## **Chi-Ming Che**

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Light-Emitting Tridentate Cyclometalated Platinum(II) Complexes Containing Ïf-Alkynyl Auxiliaries: Tuning of Photo- and Electrophosphorescence. Journal of the American Chemical Society, 2004, 126, 4958-4971.	13.7	587
2	Selective functionalisation of saturated C–H bonds with metalloporphyrin catalysts. Chemical Society Reviews, 2011, 40, 1950.	38.1	565
3	Chemical biology of anticancer gold( <scp>iii</scp> ) and gold( <scp>i</scp> ) complexes. Chemical Society Reviews, 2015, 44, 8786-8801.	38.1	504
4	Silver Nanoparticles Inhibit Hepatitis B virus Replication. Antiviral Therapy, 2008, 13, 253-262.	1.0	489
5	Interstitial Pâ€Doped CdS with Longâ€Lived Photogenerated Electrons for Photocatalytic Water Splitting without Sacrificial Agents. Advanced Materials, 2018, 30, 1705941.	21.0	438
6	Highly phosphorescent platinum( <scp>ii</scp> ) emitters: photophysics, materials and biological applications. Chemical Science, 2016, 7, 1653-1673.	7.4	437
7	Pyrophosphito-bridged diplatinum chemistry. Accounts of Chemical Research, 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 from3MLCT Excited States. Chemistry - A European Journal, 2001, 7, 4180-4190.	3.3	355
9	Spectroscopic Evidence for Argentophilicity in Structurally Characterized Luminescent Binuclear Silver(I) Complexes. Journal of the American Chemical Society, 2000, 122, 2464-2468.	13.7	341
10	Probing d8â^'d8Interactions in Luminescent Mono- and Binuclear Cyclometalated Platinum(II) Complexes of 6-Phenyl-2,2â€~-bipyridines. Inorganic Chemistry, 1999, 38, 4046-4055.	4.0	338
11	Direct Zâ€Scheme Heteroâ€phase Junction of Black/Red Phosphorus for Photocatalytic Water Splitting. Angewandte Chemie - International Edition, 2019, 58, 11791-11795.	13.8	301
12	Aziridination of Alkenes and Amidation of Alkanes by Bis(tosylimido)ruthenium(VI) Porphyrins. A Mechanistic Study. Journal of the American Chemical Society, 1999, 121, 9120-9132.	13.7	299
13	Amidation of Saturated Câ^H Bonds Catalyzed by Electron-Deficient Ruthenium and Manganese Porphyrins. A Highly Catalytic Nitrogen Atom Transfer Process. Organic Letters, 2000, 2, 2233-2236.	4.6	293
14	Structural and Spectroscopic Studies on Pt··À·Pt and Ï€â^'Ï€ Interactions in Luminescent Multinuclear Cyclometalated Platinum(II) Homologues Tethered by Oligophosphine Auxiliaries. Journal of the American Chemical Society, 2004, 126, 7639-7651.	13.7	289
15	Luminescent donor-acceptor platinum(ii) complexes. Coordination Chemistry Reviews, 1994, 132, 87-97.	18.8	281
16	Photophysical Properties and OLED Applications of Phosphorescent Platinum(II) Schiff Base Complexes. Chemistry - A European Journal, 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 cellsElectronic supplementary information (ESI) available: Further experimental and crystallographic details. See http://www.rsc.org/suppdata/cc/b3/b303294a/ Chemical Communications, 2003, 1718	4.1	254
18	The anti-cancer properties of gold(III) compounds with dianionic porphyrin and tetradentate ligands. Coordination Chemistry Reviews, 2009, 253, 1682-1691.	18.8	230

#	Article	IF	CITATIONS
19	Ternary Ni–Co–P nanoparticles as noble-metal-free catalysts to boost the hydrolytic dehydrogenation of ammonia-borane. Energy and Environmental Science, 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 devicesElectronic supplementary information (ESI) available: synthesis and spectroscopic, thermal (TGA), photophysical, electrochemical and EL characterization; CIF. See http://www.rsc.org/suppdata/cc/b4/b402318h/. Chemical Communications,	4.1	221
21	2007; , 1484. Ï€â <sup>~</sup> ï€ 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. Organometallics, 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. Advanced Materials, 1999, 11, 852-857.	21.0	215
23	Imido Transfer from Bis(imido)ruthenium(VI) Porphyrins to Hydrocarbons:Â Effect of Imido Substituents, Câ^'H Bond Dissociation Energies, and RuVI/VReduction Potentials. Journal of the American Chemical Society, 2005, 127, 16629-16640.	13.7	213
