

# Wong Wai-Yeung

## List of Publications by Citations

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769  
papers

33,147  
citations

85  
h-index

150  
g-index

834  
ext. papers

35,979  
ext. citations

6.6  
avg, IF

7.65  
L-index

#	Paper	IF	Citations
769	Simultaneous enhancement of open-circuit voltage, short-circuit current density, and fill factor in polymer solar cells. <i>Advanced Materials</i> , <b>2011</b> , 23, 4636-43	24	1860
768	Functionalization of phosphorescent emitters and their host materials by main-group elements for phosphorescent organic light-emitting devices. <i>Chemical Society Reviews</i> , <b>2015</b> , 44, 8484-575	58.5	634
767	Heavy metal organometallic electrophosphors derived from multi-component chromophores. <i>Coordination Chemistry Reviews</i> , <b>2009</b> , 253, 1709-1758	23.2	564
766	Metallated conjugated polymers as a new avenue towards high-efficiency polymer solar cells. <i>Nature Materials</i> , <b>2007</b> , 6, 521-7	27	523
765	Functional metallophosphors for effective charge carrier injection/transport: new robust OLED materials with emerging applications. <i>Journal of Materials Chemistry</i> , <b>2009</b> , 19, 4457		484
764	Improvement of open-circuit voltage and photovoltaic properties of 2D-conjugated polymers by alkylthio substitution. <i>Energy and Environmental Science</i> , <b>2014</b> , 7, 2276-2284	35.4	460
763	Manipulating Charge-Transfer Character with Electron-Withdrawing Main-Group Moieties for the Color Tuning of Iridium Electrophosphors. <i>Advanced Functional Materials</i> , <b>2008</b> , 18, 499-511	15.6	458
762	White polymer light-emitting devices for solid-state lighting: materials, devices, and recent progress. <i>Advanced Materials</i> , <b>2014</b> , 26, 2459-73	24	430
761	Organometallic photovoltaics: a new and versatile approach for harvesting solar energy using conjugated polymetallaynes. <i>Accounts of Chemical Research</i> , <b>2010</b> , 43, 1246-56	24.3	401
760	New design tactics in OLEDs using functionalized 2-phenylpyridine-type cyclometalates of iridium(III) and platinum(II). <i>Chemistry - an Asian Journal</i> , <b>2011</b> , 6, 1706-27	4.5	337
759	Triphenylamine-dendronized pure red iridium phosphors with superior OLED efficiency/color purity trade-offs. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 1149-51	16.4	332
758	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> , <b>2012</b> , 24, 1873-7	24	321
757	Efficient Polymer White-Light-Emitting Devices for Solid-State Lighting. <i>Advanced Materials</i> , <b>2009</b> , 21, 4181-4184	24	302
756	Recent progress and current challenges in phosphorescent white organic light-emitting diodes (WOLEDs). <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , <b>2010</b> , 11, 133-156	16.4	289
755	Organometallic acetylides of Pt(II), Au(I) and Hg(II) as new generation optical power limiting materials. <i>Chemical Society Reviews</i> , <b>2011</b> , 40, 2541-66	58.5	280
754	Di-, oligo- and polymetallaynes: Syntheses, photophysics, structures and applications. <i>Coordination Chemistry Reviews</i> , <b>2006</b> , 250, 2627-2690	23.2	273
753	A photofunctional bottom-up bis(dipyrrinato)zinc(II) complex nanosheet. <i>Nature Communications</i> , <b>2015</b> , 6, 6713	17.4	249

