

Chi-Ming Che

List of Publications by Year in descending order

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466
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32,482
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2100

100
h-index

7744

150
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507
all docs

507
docs citations

507
times ranked

20878
citing authors

#	ARTICLE	IF	CITATIONS
1	Light-Emitting Tridentate Cyclometalated Platinum(II) Complexes Containing <i>l</i> -Alkynyl Auxiliaries: π - π Tuning of Photo- and Electrophosphorescence. <i>Journal of the American Chemical Society</i> , 2004, 126, 4958-4971.	13.7	587
2	Selective functionalisation of saturated C-H bonds with metalloporphyrin catalysts. <i>Chemical Society Reviews</i> , 2011, 40, 1950.	38.1	565
3	Chemical biology of anticancer gold(III) and gold(I) complexes. <i>Chemical Society Reviews</i> , 2015, 44, 8786-8801.	38.1	504
4	Silver Nanoparticles Inhibit Hepatitis B virus Replication. <i>Antiviral Therapy</i> , 2008, 13, 253-262.	1.0	489
5	Interstitial π -Doped CdS with Long-Lived Photogenerated Electrons for Photocatalytic Water Splitting without Sacrificial Agents. <i>Advanced Materials</i> , 2018, 30, 1705941.	21.0	438
6	Highly phosphorescent platinum(II) emitters: photophysics, materials and biological applications. <i>Chemical Science</i> , 2016, 7, 1653-1673.	7.4	437
7	Pyrophosphito-bridged diplatinum chemistry. <i>Accounts of Chemical Research</i> , 1989, 22, 55-61.	15.6	426
8	Organic Light-Emitting Materials Based on Bis(arylacetylide)platinum(II) Complexes Bearing Substituted Bipyridine and Phenanthroline Ligands: Photo- and Electroluminescence from 3 MLCT Excited States. <i>Chemistry - A European Journal</i> , 2001, 7, 4180-4190.	3.3	355
9	Spectroscopic Evidence for Argentophilicity in Structurally Characterized Luminescent Binuclear Silver(I) Complexes. <i>Journal of the American Chemical Society</i> , 2000, 122, 2464-2468.	13.7	341
10	Probing $d_{8^2}d_{8^1}$ Interactions in Luminescent Mono- and Binuclear Cyclometalated Platinum(II) Complexes of 6-Phenyl-2,2'-bipyridines. <i>Inorganic Chemistry</i> , 1999, 38, 4046-4055.	4.0	338
11	Direct Z-scheme Heterophase Junction of Black/Red Phosphorus for Photocatalytic Water Splitting. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11791-11795.	13.8	301
12	Aziridination of Alkenes and Amidation of Alkanes by Bis(tosylimido)ruthenium(VI) Porphyrins. A Mechanistic Study. <i>Journal of the American Chemical Society</i> , 1999, 121, 9120-9132.	13.7	299
13	Amidation of Saturated C-H Bonds Catalyzed by Electron-Deficient Ruthenium and Manganese Porphyrins. A Highly Catalytic Nitrogen Atom Transfer Process. <i>Organic Letters</i> , 2000, 2, 2233-2236.	4.6	293
14	Structural and Spectroscopic Studies on Pt \cdots Pt and $\pi\cdots\pi$ Interactions in Luminescent Multinuclear Cyclometalated Platinum(II) Homologues Tethered by Oligophosphine Auxiliaries. <i>Journal of the American Chemical Society</i> , 2004, 126, 7639-7651.	13.7	289
15	Luminescent donor-acceptor platinum(II) complexes. <i>Coordination Chemistry Reviews</i> , 1994, 132, 87-97.	18.8	281
16	Photophysical Properties and OLED Applications of Phosphorescent Platinum(II) Schiff Base Complexes. <i>Chemistry - A European Journal</i> , 2010, 16, 233-247.	3.3	261
17	Gold(III) porphyrins as a new class of anticancer drugs: cytotoxicity, DNA binding and induction of apoptosis in human cervix epitheloid cancer cells Electronic supplementary information (ESI) available: Further experimental and crystallographic details. See http://www.rsc.org/suppdata/cc/b3/b303294a/ . <i>Chemical Communications</i> , 2003, 1718.	4.1	254
18	The anti-cancer properties of gold(III) compounds with dianionic porphyrin and tetradentate ligands. <i>Coordination Chemistry Reviews</i> , 2009, 253, 1682-1691.	18.8	230