24	Metalloporphyrin-Mediated Asymmetric Nitrogen-Atom Transfer to Hydrocarbons: Aziridination of Alkenes and Amidation of Saturated Câ^'H Bonds Catalyzed by Chiral Ruthenium and Manganese Porphyrins. Chemistry - A European Journal, 2002, 8, 1563-1572.	3.3	209
25	Structure Determination of Homoleptic Aul, AgI, and Cul Aryl/Alkylethynyl Coordination Polymers by X-ray Powder Diffraction. Chemistry - A European Journal, 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. Journal of the American Chemical Society, 2002, 124, 14696-14706.	13.7	204
27	Emissive or Nonemissive? A Theoretical Analysis of the Phosphorescence Efficiencies of Cyclometalated Platinum(II) Complexes. Chemistry - A European Journal, 2009, 15, 7225-7237.	3.3	198
28	Metalloporphyrin-based oxidation systems: from biomimetic reactions to application in organic synthesis. Chemical Communications, 2009, , 3996.	4.1	198
29	Metal complexes in medicine with a focus on enzyme inhibition. Current Opinion in Chemical Biology, 2010, 14, 255-261.	6.1	197
30	Luminescent Organogold(III) Complexes with Longâ€Lived Triplet Excited States for Lightâ€Induced Oxidative CH Bond Functionalization and Hydrogen Production. Angewandte Chemie - International Edition, 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. Journal of the American Chemical Society, 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. Chemical Communications, 2011, 47, 9554.	4.1	187
33	Highly Enantioselective Synthesis of Chiral Secondary Amines by Gold(I)/Chiral BrÃ,nsted Acid Catalyzed Tandem Intermolecular Hydroamination and Transfer Hydrogenation Reactions. Organic Letters, 2009, 11, 4204-4207.	4.6	185
34	Photoresponsive Supramolecular Organometallic Nanosheets Induced by Pt <sup>II</sup> â‹â‹â‹Pt <sup>II</sup> and CHâ‹â‹î€ Interactions. Angewandte Chemie - Interna 2009, 48, 9909-9913.	tion <b>al.&amp;</b> diti	on181
35	Gold(III) Porphyrin 1a Induced Apoptosis by Mitochondrial Death Pathways Related to Reactive Oxygen Species. Cancer Research, 2005, 65, 11553-11564.	0.9	179
36	Nonheme Iron-Mediated Amination of C(sp <sup>3</sup> )–H Bonds. Quinquepyridine-Supported Iron-Imide/Nitrene Intermediates by Experimental Studies and DFT Calculations. Journal of the American Chemical Society, 2013, 135, 7194-7204.	13.7	179

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37	Remarkably Stable Iron Porphyrins Bearing Nonheteroatom-Stabilized Carbene or (Alkoxycarbonyl)carbenes:A Isolation, X-ray Crystal Structures, and Carbon Atom Transfer Reactions with Hydrocarbons. Journal of the American Chemical Society, 2002, 124, 13185-13193.	13.7	177
38	Observation of Low-Energy Metalâ^'Metal-to-Ligand Charge Transfer Absorption and Emission: Electronic Spectroscopy of Cyclometalated Platinum(II) Complexes with Isocyanide Ligands. Organometallics, 2002, 21, 226-234.	2.3	169
39	Spectroscopic Properties of Luminescent Platinum(II) Complexes Containing 4,4â€~,4â€~ â€~-Tri-tert-butyl-2,2â€~;6â€~,2â€~ â€~-terpyridine (tBu3tpy). Crystal Structures of [Pt(tBu3tp [Pt(tBu3tpy){CH2C(O)Me}]ClO4. Inorganic Chemistry, 1999, 38, 4262-4267.	y <b>)aCol</b> ]ClO4	· ସାହଞ୍ଚ
40	Luminescent Mononuclear and Binuclear Cyclometalated Palladium(II) Complexes of 6-Phenyl-2,2â€~-bipyridines: Spectroscopic and Structural Comparisons with Platinum(II) Analogues1,2. Inorganic Chemistry, 2000, 39, 255-262.	4.0	166
41	[Fe <sup>III</sup> (F <sub>20</sub> â€tpp)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 Microwaveâ€Assisted Conditions. Chemistry - A European Journal, 2010, 16, 10494-10501.	3.3	165
42	Cyclometalated gold(iii) complexes with N-heterocyclic carbene ligands as topoisomerase I poisons. Chemical Communications, 2010, 46, 3893.	4.1	163
43	Semiconducting and Electroluminescent Nanowires Selfâ€Assembled from Organoplatinum(II) Complexes. Angewandte Chemie - International Edition, 2008, 47, 9895-9899.	13.8	160
