

Wong Wai-Yeung

List of Publications by Year in descending order

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docs citations

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times ranked

23793
citing authors

#	ARTICLE	IF	CITATIONS
1	Miconazole and terbinafine induced reactive oxygen species accumulation and topical toxicity in human keratinocytes. Drug and Chemical Toxicology, 2022, 45, 834-838.	2.3	14
2	Branched Polymer Materials as Proton Exchange Membranes for Fuel Cell Applications. Polymer Reviews, 2022, 62, 261-295.	10.9	28
3	Synthesis and photophysical properties of ternary β^2 -diketonate europium(III) complexes incorporating bipyridine and its derivatives. Dyes and Pigments, 2022, 197, 109879.	3.7	21
4	Metallated terpolymer donors with strongly absorbing iridium complex enables polymer solar cells with 16.71% efficiency. Chemical Engineering Journal, 2022, 430, 132832.	12.7	27
5	Platinum(II)-containing donor-acceptor dimesitylborane-based complexes: Synthesis, characterization, photophysical and photovoltaic properties. Journal of Organometallic Chemistry, 2022, 960, 122220.	1.8	2
6	Novel ultra-high-temperature zero-thermal quenching plant-protecting type blue-green dual-emission $KAl_{11}O_{17}:Eu^{2+}, Mn^{2+}$ phosphors for urban ecological lighting. Journal of Materials Chemistry C, 2022, 10, 3461-3471.	5.5	19
7	C_{11} -Symmetrical $[Ir(C^N)(C^N)(N^O)]$ -tris-heteroleptic $Ir(III)$ -complexes with one strong N^O -ancillary π -donor for efficient all-solution-processed near-infrared (NIR) polymer light-emitting diodes (PLEDs). Journal of Materials Chemistry C, 2022, 10, 3178-3187.	5.5	3
8	Metal-containing organic compounds for memory and data storage applications. Chemical Society Reviews, 2022, 51, 1926-1982.	38.1	59
9	Vapor-Phase Living Assembly of π -Conjugated Organic Semiconductors. ACS Nano, 2022, 16, 3290-3299.	14.6	12
10	Development and advancement of iridium(III)-based complexes for photocatalytic hydrogen evolution. Coordination Chemistry Reviews, 2022, 459, 214390.	18.8	38
11	Introducing a redox-active ferrocenyl moiety onto a polythiophene derivative towards high-performance flexible all-solid-state symmetric supercapacitors. Journal of Materials Chemistry A, 2022, 10, 7968-7977.	10.3	17
12	Conjugated Poly(metallaynes)., 2022, , .		0
13	Metal-free, Phosphoric Acid-catalyzed Regioselective 1,6-Hydroarylation of <i>para</i> -Quinone Methides with Indoles in Water. Chemistry - an Asian Journal, 2022, 17, .	3.3	7
14	Cadmium-Doped Zinc Sulfide Shell as a Hole Injection Springboard for Red, Green, and Blue Quantum Dot Light-Emitting Diodes. Advanced Science, 2022, 9, e2104488.	11.2	19
15	A comprehensive understanding on the roles of carbon dots in metallated graphyne based catalyst for photoinduced H ₂ O ₂ production. Nano Today, 2022, 43, 101428.	11.9	25
16	Salts of Lanthanide(III) Hexafluoroacetylacetonates [Ln = Sm(III), Eu(III) and Tb(III)] with Dipyridylammonium cations: Synthesis, characterization, photophysical properties and OLED fabrication. Dyes and Pigments, 2022, 203, 110300.	3.7	23
17	Nickel- and Palladium-Catalyzed Cross-Coupling of Stibines with Organic Halides: Site-Selective Sequential Reactions with Polyhalogenated Arenes. ACS Catalysis, 2022, 12, 854-867.	11.2	9
18	Enhancing the Light Output-Coupling of Inverted Top-Emitting Organic Light-Emitting Diodes by Using the Localized Surface Plasmon Resonance of Ag Nanoparticles. Advanced Materials Interfaces, 2022, 9, .	3.7	4