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19	Ternary Ni-Co-P nanoparticles as noble-metal-free catalysts to boost the hydrolytic dehydrogenation of ammonia-borane. <i>Energy and Environmental Science</i> , 2017, 10, 1770-1776.	30.8	222
20	Tetradentate Schiff base platinum(II) complexes as new class of phosphorescent materials for high-efficiency and white-light electroluminescent devices Electronic supplementary information (ESI) available: synthesis and spectroscopic, thermal (TGA), photophysical, electrochemical and EL characterization; CIF. See http://www.rsc.org/suppdata/cc/b4/b402318h/ . <i>Chemical Communications</i> , 2004, , 1484.	4.1	221
21	π-π Interactions in Organometallic Systems. Crystal Structures and Spectroscopic Properties of Luminescent Mono-, Bi-, and Trinuclear Trans-cyclometalated Platinum(II) Complexes Derived from 2,6-Diphenylpyridine. <i>Organometallics</i> , 2001, 20, 2477-2486.	2.3	219
22	High Luminescence Gold(I) and Copper(I) Complexes with a Triplet Excited State for Use in Light-Emitting Diodes. <i>Advanced Materials</i> , 1999, 11, 852-857.	21.0	215
23	Imido Transfer from Bis(imido)ruthenium(VI) Porphyrins to Hydrocarbons: Effect of Imido Substituents, C-H Bond Dissociation Energies, and Ru(VI)/V Reduction Potentials. <i>Journal of the American Chemical Society</i> , 2005, 127, 16629-16640.	13.7	213
24	Metalloporphyrin-Mediated Asymmetric Nitrogen-Atom Transfer to Hydrocarbons: Aziridination of Alkenes and Amidation of Saturated C-H Bonds Catalyzed by Chiral Ruthenium and Manganese Porphyrins. <i>Chemistry - A European Journal</i> , 2002, 8, 1563-1572.	3.3	209
25	Structure Determination of Homoleptic AuI, AgI, and CuI Aryl/Alkylethynyl Coordination Polymers by X-ray Powder Diffraction. <i>Chemistry - A European Journal</i> , 2005, 11, 1739-1749.	3.3	209
26	Organic Triplet Emissions of Arylacetylide Moieties Harnessed through Coordination to [Au(PCy3)]+. Effect of Molecular Structure upon Photoluminescent Properties. <i>Journal of the American Chemical Society</i> , 2002, 124, 14696-14706.	13.7	204
27	Emissive or Nonemissive? A Theoretical Analysis of the Phosphorescence Efficiencies of Cyclometalated Platinum(II) Complexes. <i>Chemistry - A European Journal</i> , 2009, 15, 7225-7237.	3.3	198
28	Metalloporphyrin-based oxidation systems: from biomimetic reactions to application in organic synthesis. <i>Chemical Communications</i> , 2009, , 3996.	4.1	198
29	Metal complexes in medicine with a focus on enzyme inhibition. <i>Current Opinion in Chemical Biology</i> , 2010, 14, 255-261.	6.1	197
30	Luminescent Organogold(III) Complexes with Long-Lived Triplet Excited States for Light-Induced Oxidative C-H Bond Functionalization and Hydrogen Production. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2654-2657.	13.8	195
31	Asymmetric Inter- and Intramolecular Cyclopropanation of Alkenes Catalyzed by Chiral Ruthenium Porphyrins. Synthesis and Crystal Structure of a Chiral Metalloporphyrin Carbene Complex. <i>Journal of the American Chemical Society</i> , 2001, 123, 4119-4129.	13.7	189
32	Therapeutic applications of gold complexes: lipophilic gold(III) cations and gold(I) complexes for anti-cancer treatment. <i>Chemical Communications</i> , 2011, 47, 9554.	4.1	187
33	Highly Enantioselective Synthesis of Chiral Secondary Amines by Gold(I)/Chiral Brønsted Acid Catalyzed Tandem Intermolecular Hydroamination and Transfer Hydrogenation Reactions. <i>Organic Letters</i> , 2009, 11, 4204-4207.	4.6	185
34	Photoresponsive Supramolecular Organometallic Nanosheets Induced by Pt(II) and C-H...π Interactions. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 9909-9913.	11.8	181
35	Gold(III) Porphyrin 1a Induced Apoptosis by Mitochondrial Death Pathways Related to Reactive Oxygen Species. <i>Cancer Research</i> , 2005, 65, 11553-11564.	0.9	179
36	Nonheme Iron-Mediated Amination of C(sp ³)-H Bonds. Quinquepyridine-Supported Iron-Imide/Nitrene Intermediates by Experimental Studies and DFT Calculations. <i>Journal of the American Chemical Society</i> , 2013, 135, 7194-7204.	13.7	179