44	Ruthenium Nanoparticles Supported on Hydroxyapatite as an Efficient and Recyclable Catalyst forcis-Dihydroxylation and Oxidative Cleavage of Alkenes. Angewandte Chemie - International Edition, 2004, 43, 3303-3307.	13.8	158
45	Strongly Luminescent Gold(III) Complexes with Longâ€Lived Excited States: High Emission Quantum Yields, Energy Up onversion, and Nonlinear Optical Properties. Angewandte Chemie - International Edition, 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. Chemical Science, 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. Chemical Communications, 2000, , 2061-2062.	4.1	150
48	The Intrinsic3[dσ*pσ] 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. Angewandte Chemie - International Edition, 1999, 38, 2783-2785.	13.8	148
49	Luminescent One-Dimensional Nanoscale Materials with Ptllâ‹â‹â‹Ptll Interactions. Angewandte Chemie - International Edition, 2006, 45, 5610-5613.	13.8	147
50	Gold-Catalyzed Highly Enantioselective Synthesis of Axially Chiral Allenes. Organic Letters, 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. Chemical Science, 2011, 2, 728.	7.4	147
52	Color Tunable Organic Lightâ€Emitting Devices with External Quantum Efficiency over 20% Based on Strongly Luminescent Gold(III) Complexes having Longâ€Lived Emissive Excited States. Advanced Materials, 2014, 26, 2540-2546.	21.0	145
53	A Highly Efficient and Selective Au <sup>I</sup> atalyzed Tandem Synthesis of Diversely Substituted Pyrrolo[1,2â€ <i>a</i> ]quinolines in Aqueous Media. Angewandte Chemie - International Edition, 2008, 47, 3805-3810.	13.8	143
54	Polymer-Supported Ruthenium Porphyrins:Â Versatile and Robust Epoxidation Catalysts with Unusual Selectivity. Journal of the American Chemical Society, 2000, 122, 5337-5342.	13.7	142

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55	Anticancer metal-N-heterocyclic carbene complexes of gold, platinum and palladium. Current Opinion in Chemical Biology, 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 <sup>â^'1</sup> and external quantum efficiency over 20%. Chemical Science, 2014, 5, 4819-4830.	7.4	136
57	Application of 2,6-Diphenylpyridine as a Tridentate [Câ^§Nâ^§C] Dianionic Ligand in Organogold(III) Chemistry. Structural and Spectroscopic Properties of Mono- and Binuclear Transmetalated Gold(III) Complexes. Organometallics, 1998, 17, 3505-3511.	2.3	134
58	Assembled Organic/Inorganic pâ ``n Junction Interface and Photovoltaic Cell on a Single Nanowire. Journal of Physical Chemistry Letters, 2010, 1, 327-330.	4.6	134
59	Luminescent Pincer Platinum(II) Complexes with Emission Quantum Yields up to Almost Unity: Photophysics, Photoreductive Ci£¿C Bond Formation, and Materials Applications. Angewandte Chemie - International Edition, 2015, 54, 2084-2089.	13.8	134
60	Luminescent zinc( <scp>ii</scp> ) and copper( <scp>i</scp> ) complexes for high-performance solution-processed monochromic and white organic light-emitting devices. Chemical Science, 2015, 6, 4623-4635.	7.4	133
61	Highly Luminescent Pincer Gold(III) Aryl Emitters: Thermally Activated Delayed Fluorescence and Solutionâ€Processed OLEDs. Angewandte Chemie - International Edition, 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. Inorganic Chemistry, 1987, 26, 2289-2299.	4.0	132
63	Binuclear platinum diphosphite complexes. Crystal structures of tetrapotassium bromotetrakis(diphosphito)diplatinate trihydrate (K4[Pt2(pop)4Br].3H2O), a new linear chain semiconductor, and tetrapotassium dichlorotetrakis(diphosphito)diplatinate dihydrate (K4[Pt2(pop)4Cl2].2H2O), Journal of the American Chemical Society, 1983, 105, 4604-4607.	13.7	131
64	Carbene and Isocyanide Ligation at Luminescent Cyclometalated 6-Phenyl-2,2â€~-bipyridyl Platinum(II) Complexes:  Structural and Spectroscopic Studies. Organometallics, 1999, 18, 3327-3336.	2.3	131
65	Selfâ€Assembly of Functional Molecules into 1D Crystalline Nanostructures. Advanced Materials, 2015, 27, 985-1013.	21.0	130