752	A Multifunctional Iridium-Carbazolyl Orange Phosphor for High-Performance Two-Element WOLED Exploiting Exciton-Managed Fluorescence/Phosphorescence. <i>Advanced Functional Materials</i> , <b>2008</b> , 18, 928-937	15.6	241
751	Recent design tactics for high performance white polymer light-emitting diodes. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 1760	7.1	239
750	Significant Improvement of Dye-Sensitized Solar Cell Performance Using Simple Phenothiazine-Based Dyes. <i>Chemistry of Materials</i> , <b>2013</b> , 25, 2146-2153	9.6	231
749	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> , <b>2007</b> , 129, 14372-80	16.4	231
748	A near-infrared-fluorescent chemodosimeter for mercuric ion based on an expanded porphyrin. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 3150-4	16.4	231
747	Red to near-infrared organometallic phosphorescent dyes for OLED applications. <i>Journal of Organometallic Chemistry</i> , <b>2014</b> , 751, 261-285	2.3	213
746	Metal-containing polymers: Facile tuning of photophysical traits and emerging applications in organic electronics and photonics. <i>Coordination Chemistry Reviews</i> , <b>2011</b> , 255, 2469-2502	23.2	212
745	Red-Light-Emitting Iridium Complexes with Hole-Transporting 9-Arylcarbazole Moieties for Electrophosphorescence Efficiency/Color Purity Trade-off Optimization. <i>Advanced Functional Materials</i> , <b>2008</b> , 18, 319-331	15.6	212
744	Evolution of lowest singlet and triplet excited states with number of thienyl rings in platinum poly-yenes. <i>Journal of Chemical Physics</i> , <b>1999</b> , 110, 4963-4970	3.9	211
743	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> , <b>2006</b> , 12, 2758-71	4.8	207
742	A heterobimetallic ruthenium(II)-copper(II) donor-acceptor complex as a chemodosimetric ensemble for selective cyanide detection. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 8387-93	5.1	206
741	Phosphorescent platinum(II) complexes derived from multifunctional chromophores: synthesis, structures, photophysics, and electroluminescence. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 10922-37	5.1	203
740	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> , <b>2010</b> , 20, 7472		199
739	Luminescent organometallic poly(aryleneethynylene)s: functional properties towards implications in molecular optoelectronics. <i>Dalton Transactions</i> , <b>2007</b> , 4495-510	4.3	198
738	Simultaneous optimization of charge-carrier balance and luminous efficacy in highly efficient white polymer light-emitting devices. <i>Advanced Materials</i> , <b>2011</b> , 23, 2976-80	24	195
737	Multifunctional iridium complexes based on carbazole modules as highly efficient electrophosphores. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 7800-3	16.4	193
736	Regioregular pyridal[2,1,3]thiadiazole $\pi$ -conjugated copolymers. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 18538-41	16.4	191
735	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> , <b>2009</b> , 15, 198-208	4.8	184