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37	Remarkably Stable Iron Porphyrins Bearing Nonheteroatom-Stabilized Carbene or (Alkoxy carbonyl)carbenes: A Isolation, X-ray Crystal Structures, and Carbon Atom Transfer Reactions with Hydrocarbons. <i>Journal of the American Chemical Society</i> , 2002, 124, 13185-13193.	13.7	177
38	Observation of Low-Energy Metal-to-Ligand Charge Transfer Absorption and Emission: Electronic Spectroscopy of Cyclometalated Platinum(II) Complexes with Isocyanide Ligands. <i>Organometallics</i> , 2002, 21, 226-234.	2.3	169
39	Spectroscopic Properties of Luminescent Platinum(II) Complexes Containing 4,4'-bis(tert-butyl)-2,2'-bipyridine (tBu ₃ tpy). Crystal Structures of [Pt(tBu ₃ tpy) ₂ ClO ₄] and [Pt(tBu ₃ tpy){CH ₂ C(O)Me}]ClO ₄ . <i>Inorganic Chemistry</i> , 1999, 38, 4262-4267.		
40	Luminescent Mononuclear and Binuclear Cyclometalated Palladium(II) Complexes of 6-Phenyl-2,2'-bipyridines: Spectroscopic and Structural Comparisons with Platinum(II) Analogues. <i>Inorganic Chemistry</i> , 2000, 39, 255-262.	4.0	166
41	[Fe ^{III} (F ₂₀ tpy)Cl] Is an Effective Catalyst for Nitrene Transfer Reactions and Amination of Saturated Hydrocarbons with Sulfonyl and Aryl Azides as Nitrogen Source under Thermal and Microwave-Assisted Conditions. <i>Chemistry - A European Journal</i> , 2010, 16, 10494-10501.	3.3	165
42	Cyclometalated gold(III) complexes with N-heterocyclic carbene ligands as topoisomerase I poisons. <i>Chemical Communications</i> , 2010, 46, 3893.	4.1	163
43	Semiconducting and Electroluminescent Nanowires Self-Assembled from Organoplatinum(II) Complexes. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9895-9899.	13.8	160
44	Ruthenium Nanoparticles Supported on Hydroxyapatite as an Efficient and Recyclable Catalyst for Dihydroxylation and Oxidative Cleavage of Alkenes. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 3303-3307.	13.8	158
45	Strongly Luminescent Gold(III) Complexes with Long-Lived Excited States: High Emission Quantum Yields, Energy Up-Conversion, and Nonlinear Optical Properties. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6648-6652.	13.8	158
46	Light-emitting platinum(II) complexes supported by tetradentate dianionic bis(N-heterocyclic carbene) ligands: towards robust blue electrophosphors. <i>Chemical Science</i> , 2013, 4, 2630.	7.4	152
47	Opto-electronic multifunctional chiral diamondoid-network coordination polymer: bis{4-[2-(4-pyridyl)ethenyl]benzoato}zinc with high thermal stability. <i>Chemical Communications</i> , 2000, 2000, 2061-2062.	4.1	150
48	The Intrinsic [d ¹⁰ sp ³] Emission of Binuclear Gold(I) Complexes with Two Bridging Diphosphane Ligands Lies in the Near UV; Emissions in the Visible Region Are Due to Exciplexes. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 2783-2785.	13.8	148
49	Luminescent One-Dimensional Nanoscale Materials with Pt ^{II} ...Pt ^{II} Interactions. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 5610-5613.	13.8	147
50	Gold-Catalyzed Highly Enantioselective Synthesis of Axially Chiral Allenes. <i>Organic Letters</i> , 2008, 10, 517-519.	4.6	147
51	Luminescent cyclometalated platinum(II) complexes containing N-heterocyclic carbene ligands with potent in vitro and in vivo anti-cancer properties accumulate in cytoplasmic structures of cancer cells. <i>Chemical Science</i> , 2011, 2, 728.	7.4	147
52	Color Tunable Organic Light-Emitting Devices with External Quantum Efficiency over 20% Based on Strongly Luminescent Gold(III) Complexes having Long-Lived Emissive Excited States. <i>Advanced Materials</i> , 2014, 26, 2540-2546.	21.0	145
53	A Highly Efficient and Selective Au ^I -Catalyzed Tandem Synthesis of Diversely Substituted Pyrrolo[1,2-a]quinolines in Aqueous Media. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 3805-3810.	13.8	143
54	Polymer-Supported Ruthenium Porphyrins: Versatile and Robust Epoxidation Catalysts with Unusual Selectivity. <i>Journal of the American Chemical Society</i> , 2000, 122, 5337-5342.	13.7	142

