List of Publications by Year in descending order

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		3334	6131
795	38,847	91	159
papers	citations	h-index	g-index
834	834	834	23793
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	Simultaneous Enhancement of Open ircuit Voltage, Shortâ€Circuit Current Density, and Fill Factor in Polymer Solar Cells. Advanced Materials, 2011, 23, 4636-4643.	21.0	2,000
2	Functionalization of phosphorescent emitters and their host materials by main-group elements for phosphorescent organic light-emitting devices. Chemical Society Reviews, 2015, 44, 8484-8575.	38.1	752
3	Heavy metal organometallic electrophosphors derived from multi-component chromophores. Coordination Chemistry Reviews, 2009, 253, 1709-1758.	18.8	591
4	Metallated conjugated polymers as a new avenue towards high-efficiency polymer solar cells. Nature Materials, 2007, 6, 521-527.	27.5	555
5	Functional metallophosphors for effective charge carrier injection/transport: new robust OLED materials with emerging applications. Journal of Materials Chemistry, 2009, 19, 4457.	6.7	501
6	Improvement of open-circuit voltage and photovoltaic properties of 2D-conjugated polymers by alkylthio substitution. Energy and Environmental Science, 2014, 7, 2276-2284.	30.8	493
7	Manipulating Chargeâ€Transfer Character with Electronâ€Withdrawing Mainâ€Group Moieties for the Color Tuning of Iridium Electrophosphors. Advanced Functional Materials, 2008, 18, 499-511.	14.9	487
8	White Polymer Lightâ€Emitting Devices for Solidâ€State Lighting: Materials, Devices, and Recent Progress. Advanced Materials, 2014, 26, 2459-2473.	21.0	464
9	Organometallic Photovoltaics: A New and Versatile Approach for Harvesting Solar Energy Using Conjugated Polymetallaynes. Accounts of Chemical Research, 2010, 43, 1246-1256.	15.6	424
10	New Design Tactics in OLEDs Using Functionalized 2â€Phenylpyridineâ€Type Cyclometalates of Iridium(III) and Platinum(II). Chemistry - an Asian Journal, 2011, 6, 1706-1727.	3.3	353
11	Highâ€Efficiency Single Emissive Layer White Organic Lightâ€Emitting Diodes Based on Solutionâ€Processed Dendritic Host and New Orangeâ€Emitting Iridium Complex. Advanced Materials, 2012, 24, 1873-1877.	21.0	345
12	Triphenylamine-Dendronized Pure Red Iridium Phosphors with Superior OLED Efficiency/Color Purity Trade-Offs. Angewandte Chemie - International Edition, 2007, 46, 1149-1151.	13.8	343
13	Efficient Polymer Whiteâ€Lightâ€Emitting Devices for Solidâ€State Lighting. Advanced Materials, 2009, 21, 4181-4184.	21.0	319
14	Organometallic acetylides of PtII, Aul and HgII as new generation optical power limiting materials. Chemical Society Reviews, 2011, 40, 2541.	38.1	317
15	Recent progress and current challenges in phosphorescent white organic light-emitting diodes (WOLEDs). Journal of Photochemistry and Photobiology C: Photochemistry Reviews, 2010, 11, 133-156.	11.6	299
16	Di-, oligo- and polymetallaynes: Syntheses, photophysics, structures and applications. Coordination Chemistry Reviews, 2006, 250, 2627-2690.	18.8	290
17	A photofunctional bottom-up bis(dipyrrinato)zinc(II) complex nanosheet. Nature Communications, 2015, 6, 6713.	12.8	290
18	Energy materials based on metal Schiff base complexes. Coordination Chemistry Reviews, 2018, 355, 180-198.	18.8	260

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19	A Multifunctional Iridiumâ€Carbazolyl Orange Phosphor for Highâ€Performance Twoâ€Element WOLED Exploiting Excitonâ€Managed Fluorescence/Phosphorescence. Advanced Functional Materials, 2008, 18, 928-937.	14.9	252
20	Significant Improvement of Dye-Sensitized Solar Cell Performance Using Simple Phenothiazine-Based Dyes. Chemistry of Materials, 2013, 25, 2146-2153.	6.7	250
21	Red to near-infrared organometallic phosphorescent dyes for OLED applications. Journal of Organometallic Chemistry, 2014, 751, 261-285.	1.8	248
