55	Metallopolyyne Polymers as New Functional Materials for Photovoltaic and Solar Cell Applications. <i>Macromolecular Chemistry and Physics</i> , 2008, 209, 14-24.	1.1	146
56	Near-Infrared Emitting Materials via Harvesting Triplet Excitons: Molecular Design, Properties, and Application in Organic Light Emitting Diodes. <i>Advanced Optical Materials</i> , 2018, 6, 1800466.	3.6	139
57	Optical Power Limiters Based on Colorless Di-, Oligo-, and Polymetallaynes: Highly Transparent Materials for Eye Protection Devices. <i>Advanced Functional Materials</i> , 2007, 17, 963-975.	7.8	138
58	High-Efficiency White Organic Light-Emitting Devices Based on a Highly Amorphous Iridium(III) Orange Phosphor. <i>Chemistry of Materials</i> , 2006, 18, 5097-5103.	3.2	137
59	Duplicating "sunlight" from simple WOLEDs for lighting applications. <i>Chemical Communications</i> , 2009, , 3574.	2.2	135
60	A Polyferroplatinyne Precursor for the Rapid Fabrication of L1_O-FePt-type Bit Patterned Media by Nanoimprint Lithography. <i>Advanced Materials</i> , 2012, 24, 1034-1040.	11.1	134
61	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
62	Phosphorescence Color Tuning by Ligand, and Substituent Effects of Multifunctional Iridium(III) Cyclometalates with Arylcarbazole Moieties. <i>Chemistry - an Asian Journal</i> , 2009, 4, 89-103.	1.7	129
63	A Trinuclear Heterobimetallic Ru(II)/Pt(II) Complex as a Chemodosimeter Selective for Sulfhydryl-Containing Amino Acids and Peptides. <i>Journal of the American Chemical Society</i> , 2003, 125, 7802-7803.	6.6	127
64	Effect of Oligothieryl Chain Length on Tuning the Solar Cell Performance in Fluorene-Based Polyplatinyne. <i>Advanced Functional Materials</i> , 2008, 18, 2824-2833.	7.8	127
65	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
66	White Metallopolyyne for Optical Limiting/Transparency Trade-off Optimization. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 6189-6193.	7.2	126
67	Synthesis and Photovoltaic Properties of New Metalloporphyrin-Containing Polyplatinyne Polymers. <i>Macromolecules</i> , 2011, 44, 5155-5167.	2.2	125
68	Red shift properties, crystal field theory and nephelauxetic effect on Mn ⁴⁺ -doped SrMgAl _{10-y} GaO ₁₇ red phosphor for plant growth LED light. <i>Chemical Engineering Journal</i> , 2020, 396, 125208.	6.6	124
69	Synthesis and Electronic Properties of New Photoluminescent Platinum-Containing Polyyne with 9,9-Dihexylfluorene and 9-Butylcarbazole Units. <i>Macromolecules</i> , 2002, 35, 3506-3513.	2.2	123
70	BRAF and NRAS mutations are uncommon in melanomas arising in diverse internal organs. <i>Journal of Clinical Pathology</i> , 2005, 58, 640-644.	1.0	123
71	Recent Advances in Luminescent Transition Metal Polyyne Polymers. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2005, 15, 197-219.	1.9	122
72	Synthesis, structure, reactivity and photoluminescence of lanthanide(III) monoporphyrinate complexes. <i>Coordination Chemistry Reviews</i> , 2007, 251, 2386-2399.	9.5	120

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73	High-efficiency and color-stable white organic light-emitting devices based on sky blue electrofluorescence and orange electrophosphorescence. <i>Applied Physics Letters</i> , 2008, 92, .	1.5	119
74	Recent advances in green nanoparticulate systems for drug delivery: efficient delivery and safety concern. <i>Nanomedicine</i> , 2017, 12, 357-385.	1.7	119
75	New Co(OH) ₂ /CdS nanowires for efficient visible light photocatalytic hydrogen production. <i>Journal of Materials Chemistry A</i> , 2016, 4, 5282-5287.	5.2	114
76	Squaraine Dyes for Dye-Sensitized Solar Cells: Recent Advances and Future Challenges. <i>Chemistry - an Asian Journal</i> , 2013, 8, 1706-1719.	1.7	113
77	Synthesis, structures and luminescent properties of new heterobimetallic Zn-4f Schiff base complexes. <i>Inorganica Chimica Acta</i> , 2004, 357, 4510-4521.	1.2	111
78	Carbazole-based coplanar molecule (CmInF) as a universal host for multi-color electrophosphorescent devices. <i>Journal of Materials Chemistry</i> , 2012, 22, 215-224.	6.7	111
79	Cyclometallated tridentate platinum(II) arylacetylide complexes: old wine in new bottles. <i>Chemical Society Reviews</i> , 2019, 48, 5547-5563.	18.7	111
80	Multifunctional metallophosphors with anti-triplet-triplet annihilation properties for solution-processable electroluminescent devices. <i>Journal of Materials Chemistry</i> , 2008, 18, 1799.	6.7	108
81	Binuclear Gold(I) and Mercury(II) Derivatives of Diethynylfluorenes. <i>Organometallics</i> , 2001, 20, 5446-5454.	1.1	107
82	Synthesis and Lithographic Patterning of FePt Nanoparticles Using a Bimetallic Metallopolyyne Precursor. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 1255-1259.	7.2	107