734	Energy materials based on metal Schiff base complexes. <i>Coordination Chemistry Reviews</i> , <b>2018</b> , 355, 180-198	19.8	180
733	A Multifunctional Platinum-Based Triplet Emitter for OLED Applications#. <i>Organometallics</i> , <b>2005</b> , 24, 4079-4082	3.8	179
732	Amorphous Diphenylaminofluorene-Functionalized Iridium Complexes for High-Efficiency Electrophosphorescent Light-Emitting Diodes. <i>Advanced Functional Materials</i> , <b>2006</b> , 16, 838-846	15.6	177
731	Small-molecular blue phosphorescent dyes for organic light-emitting devices. <i>New Journal of Chemistry</i> , <b>2013</b> , 37, 1665	3.6	174
730	Recent Progress on the Photonic Properties of Conjugated Organometallic Polymers Built Upon the trans-Bis(para-ethynylbenzene)bis(phosphine)platinum(II) Chromophore and Related Derivatives. <i>Macromolecular Rapid Communications</i> , <b>2010</b> , 31, 671-713	4.8	172
729	Highly selective red- and green-emitting two-photon fluorescent probes for cysteine detection and their bio-imaging in living cells. <i>Chemical Communications</i> , <b>2012</b> , 48, 3442-4	5.8	164
728	Metallated molecular materials of fluorene derivatives and their analogues. <i>Coordination Chemistry Reviews</i> , <b>2005</b> , 249, 971-997	23.2	161
727	Charge and energy transfers in functional metallophosphors and metallopolynes. <i>Coordination Chemistry Reviews</i> , <b>2013</b> , 257, 1614-1649	23.2	159
726	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> , <b>2011</b> , 21, 3785-3793	15.6	154
725	High-performance polymer solar cells based on a 2D-conjugated polymer with an alkylthio side-chain. <i>Energy and Environmental Science</i> , <b>2016</b> , 9, 885-891	35.4	150
724	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> , <b>2007</b> , 17, 2925-2936	15.6	149
723	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 <sup>3+</sup> luminescence. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 9315-25	5.1	149
722	Efficient Organic Light-Emitting Diodes based on Sublimable Charged Iridium Phosphorescent Emitters. <i>Advanced Functional Materials</i> , <b>2007</b> , 17, 315-323	15.6	145
721	Multifunctional polymetallaynes: properties, functions and applications. <i>Chemical Society Reviews</i> , <b>2016</b> , 45, 5264-95	58.5	136
720	Metallopolyyne Polymers as New Functional Materials for Photovoltaic and Solar Cell Applications. <i>Macromolecular Chemistry and Physics</i> , <b>2008</b> , 209, 14-24	2.6	136
719	Synthesis and near-infrared luminescence of 3d-4f bi-metallic Schiff base complexes. <i>New Journal of Chemistry</i> , <b>2002</b> , 26, 275-278	3.6	136
718	Duplicating "sunlight" from simple WOLEDs for lighting applications. <i>Chemical Communications</i> , <b>2009</b> , 3574-6	5.8	132
717	Optical Power Limiters Based on Colorless Di-, Oligo-, and Polymetallaynes: Highly Transparent Materials for Eye Protection Devices. <i>Advanced Functional Materials</i> , <b>2007</b> , 17, 963-975	15.6	132

716	High-Efficiency White Organic Light-Emitting Devices Based on a Highly Amorphous Iridium(III) Orange Phosphor. <i>Chemistry of Materials</i> , <b>2006</b> , 18, 5097-5103	9.6	131
715	Phosphorescence color tuning by ligand, and substituent effects of multifunctional iridium(III) cyclometalates with 9-arylcarbazole moieties. <i>Chemistry - an Asian Journal</i> , <b>2009</b> , 4, 89-103	4.5	127
714	A polyferroplatinyne precursor for the rapid fabrication of L1(0) -FePt-type bit patterned media by nanoimprint lithography. <i>Advanced Materials</i> , <b>2012</b> , 24, 1034-40	24	126
713	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> , <b>2003</b> , 125, 7802-3	16.4	124
712	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> , <b>2009</b> , 19, 531-544	15.6	122
711	Effect of Oligothieryl Chain Length on Tuning the Solar Cell Performance in Fluorene-Based Polyplatinyne. <i>Advanced Functional Materials</i> , <b>2008</b> , 18, 2824-2833	15.6	121
710	Recent Advances in Luminescent Transition Metal Polyene Polymers. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2005</b> , 15, 197-219	3.2	116
709	Single-Molecular White-Light Emitters and Their Potential WOLED Applications. <i>Advanced Materials</i> , <b>2020</b> , 32, e1903269	24	116
708	White metallopolyynes for optical limiting/transparency trade-off optimization. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 6189-93	16.4	115
707	Synthesis and Electronic Properties of New Photoluminescent Platinum-Containing Polyynes with 9,9-Dihexylfluorene and 9-Butylcarbazole Units. <i>Macromolecules</i> , <b>2002</b> , 35, 3506-3513	5.5	115
706	From Mononuclear to Dinuclear Iridium(III) Complex: Effective Tuning of the Optoelectronic Characteristics for Organic Light-Emitting Diodes. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 1720-7	5.1	114
705	Synthesis and Photovoltaic Properties of New Metalloporphyrin-Containing Polyplatinyne Polymers. <i>Macromolecules</i> , <b>2011</b> , 44, 5155-5167	5.5	114
704	High-efficiency and color-stable white organic light-emitting devices based on sky blue electrofluorescence and orange electrophosphorescence. <i>Applied Physics Letters</i> , <b>2008</b> , 92, 083301	3.4	110
703	BRAF and NRAS mutations are uncommon in melanomas arising in diverse internal organs. <i>Journal of Clinical Pathology</i> , <b>2005</b> , 58, 640-4	3.9	108
702	Multifunctional metallophosphors with anti-triplet-triplet annihilation properties for solution-processable electroluminescent devices. <i>Journal of Materials Chemistry</i> , <b>2008</b> , 18, 1799		106
701	Carbazole-based coplanar molecule (CmInF) as a universal host for multi-color electrophosphorescent devices. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 215-224		105
700	Synthesis, structure, reactivity and photoluminescence of lanthanide(III) monoporphyrinate complexes. <i>Coordination Chemistry Reviews</i> , <b>2007</b> , 251, 2386-2399	23.2	104
699	Squaraine dyes for dye-sensitized solar cells: recent advances and future challenges. <i>Chemistry - an Asian Journal</i> , <b>2013</b> , 8, 1706-19	4.5	102