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55	Anticancer metal-N-heterocyclic carbene complexes of gold, platinum and palladium. <i>Current Opinion in Chemical Biology</i> , 2018, 43, 30-36.	6.1	141
56	Structurally robust phosphorescent [Pt(O ⁺ N ⁻ C ⁻ N)] emitters for high performance organic light-emitting devices with power efficiency up to 126 lm W ⁻¹ and external quantum efficiency over 20%. <i>Chemical Science</i> , 2014, 5, 4819-4830.	7.4	136
57	Application of 2,6-Diphenylpyridine as a Tridentate [C ⁻ N ⁻ S ⁻] Dianionic Ligand in Organogold(III) Chemistry. Structural and Spectroscopic Properties of Mono- and Binuclear Transmetalated Gold(III) Complexes. <i>Organometallics</i> , 1998, 17, 3505-3511.	2.3	134
58	Assembled Organic/Inorganic p-n Junction Interface and Photovoltaic Cell on a Single Nanowire. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 327-330.	4.6	134
59	Luminescent Pincer Platinum(II) Complexes with Emission Quantum Yields up to Almost Unity: Photophysics, Photoreductive C-C Bond Formation, and Materials Applications. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 2084-2089.	13.8	134
60	Luminescent zinc and copper complexes for high-performance solution-processed monochromic and white organic light-emitting devices. <i>Chemical Science</i> , 2015, 6, 4623-4635.	7.4	133
61	Highly Luminescent Pincer Gold(III) Aryl Emitters: Thermally Activated Delayed Fluorescence and Solution-Processed OLEDs. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14036-14041.	13.8	133
62	Synthesis, reactivities, and structural studies on high-valent ruthenium oxo complexes. Ruthenium(IV), ruthenium(V), and ruthenium(VI) oxo complexes of tertiary amine ligands. <i>Inorganic Chemistry</i> , 1987, 26, 2289-2299.	4.0	132
63	Binuclear platinum diphosphite complexes. Crystal structures of tetrapotassium bromotetrakis(diphosphito)diplatinate trihydrate (K ₄ [Pt ₂ (pop) ₄ Br]·3H ₂ O), a new linear chain semiconductor, and tetrapotassium dichlorotetrakis(diphosphito)diplatinate dihydrate (K ₄ [Pt ₂ (pop) ₄ Cl ₂]·2H ₂ O). <i>Journal of the American Chemical Society</i> , 1983, 105, 4604-4607.	13.7	131
64	Carbene and Isocyanide Ligation at Luminescent Cyclometalated 6-Phenyl-2,2'-bipyridyl Platinum(II) Complexes: Structural and Spectroscopic Studies. <i>Organometallics</i> , 1999, 18, 3327-3336.	2.3	131
65	Self-Assembly of Functional Molecules into 1D Crystalline Nanostructures. <i>Advanced Materials</i> , 2015, 27, 985-1013.	21.0	130
66	cis-Dihydroxylation of Alkenes with Oxone Catalyzed by Iron Complexes of a Macrocyclic Tetraaza Ligand and Reaction Mechanism by ESI-MS Spectrometry and DFT Calculations. <i>Journal of the American Chemical Society</i> , 2010, 132, 13229-13239.	13.7	127
67	Highly Efficient Au(I)-Catalyzed Intramolecular Addition of β^2 -Ketoamide to Unactivated Alkenes. <i>Journal of the American Chemical Society</i> , 2007, 129, 5828-5829.	13.7	126
68	Iron oligopyridine complexes as efficient catalysts for practical oxidation of arenes, alkanes, tertiary amines and N-acyl cyclic amines with Oxone. <i>Chemical Science</i> , 2011, 2, 2187.	7.4	126
69	Amidation of Unfunctionalized Hydrocarbons Catalyzed by Ruthenium Cyclic Amine or Bipyridine Complexes. <i>Journal of Organic Chemistry</i> , 2000, 65, 7858-7864.	3.2	124
70	Amidation of silyl enol ethers and cholesteryl acetates with chiral ruthenium(ii) Schiff-base catalysts: catalytic and enantioselective studies Electronic supplementary information (ESI) available: experimental details. See http://www.rsc.org/suppdata/cc/b1/b109272c/ . <i>Chemical Communications</i> , 2002, 124-125.	4.1	123
71	Self-Assembly of Pre-designed Trimetallic Macrocycles Based on Benzimidazole as Nonlinear Bridging Motifs: Crystal Structure of a Luminescent Platinum(II) Cyclic Trimer. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 669-671.	13.8	122
72	High-valent ruthenium(IV) and -(VI) oxo complexes of octaethylporphyrin. Synthesis, spectroscopy, and reactivities. <i>Journal of the American Chemical Society</i> , 1989, 111, 8812-8818.	13.7	121