22	Recent design tactics for high performance white polymer light-emitting diodes. Journal of Materials Chemistry C, 2014, 2, 1760.	5.5	247
23	Evolution of lowest singlet and triplet excited states with number of thienyl rings in platinum poly-ynes. Journal of Chemical Physics, 1999, 110, 4963-4970.	3.0	246
24	Tuning the Absorption, Charge Transport Properties, and Solar Cell Efficiency with the Number of Thienyl Rings in Platinum-Containing Poly(aryleneethynylene)s. Journal of the American Chemical Society, 2007, 129, 14372-14380.	13.7	243
25	A Near-Infrared-Fluorescent Chemodosimeter for Mercuric Ion Based on an Expanded Porphyrin. Angewandte Chemie - International Edition, 2006, 45, 3150-3154.	13.8	241
26	Redâ€Lightâ€Emitting Iridium Complexes with Holeâ€Transporting 9â€Arylcarbazole Moieties for Electrophosphorescence Efficiency/Color Purity Tradeâ€off Optimization. Advanced Functional Materials, 2008, 18, 319-331.	14.9	225
27	Metal-containing polymers: Facile tuning of photophysical traits and emerging applications in organic electronics and photonics. Coordination Chemistry Reviews, 2011, 255, 2469-2502.	18.8	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. Chemistry - A European Journal, 2006, 12, 2758-2771.	3.3	218
29	Regioregular Pyridal[2,1,3]thiadiazole π-Conjugated Copolymers. Journal of the American Chemical Society, 2011, 133, 18538-18541.	13.7	213
30	A Heterobimetallic Ruthenium(II)â^'Copper(II) Donorâ^'Acceptor Complex as a Chemodosimetric Ensemble for Selective Cyanide Detection. Inorganic Chemistry, 2004, 43, 8387-8393.	4.0	211
31	Phosphorescent Platinum(II) Complexes Derived from Multifunctional Chromophores:Â Synthesis, Structures, Photophysics, and Electroluminescence. Inorganic Chemistry, 2006, 45, 10922-10937.	4.0	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. Journal of Materials Chemistry, 2010, 20, 7472.	6.7	210
33	Luminescent organometallic poly(aryleneethynylene)s: functional properties towards implications in molecular optoelectronics. Dalton Transactions, 2007, , 4495.	3.3	205
34	Simultaneous Optimization of Chargeâ€Carrier Balance and Luminous Efficacy in Highly Efficient White Polymer Lightâ€Emitting Devices. Advanced Materials, 2011, 23, 2976-2980.	21.0	204
35	Multifunctional Iridium Complexes Based on Carbazole Modules as Highly Efficient Electrophosphors. Angewandte Chemie - International Edition, 2006, 45, 7800-7803.	13.8	200
36	The Synthesis and One―and Twoâ€Photon Optical Properties of Dipolar, Quadrupolar and Octupolar Donor–Acceptor Molecules Containing Dimesitylboryl Groups. Chemistry - A European Journal, 2009, 15, 198-208.	3.3	196

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37	A Multifunctional Platinum-Based Triplet Emitter for OLED Applications#. Organometallics, 2005, 24, 4079-4082.	2.3	186
38	Singleâ€Molecular Whiteâ€Light Emitters and Their Potential WOLED Applications. Advanced Materials, 2020, 32, e1903269.	21.0	185
39	Highly selective red- and green-emitting two-photon fluorescent probes for cysteine detection and their bio-imaging in living cells. Chemical Communications, 2012, 48, 3442.	4.1	184
40	Small-molecular blue phosphorescent dyes for organic light-emitting devices. New Journal of Chemistry, 2013, 37, 1665.	2.8	184
41	Amorphous Diphenylaminofluorene-Functionalized Iridium Complexes for High-Efficiency Electrophosphorescent Light-Emitting Diodes. Advanced Functional Materials, 2006, 16, 838-846.	14.9	181
42	Recent Progress on the Photonic Properties of Conjugated Organometallic Polymers Built Upon the <i>trans</i> ê€Bis(<i>para</i> ê€ethynylbenzene)bis(phosphine)platinum(<scp>II</scp>) Chromophore and Related Derivatives. Macromolecular Rapid Communications, 2010, 31, 671-713.	3.9	181