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19	Mixed-Dimensional MXene-Based Composite Electrodes Enable Mechanically Stable and Efficient Flexible Perovskite Light-Emitting Diodes. <i>Nano Letters</i> , 2022, 22, 4246-4252.	9.1	24
20	NIR-Activated Aggregated Pt(II)-Porphyrin-Based Phosphorescent Probe for Tumor Hypoxia Imaging. <i>Advanced Healthcare Materials</i> , 2022, 11, e2200467.	7.6	19
21	Long-lived excited states of platinum(II)-porphyrins for highly efficient photocatalytic hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2022, 10, 13402-13409.	10.3	12
22	Silver-catalyzed regioselective 1,6-hydroarylation of <i>para</i> -quinone methides with anilines and phenols. <i>Organic Chemistry Frontiers</i> , 2022, 9, 3807-3817.	4.5	7
23	Synthesis, characterization and thermoelectric properties of new non-conjugated nitroxide radical-containing metallopolymer. <i>Polymer</i> , 2022, 253, 125000.	3.8	3
24	Carbon Dots in Hydroxy Fluorides: Achieving Multicolor Long-Wavelength Room-Temperature Phosphorescence and Excellent Stability via Crystal Confinement. <i>Nano Letters</i> , 2022, 22, 5127-5136.	9.1	46
25	High Performance NIR OLEDs with Emission Peak Beyond 760 nm and Maximum EQE of 6.39%. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	19
26	Enhanced intra/intermolecular charge transfer for efficient multilevel resistive memory. <i>Applied Surface Science</i> , 2022, 599, 153877.	6.1	7
27	Acid-Catalyzed Regioselective Synthesis of \pm -Diarylmethyl Substituted Phenols and <i>para</i> -Quinone Methides in Water. <i>Asian Journal of Organic Chemistry</i> , 2022, 11, .	2.7	4
28	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.	11.7	36
29	Synthesis of Mixed Arylalkyl Tertiary Phosphines via the Grignard Approach. <i>Molecules</i> , 2022, 27, 4253.	3.8	0
30	High-Performance Inverted Tandem OLEDs with the Charge Generation Layer based on MoO _x and Ag Doped Planar Heterojunction. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	8
31	Mononuclear Cu(I) halide complexes with two thiophenyl rings triphosphine: Structure and photophysical properties. <i>Journal of Luminescence</i> , 2022, 250, 119098.	3.1	3
32	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.	12.7	5
33	De novo design of polymers embedded with platinum acetylides towards n-type organic thermoelectrics. <i>Chemical Engineering Journal</i> , 2021, 405, 126692.	12.7	14
34	High-performance near-infrared (NIR) polymer light-emitting diodes (PLEDs) based on bipolar Ir(III)-complex-grafted polymers. <i>Journal of Materials Chemistry C</i> , 2021, 9, 173-180.	5.5	14
35	Conjugated polyelectrolyte doped perovskite films with enhanced photovoltaic performance and stability. <i>Chemical Engineering Journal</i> , 2021, 417, 128068.	12.7	8
36	A color-tunable single molecule white light emitter with high luminescence efficiency and ultra-long room temperature phosphorescence. <i>Journal of Materials Chemistry C</i> , 2021, 9, 727-735.	5.5	33