698	Mercury alkynyls as versatile templates for new organometallic materials and polymers. <i>Coordination Chemistry Reviews</i> , <b>2007</b> , 251, 2400-2427	23.2	102
697	Synthesis, structures and luminescent properties of new heterobimetallic Zn-4f Schiff base complexes. <i>Inorganica Chimica Acta</i> , <b>2004</b> , 357, 4510-4521	2.7	102
696	Binuclear Gold(I) and Mercury(II) Derivatives of Diethynylfluorenes. <i>Organometallics</i> , <b>2001</b> , 20, 5446-5454	4.8	100
695	New Co(OH) <sub>2</sub> /CdS nanowires for efficient visible light photocatalytic hydrogen production. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 5282-5287	13	99
694	Recent Advances in Solution-Processable Dendrimers for Highly Efficient Phosphorescent Organic Light-Emitting Diodes (PHOLEDs). <i>Asian Journal of Organic Chemistry</i> , <b>2015</b> , 4, 394-429	3	99
693	Recent advances in copper complexes for electrical/light energy conversion. <i>Coordination Chemistry Reviews</i> , <b>2018</b> , 375, 514-557	23.2	99
692	Synthesis and lithographic patterning of FePt nanoparticles using a bimetallic metallopolyne precursor. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 1255-9	16.4	98
691	Towards high-power-efficiency solution-processed OLEDs: Material and device perspectives. <i>Materials Science and Engineering Reports</i> , <b>2020</b> , 140, 100547	30.9	93
690	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> , <b>2008</b> , 3, 1830-41	4.5	93
689	Near-Infrared Emitting Materials via Harvesting Triplet Excitons: Molecular Design, Properties, and Application in Organic Light Emitting Diodes. <i>Advanced Optical Materials</i> , <b>2018</b> , 6, 1800466	8.1	92
688	Excitation Wavelength Dependent Fluorescence of an ESIPT Triazole Derivative for Amine Sensing and Anti-Counterfeiting Applications. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 8773-8778	16.4	91
687	Synthesis and characterisation of new acetylide-functionalised oligothiophenes and their dinuclear platinum complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1997</b> , 4283-4288		91
686	Large Optical-Limiting Response in Some Solution-Processable Polyplatinaynes. <i>Chemistry of Materials</i> , <b>2005</b> , 17, 5209-5217	9.6	90
685	Conformational engineering of co-sensitizers to retard back charge transfer for high-efficiency dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 11553	13	88
684	Platinum(II)-bis(aryleneethynylene) complexes for solution-processible molecular bulk heterojunction solar cells. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 1502-11	4.8	85
683	A "molecular pivot-hinge" based on the pH-regulated intramolecular switching of Pt-Pt and pi-pi interactions. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 16434-5	16.4	84
682	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> , <b>2014</b> , 20, 6300-8	4.8	83
681	Tetranuclear NIR luminescent Schiff-base Zn <sub>4</sub> Id complexes. <i>New Journal of Chemistry</i> , <b>2008</b> , 32, 127-131	3.6	83