43	Towards high-power-efficiency solution-processed OLEDs: Material and device perspectives. Materials Science and Engineering Reports, 2020, 140, 100547.	31.8	180
44	Metallated molecular materials of fluorene derivatives and their analogues. Coordination Chemistry Reviews, 2005, 249, 971-997.	18.8	177
45	Multifunctional polymetallaynes: properties, functions and applications. Chemical Society Reviews, 2016, 45, 5264-5295.	38.1	173
46	Charge and energy transfers in functional metallophosphors and metallopolyynes. Coordination Chemistry Reviews, 2013, 257, 1614-1649.	18.8	172
47	Excitation Wavelength Dependent Fluorescence of an ESIPT Triazole Derivative for Amine Sensing and Anti ounterfeiting Applications. Angewandte Chemie - International Edition, 2019, 58, 8773-8778.	13.8	168
48	High-performance polymer solar cells based on a 2D-conjugated polymer with an alkylthio side-chain. Energy and Environmental Science, 2016, 9, 885-891.	30.8	165
49	White Organic Lightâ€Emitting Diodes with Evenly Separated Red, Green, and Blue Colors for Efficiency/Colorâ€Rendition Tradeâ€Off Optimization. Advanced Functional Materials, 2011, 21, 3785-3793.	14.9	162
50	Recent advances in copper complexes for electrical/light energy conversion. Coordination Chemistry Reviews, 2018, 375, 514-557.	18.8	159
51	Solutionâ€Processible Multiâ€component Cyclometalated Iridium Phosphors for Highâ€Efficiency Orangeâ€Emitting OLEDs and Their Potential Use as White Light Sources. Advanced Functional Materials, 2007, 17, 2925-2936.	14.9	156
52	Heterobimetallic Zn(II)â^'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 Nd3+ Luminescence. Inorganic Chemistry, 2006, 45, 9315-9325.	4.0	155
53	Efficient Organic Light-Emitting Diodes based on Sublimable Charged Iridium Phosphorescent Emitters. Advanced Functional Materials, 2007, 17, 315-323.	14.9	154
54	Synthesis and near-infrared luminescence of 3d-4f bi-metallic Schiff base complexes. New Journal of Chemistry, 2002, 26, 275-278.	2.8	153

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55	Metallopolyyne Polymers as New Functional Materials for Photovoltaic and Solar Cell Applications. Macromolecular Chemistry and Physics, 2008, 209, 14-24.	2.2	146
56	Nearâ€Infrared Emitting Materials via Harvesting Triplet Excitons: Molecular Design, Properties, and Application in Organic Light Emitting Diodes. Advanced Optical Materials, 2018, 6, 1800466.	7.3	139
57	Optical Power Limiters Based on Colorless Di-, Oligo-, and Polymetallaynes: Highly Transparent Materials for Eye Protection Devices. Advanced Functional Materials, 2007, 17, 963-975.	14.9	138
58	High-Efficiency White Organic Light-Emitting Devices Based on a Highly Amorphous Iridium(III) Orange Phosphor. Chemistry of Materials, 2006, 18, 5097-5103.	6.7	137
59	Duplicating "sunlight―from simple WOLEDs for lighting applications. Chemical Communications, 2009, , 3574.	4.1	135
60	A Polyferroplatinyne Precursor for the Rapid Fabrication of L1 ₀ â€FePtâ€ŧype Bit Patterned Media by Nanoimprint Lithography. Advanced Materials, 2012, 24, 1034-1040.	21.0	134
61	Symmetric Versus Unsymmetric Platinum(II) Bis(aryleneethynylene)s with Distinct Electronic Structures for Optical Power Limiting/Optical Transparency Tradeâ€off Optimization. Advanced Functional Materials, 2009, 19, 531-544.	14.9	133
62	Phosphorescence Color Tuning by Ligand, and Substituent Effects of Multifunctional Iridium(III) Cyclometalates with 9â€Arylcarbazole Moieties. Chemistry - an Asian Journal, 2009, 4, 89-103.	3.3	129
63	A Trinuclear Heterobimetallic Ru(II)/Pt(II) Complex as a Chemodosimeter Selective for Sulfhydryl-Containing Amino Acids and Peptides. Journal of the American Chemical Society, 2003, 125, 7802-7803.	13.7	127