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73	Robust Phosphorescent Platinum(II) Complexes Containing Tetradentate O ^N C ^N Ligands: Excimeric Excited State and Application in Organic White-Light-Emitting Diodes. <i>Chemistry - A European Journal</i> , 2013, 19, 69-73.	3.3	121
74	Luminescent organoplatinum(ii) complexes containing bis(N-heterocyclic carbene) ligands selectively target the endoplasmic reticulum and induce potent photo-toxicity. <i>Chemical Communications</i> , 2013, 49, 5423.	4.1	121
75	Highly Selective Metal Catalysts for Intermolecular Carbenoid Insertion into Primary C-H Bonds and Enantioselective C-C Bond Formation. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9747-9751.	13.8	120
76	Cyclometalated Gold(III) Complexes Containing N-Heterocyclic Carbene Ligands Engage Multiple Anti-Cancer Molecular Targets. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3892-3896.	13.8	119
77	Iron- and cobalt-catalyzed C(sp ³)-H bond functionalization reactions and their application in organic synthesis. <i>Chemical Society Reviews</i> , 2020, 49, 5310-5358.	38.1	119
78	A novel monooxoruthenium(V) complex containing a polydentate pyridyl amine ligand. Syntheses, reactivities, and x-ray crystal structure of [Ru(III)(N4O)(H2O)](ClO4)2. <i>Journal of the American Chemical Society</i> , 1990, 112, 2284-2291.	13.7	118
79	Silver-mediated highly enantioselective synthesis of axially chiral allenes under thermal and microwave-assisted conditions. <i>Chemical Communications</i> , 2010, 46, 213-215.	4.1	118
80	Robust phosphorescent platinum(ii) complexes with tetradentate O ^N N ^S C ^N ligands: high efficiency OLEDs with excellent efficiency stability. <i>Chemical Communications</i> , 2013, 49, 1497.	4.1	118
81	Soluble Polymer-Supported Ruthenium Porphyrin Catalysts for Epoxidation, Cyclopropanation, and Aziridination of Alkenes. <i>Organic Letters</i> , 2002, 4, 1911-1914.	4.6	117
82	A Practical and Mild Method for the Highly Selective Conversion of Terminal Alkenes into Aldehydes through Epoxidation-Isomerization with Ruthenium(IV)-Porphyrin Catalysts. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 4950-4954.	13.8	116
83	Elevated Catalytic Activity of Ruthenium(II)-Porphyrin-Catalyzed Carbene/Nitrene Transfer and Insertion Reactions with N-Heterocyclic Carbene Ligands. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2982-2987.	13.8	116
84	Photoinduced C-C bond formation from alkyl halides catalysed by luminescent dinuclear gold(I) and copper(I) complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 3325-3329.	1.1	115
85	Photophysical properties and X-ray crystal structure of a luminescent platinum(II) dimer [Pt2(2,2'-bipyridine)2]2+. <i>Chemical Communications</i> , 1992, , 1369-1371.	2.0	115
86	Anticancer Gold(III) Porphyrins Target Mitochondrial Chaperone Hsp60. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1387-1391.	13.8	115
87	Modular Cyclometalated Platinum(II) Complexes as Luminescent Molecular Sensors for pH and Hydrophobic Binding Regions. <i>Chemistry - A European Journal</i> , 1999, 5, 2845-2849.	3.3	113
88	Catalytic and asymmetric cyclopropanation of styrenes catalysed by ruthenium porphyrin and porphycene complexes. <i>Chemical Communications</i> , 1997, , 1205-1206.	4.1	112
89	Ruthenium and osmium porphyrin carbene complexes: synthesis, structure, and connection to the metal-mediated cyclopropanation of alkenes. <i>Coordination Chemistry Reviews</i> , 2002, 231, 151-164.	18.8	112
90	Highly luminescent palladium(II) complexes with sub-millisecond blue to green phosphorescent excited states. Photocatalysis and highly efficient PSF-OLEDs. <i>Chemical Science</i> , 2016, 7, 6083-6098.	7.4	112