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37	Nickel- and Palladium-Catalyzed Cross-Coupling Reactions of Organostibines with Organoboronic Acids. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3104-3114.	13.8	14
38	Recent Progress in the Selective Functionalization of P(O)-OH Bonds. <i>Topics in Current Chemistry</i> , 2021, 379, 5.	5.8	1
39	A new near-infrared phosphorescent iridium(III) complex conjugated to a xanthene dye for mitochondria-targeted photodynamic therapy. <i>Biomaterials Science</i> , 2021, 9, 4843-4853.	5.4	31
40	Synthesis, characterization, and optoelectronic properties of phenothiazine-based organic co-polyynes. <i>New Journal of Chemistry</i> , 2021, 45, 15082-15095.	2.8	3
41	One-step solid-state pyrolysis of bio-wastes to synthesize multi-hierarchical porous carbon for ultra-long life supercapacitors. <i>Materials Chemistry Frontiers</i> , 2021, 5, 2320-2327.	5.9	22
42	Water-passivated ZnMgO nanoparticles for blue quantum dot light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2021, 9, 10381-10387.	5.5	13
43	C1-Symmetric [Ir(C ^N 1)(C ^N 2)(N ^O)]-tris-heteroleptic Ir(III)-complexes with a horizontal orientation for efficient near-infrared (NIR) polymer light-emitting diodes (PLEDs). <i>Journal of Materials Chemistry C</i> , 2021, 9, 8337-8344.	5.5	7
44	A MoSe ₂ quantum dot modified hole extraction layer enables binary organic solar cells with improved efficiency and stability. <i>Journal of Materials Chemistry A</i> , 2021, 9, 16500-16509.	10.3	16
45	Highly ordered smectic structures of disc-rod luminescent liquid crystals: the role of the tolane group. <i>Journal of Materials Chemistry C</i> , 2021, 9, 3555-3561.	5.5	3
46	New phosphorescent iridium(III) dipyrinato complexes: synthesis, emission properties and their deep red to near-infrared OLEDs. <i>Dalton Transactions</i> , 2021, 50, 10629-10639.	3.3	12
47	Geometrically isomeric [Ir(iqbt)(ppy)(hpa)] complexes with differential molecule orientations for efficient near-infrared (NIR) polymer light-emitting diodes (PLEDs). <i>Journal of Materials Chemistry C</i> , 2021, 9, 12068-12072.	5.5	3
48	A recent overview of porphyrin-based π -extended small molecules as donors and acceptors for high-performance organic solar cells. <i>Materials Chemistry Frontiers</i> , 2021, 5, 7119-7133.	5.9	29
49	High-quality WS ₂ film as a hole transport layer in high-efficiency non-fullerene organic solar cells. <i>Nanoscale</i> , 2021, 13, 16589-16597.	5.6	15
50	Study of Electronic and Steric Effects of Different Substituents in Donor-Acceptor Molecules on Multilevel Organic Memory Data Storage Performance. <i>Advanced Electronic Materials</i> , 2021, 7, 2001097.	5.1	14
51	Largely Color-Tuning Prompt and Delayed Fluorescence: Dinuclear Cu(I) Halide Complexes with <i>tert</i> -Amines and Phosphines. <i>Inorganic Chemistry</i> , 2021, 60, 4841-4851.	4.0	22
52	All-Solution-Processed Multilayered White Polymer Light-Emitting Diodes (WPLEDs) Based on Cross-Linked [Ir(4-vb-PBI) ₂ (acac)]. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 11096-11107.	8.0	4
53	Cocatalyst-free Photocatalytic Hydrogen Evolution with Simple Heteroleptic Iridium(III) Complexes. <i>ACS Applied Energy Materials</i> , 2021, 4, 3945-3951.	5.1	20
54	Metallated Graphynes as a New Class of Photofunctional 2D Organometallic Nanosheets. <i>Angewandte Chemie</i> , 2021, 133, 11427-11435.	2.0	3