83	Mercury alkynyls as versatile templates for new organometallic materials and polymers. <i>Coordination Chemistry Reviews</i> , 2007, 251, 2400-2427.	9.5	106
84	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
85	A simple and efficient approach toward deep-red to near-infrared-emitting iridium(III) complexes for organic light-emitting diodes with external quantum efficiencies of over 10%. <i>Chemical Science</i> , 2020, 11, 2342-2349.	3.7	101
86	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
87	Synthesis and characterisation of new acetylide-functionalised oligothiophenes and their dinuclear platinum complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 4283-4288.	1.1	96
88	Large Optical-Limiting Response in Some Solution-Processable Polyplatinaynes. <i>Chemistry of Materials</i> , 2005, 17, 5209-5217.	3.2	96
89	Conformational engineering of co-sensitizers to retard back charge transfer for high-efficiency dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2013, 1, 11553.	5.2	94
90	Platinum(II)-Bis(aryleneethynylene) Complexes for Solution-Processable Molecular Bulk Heterojunction Solar Cells. <i>Chemistry - A European Journal</i> , 2012, 18, 1502-1511.	1.7	93

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91	Photofunctionality in Porphyrin-Hybridized Bis(dipyrrinato)zinc(II) Complex Micro- and Nanosheets. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3526-3530.	7.2	92
92	Recent advances of iridium(III) metallophosphors for health-related applications. <i>Coordination Chemistry Reviews</i> , 2020, 413, 213267.	9.5	92
93	A Molecular Pivot-Hinge-Based on the pH-Regulated Intramolecular Switching of Pt ^{II} and Ir ^{III} Interactions. <i>Journal of the American Chemical Society</i> , 2006, 128, 16434-16435.	6.6	91
94	Synthesis of new bis(acetylide)-substituted fluorene derivatives and their bimetallic and polymeric complexes. <i>Journal of Organometallic Chemistry</i> , 1998, 556, 219-228.	0.8	89
95	A yellow-emitting iridium complex for use in phosphorescent multiple-emissive-layer white organic light-emitting diodes with high color quality and efficiency. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 1518-1527.	0.8	88
96	Molecular Engineering of Simple Phenothiazine-Based Dyes To Modulate Dye Aggregation, Charge Recombination, and Dye Regeneration in Highly Efficient Dye-Sensitized Solar Cells. <i>Chemistry - A European Journal</i> , 2014, 20, 6300-6308.	1.7	88
97	Triplet Emission in Soluble Mercury(II) Polyyne Polymers. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 4064-4068.	7.2	87
98	A molecular approach to magnetic metallic nanostructures from metallopolymer precursors. <i>Chemical Society Reviews</i> , 2018, 47, 4934-4953.	18.7	87
99	A simple Schiff base as dual-responsive fluorescent sensor for bioimaging recognition of Zn ²⁺ and Al ³⁺ in living cells. <i>Journal of Materials Chemistry B</i> , 2018, 6, 5435-5442.	2.9	87
100	Tetranuclear NIR luminescent Schiff-base Zn ^{II} -Nd complexes. <i>New Journal of Chemistry</i> , 2008, 32, 127-131.	1.4	86
101	A Water-Soluble Organometallic Conjugated Polyelectrolyte for the Direct Colorimetric Detection of Silver Ion in Aqueous Media with High Selectivity and Sensitivity. <i>Macromolecules</i> , 2011, 44, 483-489.	2.2	85
102	A strong two-photon induced phosphorescent Golgi-specific in vitro marker based on a heteroleptic iridium complex. <i>Chemical Communications</i> , 2012, 48, 2525.	2.2	85
103	Synthesis, characterisation and properties of platinum(II) acetylide complexes of ferrocenylfluorene: novel soluble donor-acceptor heterometallic materials. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 2761-2766.	1.1	84
104	Power-efficient solution-processed red organic light-emitting diodes based on an exciplex host and a novel phosphorescent iridium complex. <i>Journal of Materials Chemistry C</i> , 2016, 4, 5787-5794.	2.7	84
105	Cyclometalated Iridium(III) Carbene Phosphors for Highly Efficient Blue Organic Light-Emitting Diodes. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 40497-40502.	4.0	84
106	Hyperbranched Phosphorescent Conjugated Polymer Dots with Iridium(III) Complex as the Core for Hypoxia Imaging and Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 28319-28330.	4.0	84
107	Phosphorescent Manganese(II) Complexes and Their Emerging Applications. <i>Advanced Optical Materials</i> , 2020, 8, 2000985.	3.6	84
108	The role of reactive oxygen species in the biological activity of antimicrobial agents: An updated mini review. <i>Chemico-Biological Interactions</i> , 2020, 320, 109023.	1.7	84

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109	Synthesis, Redox and Optical Properties of Low-Bandgap Platinum(II) Polyynes with 9-Dicyanomethylene-Substituted Fluorene Acceptors. <i>Macromolecular Rapid Communications</i> , 2001, 22, 461-465.	2.0	82