680	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> , <b>2008</b> , 693, 1518-1527	2.3	83
679	Photofunctionality in Porphyrin-Hybridized Bis(dipyrrinato)zinc(II) Complex Micro- and Nanosheets. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 3526-3530	16.4	82
678	Recent advances in green nanoparticulate systems for drug delivery: efficient delivery and safety concern. <i>Nanomedicine</i> , <b>2017</b> , 12, 357-385	5.6	81
677	Triplet emission in soluble mercury(II) polyyne polymers. <i>Angewandte Chemie - International Edition</i> , <b>2003</b> , 42, 4064-8	16.4	80
676	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> , <b>2011</b> , 44, 483-489	5.5	78
675	A strong two-photon induced phosphorescent Golgi-specific in vitro marker based on a heteroleptic iridium complex. <i>Chemical Communications</i> , <b>2012</b> , 48, 2525-7	5.8	77
674	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> , <b>1998</b> , 2761-2766		77
673	Syntheses, structures, two-photon absorption cross-sections and computed second hyperpolarisabilities of quadrupolar A <sub>2</sub> B systems containing E-dimesitylborylethenyl acceptors. <i>Journal of Materials Chemistry</i> , <b>2009</b> , 19, 7532		76
672	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> , <b>2009</b> , 19, 1872		76
671	Synthesis and Characterization of Blue-Light-Emitting Alternating Copolymers of 9,9-Dihexylfluorene and 9-Arylcarbazole. <i>Macromolecules</i> , <b>2005</b> , 38, 4970-4976	5.5	76
670	Synthesis of new bis(acetylide)-substituted fluorene derivatives and their bimetallic and polymeric complexes. <i>Journal of Organometallic Chemistry</i> , <b>1998</b> , 556, 219-228	2.3	75
669	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> , <b>2007</b> , 46, 3603-12	5.1	74
668	Design and Synthesis of Near-Infrared Emissive Lanthanide Complexes Based on Macrocyclic Ligands. <i>European Journal of Inorganic Chemistry</i> , <b>2011</b> , 2011, 4651-4674	2.3	73
667	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> , <b>2010</b> , 11, 238-246	3.5	72
666	Trifunctional Ir(III) ppy-type asymmetric phosphorescent emitters with ambipolar features for highly efficient electroluminescent devices. <i>Chemical Communications</i> , <b>2014</b> , 50, 2473-6	5.8	70
665	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> , <b>2009</b> , 42, 6902-6916	5.5	70
664	One-dimensional ferromagnetically coupled bimetallic chains constructed with trans-[Ru(acac) <sub>2</sub> (CN) <sub>2</sub> ]-: syntheses, structures, magnetic properties, and density functional theoretical study. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 3524-35	4.8	70
663	Triplet Emission in Platinum-Containing Poly(alkynylsilanes). <i>Macromolecules</i> , <b>2003</b> , 36, 983-990	5.5	70