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55	Metallated Graphynes as a New Class of Photofunctional 2D Organometallic Nanosheets. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11326-11334.	13.8	34
56	Synthesis of Bis-Terpyridine-Based Metallopolymers and the Thermoelectric Properties of Their Single Walled Carbon Nanotube Composites. <i>Molecules</i> , 2021, 26, 2560.	3.8	3
57	Phosphorescent Soft Salt Based on Platinum(II) Complexes: Photophysics, Self-Assembly, Thermochromism, and Anti-counterfeiting Application. <i>Inorganic Chemistry</i> , 2021, 60, 7510-7518.	4.0	23
58	C ₁ -Symmetric [Ir(C ^N 1)(C ^N 2)(O ^O)]-Tris-Heteroleptic Iridium(III)-Complexes with the Preferentially Horizontal Orientation for High-Performance Near-Infrared Organic Light-Emitting Diodes. <i>Advanced Optical Materials</i> , 2021, 9, 2100117.	7.3	11
59	A tris- β^2 -diketonate europium(III) complex based OLED fabricated by thermal evaporation method displaying efficient bright red emission. <i>Organic Electronics</i> , 2021, 96, 106216.	2.6	51
60	Correction to Cocatalyst-free Photocatalytic Hydrogen Evolution with Simple Heteroleptic Iridium(III) Complexes. <i>ACS Applied Energy Materials</i> , 2021, 4, 6374-6374.	5.1	0
61	Investigation of the Effects of Magnetic Additive Cobalt/Carboxyl functionalized Multi-walled Carbon Nanotubes for Enhancing the Machinability of Polycarbonate Composites under Magnetic Field. <i>Journal of Physics: Conference Series</i> , 2021, 1919, 012003.	0.4	0
62	Supercapacitor electrodes based on metal-organic compounds from the first transition metal series. <i>EcoMat</i> , 2021, 3, e12106.	11.9	38
63	Effect of the Linking Group on the Thermoelectric Properties of Poly(Schiff Base)s and Their Metallopolymers. <i>Chemistry - an Asian Journal</i> , 2021, 16, 1911-1917.	3.3	3
64	Functional Materials Based on Cyclometalated Platinum(II) β^2 -Diketonate Complexes: A Review of Structure-Property Relationships and Applications. <i>Materials</i> , 2021, 14, 4236.	2.9	17
65	Fluorescence Imaging and Photodynamic Inactivation of Bacteria Based on Cationic Cyclometalated Iridium(III) Complexes with Aggregation-Induced Emission Properties. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100706.	7.6	25
66	An Efficient Hole Transporting Polymer for Quantum Dot Light-Emitting Diodes. <i>Advanced Materials Interfaces</i> , 2021, 8, 2100731.	3.7	16
67	Iridium(III) complexes with 1-phenylisoquinoline-4-carbonitrile units for efficient NIR organic light-emitting diodes. <i>IScience</i> , 2021, 24, 102911.	4.1	14
68	Direct observation of excited state conversion in solid state from a TICT-Type mechanochromic luminogen. <i>Journal of Luminescence</i> , 2021, 237, 118179.	3.1	9
69	Near-Infrared-Excited Multicolor Afterglow in Carbon Dots-Based Room-Temperature Afterglow Materials. <i>Angewandte Chemie</i> , 2021, 133, 22427-22433.	2.0	8
70	Vacuum-Sublimable Ionic Yellow Phosphorescent Iridium(III) Complexes with Broad Emission for White Electroluminescence. <i>Advanced Photonics Research</i> , 2021, 2, 2100115.	3.6	6
71	Near-Infrared-Excited Multicolor Afterglow in Carbon Dots-Based Room-Temperature Afterglow Materials. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22253-22259.	13.8	73
72	Chlorinated yellow phosphorescent cyclometalated neutral iridophosphors featuring broad emission bandwidths for white electroluminescence. <i>Materials Today Energy</i> , 2021, 21, 100773.	4.7	15