64	Effect of Oligothienyl Chain Length on Tuning the Solar Cell Performance in Fluoreneâ€Based Polyplatinynes. Advanced Functional Materials, 2008, 18, 2824-2833.	14.9	127
65	From Mononuclear to Dinuclear Iridium(III) Complex: Effective Tuning of the Optoelectronic Characteristics for Organic Light-Emitting Diodes. Inorganic Chemistry, 2016, 55, 1720-1727.	4.0	127
66	White Metallopolyynes for Optical Limiting/Transparency Trade-off Optimization. Angewandte Chemie - International Edition, 2006, 45, 6189-6193.	13.8	126
67	Synthesis and Photovoltaic Properties of New Metalloporphyrin-Containing Polyplatinyne Polymers. Macromolecules, 2011, 44, 5155-5167.	4.8	125
68	Red shift properties, crystal field theory and nephelauxetic effect on Mn4+-doped SrMgAl10-yGayO17 red phosphor for plant growth LED light. Chemical Engineering Journal, 2020, 396, 125208.	12.7	124
69	Synthesis and Electronic Properties of New Photoluminescent Platinum-Containing Polyynes with 9,9-Dihexylfluorene and 9-Butylcarbazole Units. Macromolecules, 2002, 35, 3506-3513.	4.8	123
70	BRAF and NRAS mutations are uncommon in melanomas arising in diverse internal organs. Journal of Clinical Pathology, 2005, 58, 640-644.	2.0	123
71	Recent Advances in Luminescent Transition Metal Polyyne Polymers. Journal of Inorganic and Organometallic Polymers and Materials, 2005, 15, 197-219.	3.7	122
72	Synthesis, structure, reactivity and photoluminescence of lanthanide(III) monoporphyrinate complexes. Coordination Chemistry Reviews, 2007, 251, 2386-2399.	18.8	120

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73	High-efficiency and color-stable white organic light-emitting devices based on sky blue electrofluorescence and orange electrophosphorescence. Applied Physics Letters, 2008, 92, .	3.3	119
74	Recent advances in green nanoparticulate systems for drug delivery: efficient delivery and safety concern. Nanomedicine, 2017, 12, 357-385.	3.3	119
75	New Co(OH) ₂ /CdS nanowires for efficient visible light photocatalytic hydrogen production. Journal of Materials Chemistry A, 2016, 4, 5282-5287.	10.3	114
76	Squaraine Dyes for Dye‧ensitized Solar Cells: Recent Advances and Future Challenges. Chemistry - an Asian Journal, 2013, 8, 1706-1719.	3.3	113
77	Synthesis, structures and luminescent properties of new heterobimetallic Zn-4f Schiff base complexes. Inorganica Chimica Acta, 2004, 357, 4510-4521.	2.4	111
78	Carbazole-based coplanar molecule (CmInF) as a universal host for multi-color electrophosphorescent devices. Journal of Materials Chemistry, 2012, 22, 215-224.	6.7	111
79	Cyclometallated tridentate platinum(<scp>ii</scp>) arylacetylide complexes: old wine in new bottles. Chemical Society Reviews, 2019, 48, 5547-5563.	38.1	111
80	Multifunctional metallophosphors with anti-triplet–triplet annihilation properties for solution-processable electroluminescent devices. Journal of Materials Chemistry, 2008, 18, 1799.	6.7	108
81	Binuclear Gold(I) and Mercury(II) Derivatives of Diethynylfluorenes. Organometallics, 2001, 20, 5446-5454.	2.3	107
82	Synthesis and Lithographic Patterning of FePt Nanoparticles Using a Bimetallic Metallopolyyne Precursor. Angewandte Chemie - International Edition, 2008, 47, 1255-1259.	13.8	107
83	Mercury alkynyls as versatile templates for new organometallic materials and polymers. Coordination Chemistry Reviews, 2007, 251, 2400-2427.	18.8	106
84	Recent Advances in Solutionâ€Processable Dendrimers for Highly Efficient Phosphorescent Organic Lightâ€Emitting Diodes (PHOLEDs). Asian Journal of Organic Chemistry, 2015, 4, 394-429.	2.7	105
85	A simple and efficient approach toward deep-red to near-infrared-emitting iridium(<scp>iii</scp>) complexes for organic light-emitting diodes with external quantum efficiencies of over 10%. Chemical Science, 2020, 11, 2342-2349.	7.4	101