662	Structural engineering of porphyrin-based small molecules as donors for efficient organic solar cells. <i>Chemical Science</i> , <b>2016</b> , 7, 4301-4307	9.4	69
661	New platinum(II) complexes as triplet emitters for high-efficiency monochromatic pure orange electroluminescent devices. <i>Journal of Organometallic Chemistry</i> , <b>2007</b> , 692, 3461-3473	2.3	69
660	Synthesis, Redox and Optical Properties of Low-Bandgap Platinum(II) Polyynes with 9-Dicyanomethylene-Substituted Fluorene Acceptors. <i>Macromolecular Rapid Communications</i> , <b>2001</b> , 22, 461-465	4.8	69
659	Metallopolymers for energy production, storage and conservation. <i>Polymer Chemistry</i> , <b>2015</b> , 6, 6905-6930	4.9	68
658	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> , <b>2013</b> , 243, 253-259	8.9	68
657	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> , <b>2011</b> , 9, 3615-8	3.9	68
656	Bis(alkynyl) Mercury(II) Complexes of Oligothiophenes and Bithiazoles. <i>Organometallics</i> , <b>2002</b> , 21, 4475-4481	4.81	68
655	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> , <b>2016</b> , 4, 5787-5794	7.1	68
654	Phosphorescent soft salt for ratiometric and lifetime imaging of intracellular pH variations. <i>Chemical Science</i> , <b>2016</b> , 7, 3338-3346	9.4	67
653	Spatial extent of the singlet and triplet excitons in luminescent angular-shaped transition-metal diynes and polyynes comprising non- $\pi$ -conjugated group 16 main group elements. <i>Chemistry - A European Journal</i> , <b>2006</b> , 12, 2550-63	4.8	67
652	Synthesis, structure and near-infrared luminescence of neutral 3d $\pi$ f bi-metallic monoporphyrate complexes. <i>Dalton Transactions RSC</i> , <b>2001</b> , 3092-3098		67
651	Cyclometallated tridentate platinum(ii) arylacetylide complexes: old wine in new bottles. <i>Chemical Society Reviews</i> , <b>2019</b> , 48, 5547-5563	58.5	66
650	A new two-dimensional oligothiophene end-capped with alkyl cyanoacetate groups for highly efficient solution-processed organic solar cells. <i>Chemical Communications</i> , <b>2013</b> , 49, 4409-11	5.8	65
649	Tuning the donor-acceptor strength of low-bandgap platinum-acetylide polymers for near-infrared photovoltaic applications. <i>Macromolecular Rapid Communications</i> , <b>2011</b> , 32, 1472-7	4.8	65
648	Triphenylamine-Dendronized Pure Red Iridium Phosphors with Superior OLED Efficiency/Color Purity Trade-Offs. <i>Angewandte Chemie</i> , <b>2007</b> , 119, 1167-1169	3.6	64
647	A Near-Infrared-Fluorescent Chemodosimeter for Mercuric Ion Based on an Expanded Porphyrin. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 3222-3226	3.6	64
646	Harvesting of Organic Triplet Emissions in Metal Diynes and Polyynes of Group 10 $\pi$ 2 Transition Elements Containing the Conjugation-Interrupting Diphenylfluorene Unit. <i>Macromolecules</i> , <b>2004</b> , 37, 4496-4504	5.5	64
645	Synthesis, optical and photoconducting properties of platinum poly-yne polymers functionalized with electron-donating and electron-withdrawing bithiazole units. <i>Macromolecular Rapid Communications</i> , <b>2000</b> , 21, 453-457	4.8	64