110	Syntheses, structures, two-photon absorption cross-sections and computed second hyperpolarisabilities of quadrupolar Aa€“t€a€“A systems containing E-dimesitylborylethenyl acceptors. <i>Journal of Materials Chemistry</i> , 2009, 19, 7532.	6.7	81
111	Phosphorescent soft salt for ratiometric and lifetime imaging of intracellular pH variations. <i>Chemical Science</i> , 2016, 7, 3338-3346.	3.7	81
112	A versatile color tuning strategy for iridium(III) and platinum(II) electrophosphors by shifting the charge-transfer states with an electron-deficient core. <i>Journal of Materials Chemistry</i> , 2009, 19, 1872.	6.7	80
113	Design and Synthesis of Near-€nfrared Emissive Lanthanide Complexes Based on Macrocyclic Ligands. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 4651-4674.	1.0	80
114	Synthesis and Spectroscopic Studies of Cyclometalated Pt(II) Complexes Containing a Functionalized Cyclometalating Ligand, 2-Phenyl-6-(1H-pyrazol-3-yl)-pyridine. <i>Inorganic Chemistry</i> , 2007, 46, 3603-3612.	1.9	78
115	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
116	Synthesis and Characterization of Blue-Light-Emitting Alternating Copolymers of 9,9-Dihexylfluorene and 9-Arylcarbazole. <i>Macromolecules</i> , 2005, 38, 4970-4976.	2.2	77
117	A fluorescent probe for intracellular cysteine overcoming the interference by glutathione. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 6128.	1.5	77
118	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
119	3D graphene/hydroxypropyl-€2-cyclodextrin nanocomposite as an electrochemical chiral sensor for the recognition of tryptophan enantiomers. <i>Journal of Materials Chemistry C</i> , 2018, 6, 12822-12829.	2.7	76
120	Triplet Emission in Platinum-Containing Poly(alkynylsilanes). <i>Macromolecules</i> , 2003, 36, 983-990.	2.2	75
121	Ferrocene-containing poly(fluorenylethynylene)s for nonvolatile resistive memory devices. <i>Journal of Materials Chemistry C</i> , 2016, 4, 921-928.	2.7	75
122	Intrachain Electron and Energy Transfers in Metal Diynes and Polyynes of Group 10-€11 Transition Elements Containing Various Carbazole and Fluorene Hybrids. <i>Macromolecules</i> , 2009, 42, 6902-6916.	2.2	74
123	A 2,7-carbazole-based dicationic salt for fluorescence detection of nucleic acids and two-photon fluorescence imaging of RNA in nucleoli and cytoplasm. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 3615.	1.5	74
124	New phenothiazine-based dyes for efficient dye-sensitized solar cells: Positioning effect of a donor group on the cell performance. <i>Journal of Power Sources</i> , 2013, 243, 253-259.	4.0	74
125	Metallopolymers for energy production, storage and conservation. <i>Polymer Chemistry</i> , 2015, 6, 6905-6930.	1.9	74
126	Spatial Extent of the Singlet and Triplet Excitons in Luminescent Angular-Shaped Transition-Metal Diynes and Polyynes Comprising Non-€-Conjugated Group 16 Main Group Elements. <i>Chemistry - A European Journal</i> , 2006, 12, 2550-2563.	1.7	73

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127	One-dimensional Ferromagnetically Coupled Bimetallic Chains Constructed with $[Ru(acac)_2(CN)_2]^+$: Syntheses, Structures, Magnetic Properties, and Density Functional Theoretical Study. <i>Chemistry - A European Journal</i> , 2010, 16, 3524-3535.	1.7	73
128	Near-Infrared-Excited Multicolor Afterglow in Carbon Dots-Based Room-Temperature Afterglow Materials. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22253-22259.	7.2	73
129	Synthesis, structure and near-infrared luminescence of neutral $3d\text{-}4f$ bi-metallic monoporphyrate complexes. <i>Dalton Transactions RSC</i> , 2001, , 3092-3098.	2.3	72
130	Bis(alkynyl) Mercury(II) Complexes of Oligothiophenes and Bithiazoles. <i>Organometallics</i> , 2002, 21, 4475-4481.	1.1	72
131	Harvesting of Organic Triplet Emissions in Metal Diynes and Polyynes of Group 10-12 Transition Elements Containing the Conjugation-Interrupting Diphenylfluorene Unit. <i>Macromolecules</i> , 2004, 37, 4496-4504.	2.2	72
132	New platinum(II) complexes as triplet emitters for high-efficiency monochromatic pure orange electroluminescent devices. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 3461-3473.	0.8	72
133	Reduced efficiency roll-off in highly efficient and color-stable hybrid WOLEDs: The influence of triplet transfer and charge-transport behavior on enhancing device performance. <i>Organic Electronics</i> , 2010, 11, 238-246.	1.4	72
134	Structural engineering of porphyrin-based small molecules as donors for efficient organic solar cells. <i>Chemical Science</i> , 2016, 7, 4301-4307.	3.7	72
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