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73	Robust organic functional materials by thermally doping with metal oxide. Optical Materials Express, 2021, 11, 3455.	3.0	4
74	Self-assembled flexible metallo-supramolecular film based on Fe(II) ion and triphenylamine-substituted alkyl terpyridine towards electrochromic application. Dyes and Pigments, 2021, 194, 109623.	3.7	12
75	Blue OLEDs with narrow bandwidth using CF ₃ substituted bis((carbazol-9-yl)phenyl)amines as emitters: Structural regulation of linker between donor and acceptor in chromophores. Dyes and Pigments, 2021, 194, 109627.	3.7	5
76	Bi ³⁺ occupancy rearrangement in K ₂ -xAlMgGeO ₄ phosphor to achieve ultra-broad-band white emission based on alkali metal substitution engineering. Applied Surface Science, 2021, 563, 150252.	6.1	24
77	Thermally stable inverted organic light-emitting diodes using Ag-doped 4,7-diphenyl-1,10-phenanthroline as an electron injection layer. Organic Electronics, 2021, 99, 106307.	2.6	3
78	Solar-Driven Hydrogen Generation Catalyzed by N ₃ with Poly(platinyne)s as Efficient Electron Donor at Low Platinum Content. Advanced Science, 2021, 8, 2002465.	11.2	20
79	Metal-Free, Acid/Phosphine-Induced Regioselective Thiolation of <i>p</i> -Quinone Methides with Sodium Aryl/Alkyl Sulfinates. Journal of Organic Chemistry, 2021, 86, 1516-1527.	3.2	26
80	Coupling of a new porphyrin photosensitizer and cobaloxime cocatalyst for highly efficient photocatalytic H ₂ evolution. Journal of Materials Chemistry A, 2021, 9, 20645-20652.	10.3	20
81	Recent progress of electronic materials based on 2,1,3-benzothiadiazole and its derivatives: synthesis and their application in organic light-emitting diodes. Science China Chemistry, 2021, 64, 341-357.	8.2	44
82	Ternary polymer solar cells with iridium-based polymer PM6Ir1 as a donor and N ₃ :ITIC-Th as an acceptor exhibiting over 17.2% efficiency. Sustainable Energy and Fuels, 2021, 5, 5825-5832.	4.9	12
83	A new cobalt(^{II}) complex nanosheet as an electroactive medium for plasmonic switching on Au nanoparticles. Dalton Transactions, 2021, 50, 15900-15905.	3.3	1
84	Reversible On-Off Switching of Excitation-Wavelength-Dependent Emission of a Phosphorescent Soft Salt Based on Platinum(II) Complexes. Journal of the American Chemical Society, 2021, 143, 18317-18324.	13.7	59
85	Accelerating charge transfer via nonconjugated polyelectrolyte interlayers toward efficient versatile photoredox catalysis. Communications Chemistry, 2021, 4, .	4.5	5
86	Silver-Catalyzed Regioselective Phosphorylation of <i>para</i> -Quinone Methides with P(III)-Nucleophiles. Journal of Organic Chemistry, 2021, 86, 14983-15003.	3.2	16
87	Organic soluble linear metallo-supramolecular polymer based on iron(II) and terpyridyl ligand with high electrochromic performance. Synthetic Metals, 2021, 282, 116953.	3.9	7
88	Controlling emitting dipole orientations by N ^O -ancillary electronic effects of [Ir(C ^N) ₂ (N ^O)]-heteroleptic Ir(^{III})-complexes towards efficient near-infrared (NIR) polymer light-emitting diodes (PLEDs). Journal of Materials Chemistry C, 2021, 9, 16751-16761.	5.5	2
89	Investigation of photoelectric performance of laser diode by regulation of p-waveguide layer thickness. Optik, 2020, 200, 163458.	2.9	0
90	Tetrafluorinated phenylpyridine based heteroleptic iridium(^{III}) complexes for efficient sky blue phosphorescent organic light-emitting diodes. Journal of Materials Chemistry C, 2020, 8, 2551-2557.	5.5	13

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91	Efficient Polymer Solar Cells Based on New Random Copolymers with Porphyrin Incorporated Side Chains. <i>Macromolecular Chemistry and Physics</i> , 2020, 221, 1900446.	2.2	2
92	Recent advances in soft functional materials: preparation, functions and applications. <i>Nanoscale</i> , 2020, 12, 1281-1306.	5.6	56
93	Iridium motif linked porphyrins for efficient light-driven hydrogen evolution via triplet state stabilization of porphyrin. <i>Journal of Materials Chemistry A</i> , 2020, 8, 3005-3010.	10.3	26
94	Efficient TADF-OLEDs with ultra-soluble Copper(I) halide complexes containing non-symmetrically substituted bidentate phosphine and PPh ₃ ligands. <i>Journal of Luminescence</i> , 2020, 220, 116963.	3.1	28
95	Interface engineering with a novel n-type small organic molecule for efficient inverted perovskite solar cells. <i>Chemical Engineering Journal</i> , 2020, 392, 123677.	12.7	31
96	Synthesis and Characterization of a Large-Sized π -Conjugated Copper(II) Complex Nanosheet. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 254-258.	3.7	9
97	Donor-Acceptor Metallopolymers Containing Ferrocene for Brain Inspired Memristive Devices. <i>Advanced Electronic Materials</i> , 2020, 6, 2000841.	5.1	11
98	A combination of an organic alloy and a heterojunction towards a rod-tail helix architecture with dual-color-emitting properties. <i>Nanoscale</i> , 2020, 12, 16414-16419.	5.6	2
99	Modulating Magnetism in Ferroelectric Polymer-Gated Perovskite Manganite Films with Moderate Gate Pulse Chains. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 56541-56548.	8.0	4
100	Influence of Alkyl Substitution Position on Wide-Bandgap Polymers in High-Efficiency Nonfullerene Polymer Solar Cells. <i>Macromolecular Rapid Communications</i> , 2020, 41, e2000170.	3.9	5
101	The Next 100 Years of Polymer Science. <i>Macromolecular Chemistry and Physics</i> , 2020, 221, 2000216.	2.2	69
102	A novel perylene diimide-based zwitterion as the cathode interlayer for high-performance perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2020, 8, 18117-18124.	10.3	31
103	Phosphorescent Manganese(II) Complexes and Their Emerging Applications. <i>Advanced Optical Materials</i> , 2020, 8, 2000985.	7.3	84
104	Efficient Naphthalene Imide-Based Interface Engineering Materials for Enhancing Perovskite Photovoltaic Performance and Stability. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 42348-42356.	8.0	16
105	Soft salts based on platinum(Pt^{II}) complexes with high emission quantum efficiencies in the near infrared region for <i>in vivo</i> imaging. <i>Chemical Communications</i> , 2020, 56, 11681-11684.	4.1	15
106	Nanoimprint Lithography-Directed Self-Assembly of Bimetallic Iron-M (M=Palladium, Platinum) Complexes for Magnetic Patterning. <i>Angewandte Chemie</i> , 2020, 132, 11618-11623.	2.0	0
107	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.	7.3	26
108	Monochromatic red electroluminescence from a homodinuclear europium(Eu^{III}) complex of a β -diketone tethered by 2,2'-bipyrimidine. <i>Journal of Materials Chemistry C</i> , 2020, 8, 9816-9827.	5.5	29