644	A fluorescent probe for intracellular cysteine overcoming the interference by glutathione. <i>Organic and Biomolecular Chemistry</i> , <b>2014</b> , 12, 6128-33	3.9	63
643	Supramolecular double helical Cu(I) complexes for asymmetric cyclopropanation. <i>Chemical Communications</i> , <b>2007</b> , 5203-5	5.8	63
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273	Synthesis and photophysical properties of ternary βdiketonate europium(III) complexes incorporating bipyridine and its derivatives. <i>Dyes and Pigments</i> , <b>2022</b> , 197, 109879	4.6	11
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265	Growing Poly(norepinephrine) Layer over Individual Nanoparticles To Boost Hybrid Perovskite Photocatalysts. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 27578-27586	9.5	10
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261	Metal-Free and Metallated Polymers: Properties and Photovoltaic Performance. <i>Macromolecular Chemistry and Physics</i> , <b>2012</b> , 213, 1300-1310	2.6	10
260	Synthesis and two-photon absorption properties of unsymmetrical metallosalophen complexes. <i>Polyhedron</i> , <b>2013</b> , 49, 121-128	2.7	10
259	Helical Complexes of Chiral Quaterpyridines [Mononuclear CuII and Dinuclear CuI Complexes. <i>European Journal of Inorganic Chemistry</i> , <b>2011</b> , 2011, 5112-5124	2.3	10
258	Synthesis, Optical Properties and Photophysics of Group 10 <sup>II</sup> Transition Metal Complexes and Polymer Derived from a Central Tris(p-ethynylphenyl)amine Unit. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2009</b> , 19, 46-54	3.2	10
257	W <sub>2</sub> Cl <sub>4</sub> (NR <sub>2</sub> ) <sub>2</sub> (PR <sub>3</sub> ) <sub>2</sub> Molecules. 5. Preparation and Characterization of W <sub>2</sub> Cl <sub>4</sub> (NEt <sub>2</sub> ) <sub>2</sub> (L-L) (L-L = dmpm, dmpe, dppe), W <sub>2</sub> Cl <sub>4</sub> (NBu <sub>2</sub> ) <sub>2</sub> (L-L) (L-L = dmpm, dmpe), and W <sub>2</sub> Cl <sub>4</sub> (NHex <sub>2</sub> ) <sub>2</sub> (dmpm). First Complexes with Bridging Diphosphine Ligands in a cis,trans-Stereochemistry. <i>Inorganic Chemistry</i> , <b>1997</b> , 36, 902-912	5.1	10
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242	Synthesis, characterization, photophysical and photovoltaic properties of new donor-acceptor platinum(II) acetylide complexes. <i>Journal of Organometallic Chemistry</i> , <b>2016</b> , 812, 2-12	2.3	9
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160	Hierarchical 3D TiO <sub>2</sub> Nanotube Arrays Sensitized by Graphene Oxide and ZnxCd <sub>1-x</sub> S for High Performance Photoelectrochemical Applications. <i>Physica Status Solidi (A) Applications and Materials Science</i> , <b>2018</b> , 215, 1800436	1.6	6
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149	Reaction of the [WSe <sub>4</sub> ] <sup>2-</sup> anion with phosphines: synthesis and crystal structure of a novel cubane-like cluster [W <sub>2</sub> Se <sub>4</sub> ( $\mu$ -Se <sub>2</sub> CH <sub>2</sub> ) <sub>2</sub> {Cu(PCy <sub>3</sub> ) <sub>2</sub> } <sub>2</sub> ] (Cy?cyclohexyl). <i>Inorganica Chimica Acta</i> , <b>2001</b> , 325, 125-129	2.7	5
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145	Synthesis and Characterization of a Large-Sized $\pi$ -Conjugated Copper(II) Complex Nanosheet. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2020</b> , 30, 254-258	3.2	5
144	Synthesis of platinum(II) and palladium(II) complexes with 9,9-dihexyl-4,5-diazafluorene and their <i>in vivo</i> antitumour activity against Hep3B xenografted mice. <i>European Journal of Medicinal Chemistry</i> , <b>2016</b> , 124, 537-543	6.8	5
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135	Efficient white polymer light-emitting diodes (WPLEDs) based on covalent-grafting of into PVK. <i>Chemical Science</i> , <b>2020</b> , 11, 2640-2646	9.4	4
134	Achieving efficient green-solvent-processed organic solar cells by employing ortho-ortho perylene diimide dimer. <i>Organic Electronics</i> , <b>2020</b> , 83, 105732	3.5	4
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130	Diphenylphosphine oxide-based host materials for green phosphorescent organic light-emitting devices. <i>Dyes and Pigments</i> , <b>2017</b> , 146, 582-588	4.6	4
129	In vivo antitumour activity of amphiphilic silicon(IV) phthalocyanine with axially ligated rhodamine B. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2013</b> , 23, 2373-6	2.9	4
128	Enantioselective preparation of ferrocenyl amino phosphines and their cytotoxic activities. <i>MedChemComm</i> , <b>2011</b> , 2, 881	5	4
127	Synthesis, spectroscopic characterisation and X-ray analysis of regioisomeric 1,3,5-trisubstituted pyrazoles. <i>Journal of Molecular Structure</i> , <b>2011</b> , 995, 173-180	3.4	4
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125	Some remarkable reactions of the alkylidyne cluster [Os <sub>3</sub> ( $\mu$ -H) <sub>2</sub> (CO) <sub>9</sub> ( $\mu$ -3-CNC <sub>5</sub> H <sub>4</sub> C <sub>5</sub> H <sub>4</sub> N)](NC <sub>5</sub> H <sub>4</sub> C <sub>5</sub> H <sub>4</sub> N = 4,4'-bipyridine) with electrophiles. Crystal and molecular structures of the novel water-soluble dicationic cluster complex		4
124	Novel triosmium cluster complexes with rod-like molecular geometry. Syntheses and crystal structures of [Os <sub>3</sub> ( $\mu$ -H) <sub>2</sub> (CO) <sub>9</sub> ( $\mu$ -3-CNC <sub>5</sub> H <sub>4</sub> CHNC <sub>6</sub> H <sub>4</sub> OC <sub>16</sub> H <sub>33</sub> )] and [Os <sub>3</sub> ( $\mu$ -H)(CO) <sub>10</sub> ( $\mu$ -NC <sub>5</sub> H <sub>3</sub> CHNC <sub>6</sub> H <sub>4</sub> OC <sub>16</sub> H <sub>33</sub> )]. <i>Journal of the Chemical Society Dalton Transactions</i> <b>1996</b> , 2293-2297		4
123	Novel ultra-high-temperature zero-thermal quenching plant-protecting type blue-green dual-emission KAl <sub>10</sub> O <sub>17</sub> :Eu <sup>2+</sup> , Mn <sup>2+</sup> phosphors for urban ecological lighting. <i>Journal of Materials Chemistry C</i> ,	7.1	4