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91	Face-to-Face Orientation of Quasiplanar Donor and Acceptor Enables Highly Efficient Intramolecular Exciplex Fluorescence. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3994-3998.	13.8	112
92	Blue electrophosphorescent organoplatinum(II) complexes with dianionic tetradentate bis(carbene) ligands. <i>Chemical Communications</i> , 2011, 47, 9075.	4.1	111
93	An unprecedented six-fold anion-type chiral diamondoid-like eight-coordinate Cd(II) coordination polymer with a second-order nonlinear optical effect. <i>Dalton Transactions RSC</i> , 2001, , 2453-2455.	2.3	108
94	[Fe(F20TPP)Cl] catalyzed intramolecular C–N bond formation for alkaloid synthesis using aryl azides as nitrogen source. <i>Chemical Communications</i> , 2010, 46, 6926.	4.1	108
95	High-Efficiency Polymer Light-Emitting Devices with Robust Phosphorescent Platinum(II) Emitters Containing Tetradentate Dianionic O ²⁻ N ²⁻ C ²⁻ N Ligands. <i>Advanced Materials</i> , 2013, 25, 6765-6770.	21.0	107
96	Stable luminescent iridium(III) complexes with bis(N-heterocyclic carbene) ligands: photo-stability, excited state properties, visible-light-driven radical cyclization and CO ₂ reduction, and cellular imaging. <i>Chemical Science</i> , 2016, 7, 3123-3136.	7.4	107
97	Structural, Photophysical, and Electrophosphorescent Properties of Platinum(II) Complexes Supported by Tetradentate N ₂ O ₂ Chelates. <i>Chemistry - A European Journal</i> , 2003, 9, 1263-1272.	3.3	106
98	Water soluble luminescent platinum terpyridine complexes with glycosylated acetylide and arylacetylide ligands: photoluminescent properties and cytotoxicities. <i>Chemical Communications</i> , 2005, , 4675.	4.1	106
99	Highly Efficient Alkene Epoxidation and Aziridination Catalyzed by Iron(II) Salt + 4,4'-Trichloro-2,2'-terpyridine/4,4'-Dichloro-4'-oxy-PEG-OCH ₃ -2,2'-terpyridine. <i>Organic Letters</i> , 2008, 10, 3275-3278.	11.6	106
100	A dinuclear cyclometalated gold(III)-phosphine complex targeting thioredoxin reductase inhibits hepatocellular carcinoma in vivo. <i>Chemical Science</i> , 2013, 4, 1979.	7.4	104
101	Iron(III)-salan complexes catalysed highly enantioselective fluorination and hydroxylation of β -keto esters and N-Boc oxindoles. <i>Chemical Communications</i> , 2014, 50, 7870.	4.1	104
102	N-Heterocyclic Carbene Iron(III) Porphyrin-Catalyzed Intramolecular C(sp ³)–H Amination of Alkyl Azides. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11947-11951.	13.8	104