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109	A linear conjugated tetramer as a surface-modification layer to increase perovskite solar cell performance and stability. <i>Journal of Materials Chemistry A</i> , 2020, 8, 11728-11733.	10.3	21
110	Growing Poly(norepinephrine) Layer over Individual Nanoparticles To Boost Hybrid Perovskite Photocatalysts. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 27578-27586.	8.0	21
111	Emerging Organic Thermoelectric Applications from Conducting Metallopolymers. <i>Macromolecular Chemistry and Physics</i> , 2020, 221, 2000115.	2.2	12
112	Self-Assembled Naphthalimide-Substituted Porphyrin Nanowires for Photocatalytic Hydrogen Evolution. <i>ACS Applied Nano Materials</i> , 2020, 3, 7040-7046.	5.0	27
113	A Tetrakis(terpyridine) Ligand-Based Cobalt(II) Complex Nanosheet as a Stable Dual-Ion Battery Cathode Material. <i>Small</i> , 2020, 16, e1905204.	10.0	30
114	Recent advances of iridium(III) metallophosphors for health-related applications. <i>Coordination Chemistry Reviews</i> , 2020, 413, 213267.	18.8	92
115	Metal-Free, <i>N</i> -Iodosuccinimide-Induced Regioselective Iodophosphoryloxylation of Alkenes with P(O)OH Bonds. <i>Chemistry - A European Journal</i> , 2020, 26, 9556-9560.	3.3	7
116	From a blue to white to yellow emitter: a hexanuclear copper iodide nanocluster. <i>Dalton Transactions</i> , 2020, 49, 5859-5868.	3.3	30
117	Epitaxial Growth of Nanorod Meshes from Luminescent Organic Cocrystals via Crystal Transformation. <i>Journal of the American Chemical Society</i> , 2020, 142, 7265-7269.	13.7	30
118	Nanoimprint Lithography-Directed Self-Assembly of Bimetallic Iron-M (M=Palladium, Platinum) Complexes for Magnetic Patterning. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 11521-11526.	13.8	24
119	Efficient white polymer light-emitting diodes (WPLEDs) based on covalent-grafting of [Zn ₂ (MP) ₃ (OAc)] into PVK. <i>Chemical Science</i> , 2020, 11, 2640-2646.	7.4	5
120	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.	4.0	84
121	Pyrophosphate Phosphor Solid Solution with High Quantum Efficiency and Thermal Stability for Efficient LED Lighting. <i>IScience</i> , 2020, 23, 100892.	4.1	27
122	Towards high-power-efficiency solution-processed OLEDs: Material and device perspectives. <i>Materials Science and Engineering Reports</i> , 2020, 140, 100547.	31.8	180
123	Supramolecular core-shell heterostructures with controllable multi-color-emitting properties. <i>Journal of Materials Chemistry C</i> , 2020, 8, 2669-2675.	5.5	15
124	Highly photostable ketopyrrolyl-BODIPYs with red aggregation-induced emission characteristics for ultrafast wash-free mitochondria-targeted bioimaging. <i>Dyes and Pigments</i> , 2020, 176, 108209.	3.7	19
125	Achieving efficient green-solvent-processed organic solar cells by employing ortho-ortho perylene diimide dimer. <i>Organic Electronics</i> , 2020, 83, 105732.	2.6	7
126	One-dimensional mesoporous inorganic nanostructures and their applications in energy, sensor, catalysis and adsorption. <i>Progress in Materials Science</i> , 2020, 113, 100671.	32.8	64