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121	Antiangiogenic activity of 2-formyl-8-hydroxy-quinolinium chloride. <i>Biomedicine and Pharmacotherapy</i> , <b>2016</b> , 80, 145-150	7.5	4
120	Synthesis, photoluminescence and electroluminescence of triphenylphosphine functionalized cyclometalated iridium(III) complexes. <i>Dyes and Pigments</i> , <b>2019</b> , 160, 717-725	4.6	4
119	Water-passivated ZnMgO nanoparticles for blue quantum dot light-emitting diodes. <i>Journal of Materials Chemistry C</i> , <b>2021</b> , 9, 10381-10387	7.1	4
118	A MoSe <sub>2</sub> quantum dot modified hole extraction layer enables binary organic solar cells with improved efficiency and stability. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 16500-16509	13	4
117	An Efficient Hole Transporting Polymer for Quantum Dot Light-Emitting Diodes. <i>Advanced Materials Interfaces</i> , <b>2021</b> , 8, 2100731	4.6	4
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115	NIR-II J-Aggregated Pt(II)-Porphyrin-Based Phosphorescent Probe for Tumor-Hypoxia Imaging.. <i>Advanced Healthcare Materials</i> , <b>2022</b> , e2200467	10.1	4
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103	1-(2,6-Dichloro-phen-yl)indolin-2-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o583		3
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53	3,5-Difluorobenzohydrazide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2007</b> , 63, o1176-o1177		1
52	Phenyl 3-phenyloxiran-2-yl ketone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2007</b> , 63, o1721-o1722		1
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41	A combination of an organic alloy and a heterojunction towards a rod-tail helix architecture with dual-color-emitting properties. <i>Nanoscale</i> , <b>2020</b> , 12, 16414-16419	7.7	1
40	Modulating Magnetism in Ferroelectric Polymer-Gated Perovskite Manganite Films with Moderate Gate Pulse Chains. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 56541-56548	9.5	1
39	Influence of Alkyl Substitution Position on Wide-Bandgap Polymers in High-Efficiency Nonfullerene Polymer Solar Cells. <i>Macromolecular Rapid Communications</i> , <b>2020</b> , 41, e2000170	4.8	1
38	Synthesis, characterization, and optoelectronic properties of phenothiazine-based organic co-poly-yenes. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 15082-15095	3.6	1
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35	Iridium(III) complexes with 1-phenylisoquinoline-4-carbonitrile units for efficient NIR organic light-emitting diodes. <i>IScience</i> , <b>2021</b> , 24, 102911	6.1	1
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