103	Gold(III) Photooxidants. Photophysical, Photochemical Properties, and Crystal Structure of a Luminescent Cyclometalated Gold(III) Complex of 2,9-Diphenyl-1,10-Phenanthroline. <i>Inorganic Chemistry</i> , 1994, 33, 1266-1272.	4.0	102
104	Long-Lived Excited States of Zwitterionic Copper(I) Complexes for Photoinduced Cross-Dehydrogenative Coupling Reactions. <i>Chemistry - A European Journal</i> , 2015, 21, 1184-1190.	3.3	102
105	Isolation and X-ray Crystal Structure of an Unusual Biscarbene Metal Complex and Its Reactivity toward Cyclopropanation and Allylic C–H Insertion of Unfunctionalized Alkenes. <i>Journal of the American Chemical Society</i> , 2001, 123, 4843-4844.	13.7	101
106	Organic Triplet Excited States of Gold(I) Complexes with Oligo(oxo- or thio)phosphonate Ligands. <i>Journal of the American Chemical Society</i> , 2011, 133, 14120-14135.	13.7	101
107	Platinum(II) Complexes of Dipyrrophenazine as Metallointercalators for DNA and Potent Cytotoxic Agents against Carcinoma Cell Lines. <i>Chemistry - A European Journal</i> , 1999, 5, 3350-3356.	3.3	100
108	Strongly Phosphorescent Palladium(II) Complexes of Tetradentate Ligands with Mixed Oxygen, Carbon, and Nitrogen Donor Atoms: Photophysics, Photochemistry, and Applications. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11775-11779.	13.8	100

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109	Cyclometalated Palladium(II) N-Heterocyclic Carbene Complexes: Anticancer Agents for Potent In-Vitro Cytotoxicity and In-Vivo Tumor Growth Suppression. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11935-11939.	13.8	100
110	Alkyne Oxidations by cis-Dioxoruthenium(VI) Complexes. A Formal [3 + 2] Cycloaddition Reaction of Alkynes with cis-[(Cn*)(CF3CO2)RuVIO2]ClO4 (Cn* = 1,4,7-Trimethyl-1,4,7-triazacyclononane). <i>Journal of the American Chemical Society</i> , 2000, 122, 11380-11392.	13.7	99
111	Alkenes-Dihydroxylation by [(Me3tacn)(CF3CO2)RuVIO2]ClO4 (Me3tacn = 1,4,7-Trimethyl-1,4,7-triazacyclononane). Kinetic Studies. <i>Journal of the American Chemical Society</i> , 2005, 127, 14239-14249.	13.7	99
112	Gold(I) complex of N,N'-disubstituted cyclic thiourea with in vitro and in vivo anticancer properties: potent tight-binding inhibition of thioredoxin reductase. <i>Chemical Communications</i> , 2010, 46, 7691.	4.1	99
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