86	Robust Tris yclometalated Iridium(III) Phosphors with Ligands for Effective Charge Carrier Injection/Transport: Synthesis, Redox, Photophysical, and Electrophosphorescent Behavior. Chemistry - an Asian Journal, 2008, 3, 1830-1841.	3.3	97
87	Synthesis and characterisation of new acetylide-functionalised oligothiophenes and their dinuclear platinum complexes. Journal of the Chemical Society Dalton Transactions, 1997, , 4283-4288.	1.1	96
88	Large Optical-Limiting Response in Some Solution-Processable Polyplatinaynes. Chemistry of Materials, 2005, 17, 5209-5217.	6.7	96
89	Conformational engineering of co-sensitizers to retard back charge transfer for high-efficiency dye-sensitized solar cells. Journal of Materials Chemistry A, 2013, 1, 11553.	10.3	94
90	Platinum(II)–Bis(aryleneethynylene) Complexes for Solutionâ€Processible Molecular Bulk Heterojunction Solar Cells. Chemistry - A European Journal, 2012, 18, 1502-1511.	3.3	93

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91	Photofunctionality in Porphyrinâ€Hybridized Bis(dipyrrinato)zinc(II) Complex Micro―and Nanosheets. Angewandte Chemie - International Edition, 2017, 56, 3526-3530.	13.8	92
92	Recent advances of iridium(III) metallophosphors for health-related applications. Coordination Chemistry Reviews, 2020, 413, 213267.	18.8	92
93	A "Molecular Pivot-Hinge―Based on the pH-Regulated Intramolecular Switching of Ptâ^'Pt and Ï€â^'Ï€ Interactions. Journal of the American Chemical Society, 2006, 128, 16434-16435.	13.7	91
94	Synthesis of new bis(acetylide)-substituted fluorene derivatives and their bimetallic and polymeric complexes. Journal of Organometallic Chemistry, 1998, 556, 219-228.	1.8	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. Journal of Organometallic Chemistry, 2008, 693, 1518-1527.	1.8	88
96	Molecular Engineering of Simple Phenothiazineâ€Based Dyes To Modulate Dye Aggregation, Charge Recombination, and Dye Regeneration in Highly Efficient Dye‧ensitized Solar Cells. Chemistry - A European Journal, 2014, 20, 6300-6308.	3.3	88
97	Triplet Emission in Soluble Mercury(II) Polyyne Polymers. Angewandte Chemie - International Edition, 2003, 42, 4064-4068.	13.8	87
98	A molecular approach to magnetic metallic nanostructures from metallopolymer precursors. Chemical Society Reviews, 2018, 47, 4934-4953.	38.1	87
99	A simple Schiff base as dual-responsive fluorescent sensor for bioimaging recognition of Zn ²⁺ and Al ³⁺ in living cells. Journal of Materials Chemistry B, 2018, 6, 5435-5442.	5.8	87
100	Tetranuclear NIR luminescent Schiff-base Zn–Nd complexes. New Journal of Chemistry, 2008, 32, 127-131.	2.8	86
101	A Water-Soluble Organometallic Conjugated Polyelectrolyte for the Direct Colorimetric Detection of Silver Ion in Aqueous Media with High Selectivity and Sensitivity. Macromolecules, 2011, 44, 483-489.	4.8	85
102	A strong two-photon induced phosphorescent Golgi-specific in vitro marker based on a heteroleptic iridium complex. Chemical Communications, 2012, 48, 2525.	4.1	85
103	Synthesis, characterisation and properties of platinum(II) acetylide complexes of ferrocenylfluorene: novel soluble donor–acceptor heterometallic materials ‡. Journal of the Chemical Society Dalton Transactions, 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. Journal of Materials Chemistry C, 2016, 4, 5787-5794.	5.5	84
105	Cyclometalated Iridium(III) Carbene Phosphors for Highly Efficient Blue Organic Light-Emitting Diodes. ACS Applied Materials & Interfaces, 2017, 9, 40497-40502.	8.0	84
106	Hyperbranched Phosphorescent Conjugated Polymer Dots with Iridium(III) Complex as the Core for Hypoxia Imaging and Photodynamic Therapy. ACS Applied Materials & Interfaces, 2017, 9, 28319-28330.	8.0	84
107	Phosphorescent Manganese(II) Complexes and Their Emerging Applications. Advanced Optical Materials, 2020, 8, 2000985.	7.3	84