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127	A Family of BODIPY-like Highly Fluorescent and Unsymmetrical Bis(BF ₂) Pyrrolyl-“Acylhydrazone Chromophores: BOAPY. <i>Organic Letters</i> , 2020, 22, 4588-4592.	4.6	38
128	High-efficiency organic electroluminescent materials based on the D-A-D type with sterically hindered methyl groups. <i>Journal of Materials Chemistry C</i> , 2020, 8, 6851-6860.	5.5	15
129	Bright and efficient red emitting electroluminescent devices fabricated from ternary europium complexes. <i>Journal of Materials Chemistry C</i> , 2020, 8, 5600-5612.	5.5	28
130	Red shift properties, crystal field theory and nephelauxetic effect on Mn ⁴⁺ -doped SrMgAl _{10-y} Ga _y O ₁₇ red phosphor for plant growth LED light. <i>Chemical Engineering Journal</i> , 2020, 396, 125208.	12.7	124
131	Ferrocene-based hyperbranched polymers: a synthetic strategy for shape control and applications as electroactive materials and precursor-derived magnetic ceramics. <i>Journal of Materials Chemistry C</i> , 2020, 8, 10774-10780.	5.5	28
132	Naphthalene imide dimer as interface engineering material: An efficient strategy for achieving high-performance perovskite solar cells. <i>Chemical Engineering Journal</i> , 2020, 395, 125062.	12.7	27
133	Single-Molecular White-Light Emitters and Their Potential WOLED Applications. <i>Advanced Materials</i> , 2020, 32, e1903269.	21.0	185
134	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.	7.4	101
135	Phosphorescent Soft Salt Complexes for Optoelectronic Applications. <i>Acta Chimica Sinica</i> , 2020, 78, 23.	1.4	8
136	Hydrophilic Fluorescent Probes for Fe ³⁺ Ions Based on Nanoparticles of Twisting D-Ā-A Type Compound Derived from Benzylidenemalononitrile. <i>Chinese Journal of Organic Chemistry</i> , 2020, 40, 1588.	1.3	0
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#	ARTICLE	IF	CITATIONS
793	Some remarkable reactions of the alkylidyne cluster $[\text{Os}_3(\mu\text{-H})_2(\text{CO})_9(\mu_3\text{-CNC}_5\text{H}_4\text{C}_5\text{H}_4\text{N})](\text{NC}_5\text{H}_4\text{C}_5\text{H}_4\text{N})$ Tj ETQq1 1 0.784314	1.1	4
794	dicationic cluster complex $[\text{Os}_3(\mu\text{-H})_3(\text{CO})_9(\mu_3\text{-CNC}_5\text{H}_4\text{C}_5\text{H}_4\text{NH})][\text{BF}_4] \cdot 2\text{H}_2\text{O}$. Journal of the Chemical Society Dalton Transactions, 1995, , 3995-3999.		
795	Synthesis of novel triosmium alkylidene carbonyl clusters. Crystal structures of $[\text{Os}_3(\mu_4\text{-H})_2(\text{CO})_9(\mu_3\text{-CNC}_5\text{H}_4\text{-CH}=\text{CH}_2)]$ and $[\text{Os}_3(\mu_4\text{-H})(\text{CO})_9(\mu_4\text{-C(H) NC}_5\text{H}_4\text{-CH}=\text{CH}_2)]$. Journal of Organometallic Chemistry, 1994, 474, C30-C33.	1.1	19
795	New Electron Acceptor with End-Extended Conjugation for High-Performance Polymer Solar Cells. Energy & Fuels, 0, , .	5.1	5