108	The role of reactive oxygen species in the biological activity of antimicrobial agents: An updated mini review. Chemico-Biological Interactions, 2020, 320, 109023.	4.0	84

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109	Synthesis, Redox and Optical Properties of Low-Bandgap Platinum(II) Polyynes with 9-Dicyanomethylene-Substituted Fluorene Acceptors. Macromolecular Rapid Communications, 2001, 22, 461-465.	3.9	82
110	Syntheses, structures, two-photon absorption cross-sections and computed second hyperpolarisabilities of quadrupolar A–l€â€"A systems containing E-dimesitylborylethenyl acceptors. Journal of Materials Chemistry, 2009, 19, 7532.	6.7	81
111	Phosphorescent soft salt for ratiometric and lifetime imaging of intracellular pH variations. Chemical Science, 2016, 7, 3338-3346.	7.4	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. Journal of Materials Chemistry, 2009, 19, 1872.	6.7	80
113	Design and Synthesis of Nearâ€Infrared Emissive Lanthanide Complexes Based on Macrocyclic Ligands. European Journal of Inorganic Chemistry, 2011, 2011, 4651-4674.	2.0	80
114	Synthesis and Spectroscopic Studies of Cyclometalated Pt(II) Complexes Containing a Functionalized Cyclometalating Ligand, 2-Phenyl-6-(1H-pyrazol-3-yl)-pyridine. Inorganic Chemistry, 2007, 46, 3603-3612.	4.0	78
115	Trifunctional IrIII ppy-type asymmetric phosphorescent emitters with ambipolar features for highly efficient electroluminescent devices. Chemical Communications, 2014, 50, 2473.	4.1	78
116	Synthesis and Characterization of Blue-Light-Emitting Alternating Copolymers of 9,9-Dihexylfluorene and 9-Arylcarbazole. Macromolecules, 2005, 38, 4970-4976.	4.8	77
117	A fluorescent probe for intracellular cysteine overcoming the interference by glutathione. Organic and Biomolecular Chemistry, 2014, 12, 6128.	2.8	77
118	Diarylboronâ€Based Asymmetric Redâ€Emitting Ir(III) Complex for Solutionâ€Processed Phosphorescent Organic Lightâ€Emitting Diode with External Quantum Efficiency above 28%. Advanced Science, 2018, 5, 1701067.	11.2	76
119	3D graphene/hydroxypropyl-β-cyclodextrin nanocomposite as an electrochemical chiral sensor for the recognition of tryptophan enantiomers. Journal of Materials Chemistry C, 2018, 6, 12822-12829.	5.5	76
120	Triplet Emission in Platinum-Containing Poly(alkynylsilanes). Macromolecules, 2003, 36, 983-990.	4.8	75
121	Ferrocene-containing poly(fluorenylethynylene)s for nonvolatile resistive memory devices. Journal of Materials Chemistry C, 2016, 4, 921-928.	5.5	75
122	Intrachain Electron and Energy Transfers in Metal Diynes and Polyynes of Group 10â^'11 Transition Elements Containing Various Carbazole and Fluorene Hybrids. Macromolecules, 2009, 42, 6902-6916.	4.8	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. Organic and Biomolecular Chemistry, 2011, 9, 3615.	2.8	74
124	New phenothiazine-based dyes for efficient dye-sensitized solar cells: Positioning effect of a donor group on the cell performance. Journal of Power Sources, 2013, 243, 253-259.	7.8	74
125	Metallopolymers for energy production, storage and conservation. Polymer Chemistry, 2015, 6, 6905-6930.	3.9	74
126	Spatial Extent of the Singlet and Triplet Excitons in Luminescent Angular-Shaped Transition-Metal Diynes and Polyynes Comprising Non-I€-Conjugated Group 16 Main Group Elements. Chemistry - A European Journal, 2006, 12, 2550-2563.	3.3	73

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127	Oneâ€Dimensional Ferromagnetically Coupled Bimetallic Chains Constructed with <i>trans</i> â€{Ru(acac) ₂ (CN) ₂] ^{â[~]} : Syntheses, Structures, Magnetic Properties, and Density Functional Theoretical Study. Chemistry - A European Journal, 2010, 16, 3524-3535.	3.3	73
128	Nearâ€Infraredâ€Excited Multicolor Afterglow in Carbon Dotsâ€Based Roomâ€Temperature Afterglow Materials. Angewandte Chemie - International Edition, 2021, 60, 22253-22259.	13.8	73
129	Synthesis, structure and near-infrared luminescence of neutral 3dââ,¬â€œ4f bi-metallic monoporphyrinate complexes. Dalton Transactions RSC, 2001, , 3092-3098.	2.3	72
130	Bis(alkynyl) Mercury(II) Complexes of Oligothiophenes and Bithiazoles. Organometallics, 2002, 21, 4475-4481.	2.3	72
131	Harvesting of Organic Triplet Emissions in Metal Diynes and Polyynes of Group 10â^'12 Transition Elements Containing the Conjugation-Interrupting Diphenylfluorene Unit. Macromolecules, 2004, 37, 4496-4504.	4.8	72
132	New platinum(II) complexes as triplet emitters for high-efficiency monochromatic pure orange electroluminescent devices. Journal of Organometallic Chemistry, 2007, 692, 3461-3473.	1.8	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. Organic Electronics, 2010, 11, 238-246.	2.6	72
134	Structural engineering of porphyrin-based small molecules as donors for efficient organic solar cells. Chemical Science, 2016, 7, 4301-4307.	7.4	72
135	Synthesis, optical and photoconducting properties of platinum poly-yne polymers functionalized with electron-donating and electron-withdrawing bithiazole units. Macromolecular Rapid Communications, 2000, 21, 453-457.	3.9	71
136	Effects of Alkylthio and Alkoxy Side Chains in Polymer Donor Materials for Organic Solar Cells. Macromolecular Rapid Communications, 2016, 37, 287-302.	3.9	71
137	Versatile phosphorescent color tuning of highly efficient borylated iridium(iii) cyclometalates by manipulating the electron-accepting capacity of the dimesitylboron group. Journal of Materials Chemistry C, 2013, 1, 3317.	5.5	70
138	New phosphorescent platinum(ii) Schiff base complexes for PHOLED applications. Journal of Materials Chemistry, 2012, 22, 16448.	6.7	69
139	The Next 100 Years of Polymer Science. Macromolecular Chemistry and Physics, 2020, 221, 2000216.	2.2	69
140	Supramolecular double helical Cu(i) complexes for asymmetric cyclopropanation. Chemical Communications, 2007, , 5203.	4.1	68
141	Tuning the Donor–Acceptor Strength of Lowâ€Bandgap Platinumâ€Acetylide Polymers for Nearâ€Infrared Photovoltaic Applications. Macromolecular Rapid Communications, 2011, 32, 1472-1477.	3.9	68
142	New low-bandgap polymetallaynes of platinum functionalized with a triphenylamine-benzothiadiazole donor–acceptor unit for solar cell applications. Polymer Chemistry, 2011, 2, 432-440.	3.9	67
143	Highly efficient iridium(<scp>iii</scp>) phosphors with phenoxy-substituted ligands and their high-performance OLEDs. Journal of Materials Chemistry C, 2013, 1, 808-821.	5.5	66
144	A new two-dimensional oligothiophene end-capped with alkyl cyanoacetate groups for highly efficient solution-processed organic solar cells. Chemical Communications, 2013, 49, 4409.	4.1	66

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145	Solution-processed new porphyrin-based small molecules as electron donors for highly efficient organic photovoltaics. Chemical Communications, 2015, 51, 14439-14442.	4.1	66
146	Evolution of lowest singlet and triplet excited states with transition metals in group 10–12 metallaynes containing biphenyl spacer. Journal of Organometallic Chemistry, 2005, 690, 5036-5048.	1.8	65
147	Antitumor activity of diethynylfluorene derivatives of gold(I). Bioorganic and Medicinal Chemistry, 2009, 17, 7872-7877.	3.0	65
148	Highly Selective Mitochondria-Targeting Amphiphilic Silicon(IV) Phthalocyanines with Axially Ligated Rhodamine B for Photodynamic Therapy. Inorganic Chemistry, 2012, 51, 812-821.	4.0	65
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150	Robust and highly efficient blue light-emitting hosts based on indene-substituted anthracene. Journal of Materials Chemistry, 2010, 20, 3768.	6.7	64
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