66	<i>cis</i> -Dihydroxylation of Alkenes with Oxone Catalyzed by Iron Complexes of a Macrocyclic Tetraaza Ligand and Reaction Mechanism by ESI-MS Spectrometry and DFT Calculations. Journal of the American Chemical Society, 2010, 132, 13229-13239.	13.7	127
67	Highly Efficient Au(I)-Catalyzed Intramolecular Addition of β-Ketoamide to Unactivated Alkenes. Journal of the American Chemical Society, 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. Chemical Science, 2011, 2, 2187.	7.4	126
69	Amidation of Unfunctionalized Hydrocarbons Catalyzed by Ruthenium Cyclic Amine or Bipyridine Complexes. Journal of Organic Chemistry, 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 studiesElectronic supplementary information (ESI) available: experimental details. See http://www.rsc.org/suppdata/cc/b1/b109272c/. Chemical Communications, 2002124-125.	4.1	123
71	Self-Assembly of Predesigned Trimetallic Macrocycles Based on Benzimidazole as Nonlinear Bridging Motifs: Crystal Structure of a Luminescent Platinum(II) Cyclic Trimer. Angewandte Chemie - International Edition, 1999, 38, 669-671.	13.8	122
72	High-valent ruthenium(IV) and -(VI) oxo complexes of octaethylporphyrin. Synthesis, spectroscopy, and reactivities. Journal of the American Chemical Society, 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 Whiteâ€Lightâ€Emitting Diodes. Chemistry - A European Journal, 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. Chemical Communications, 2013, 49, 5423.	4.1	121
75	Highly Selective Metal Catalysts for Intermolecular Carbenoid Insertion into Primary Cï£;H Bonds and Enantioselective Cï£;C Bond Formation. Angewandte Chemie - International Edition, 2008, 47, 9747-9751.	13.8	120
76	Cyclometalated Gold(III) Complexes Containing Nâ€Heterocyclic Carbene Ligands Engage Multiple Antiâ€Cancer Molecular Targets. Angewandte Chemie - International Edition, 2017, 56, 3892-3896.	13.8	119
77	Iron- and cobalt-catalyzed C(sp <sup>3</sup> )–H bond functionalization reactions and their application in organic synthesis. Chemical Society Reviews, 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 [RuIII(N4O)(H2O)](ClO4)2. Journal of the American Chemical Society, 1990, 112, 2284-2291.	13.7	118
79	Silver( <scp>i</scp> )-mediated highly enantioselective synthesis of axially chiral allenes under thermal and microwave-assisted conditions. Chemical Communications, 2010, 46, 213-215.	4.1	118
80	Robust phosphorescent platinum(ii) complexes with tetradentate Oâ^§Nâ^§Câ^§N ligands: high efficiency OLEDs with excellent efficiency stability. Chemical Communications, 2013, 49, 1497.	4.1	118
81	Soluble Polymer-Supported Ruthenium Porphyrin Catalysts for Epoxidation, Cyclopropanation, and Aziridination of Alkenes. Organic Letters, 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. Angewandte Chemie - International Edition, 2004, 43, 4950-4954.	13.8	116
83	Elevated Catalytic Activity of Ruthenium(II)–Porphyrinâ€Catalyzed Carbene/Nitrene Transfer and Insertion Reactions with Nâ€Heterocyclic Carbene Ligands. Angewandte Chemie - International Edition, 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. Journal of the Chemical Society Dalton Transactions, 1992, , 3325-3329.	1.1	115
85	Photophysical properties and X-ray crystal structure of a luminescent platinum(II) dimer [Pt2(2,2′ :) Tj ETQq1 1 Communications, 1992, , 1369-1371.	0.784314 2.0	4 rgBT /Ovei 115
86	Anticancer Gold(III) Porphyrins Target Mitochondrial Chaperone Hsp60. Angewandte Chemie - International Edition, 2016, 55, 1387-1391.	13.8	115
87	Modular Cyclometalated Platinum(II) Complexes as Luminescent Molecular Sensors for pH and Hydrophobic Binding Regions. Chemistry - A European Journal, 1999, 5, 2845-2849.	3.3	113
88	Catalytic and asymmetric cyclopropanation of styrenes catalysed by ruthenium porphyrin and porphycene complexes. Chemical Communications, 1997, , 1205-1206.	4.1	112
89	Ruthenium and osmium porphyrin carbene complexes: synthesis, structure, and connection to the metal-mediated cyclopropanation of alkenes. Coordination Chemistry Reviews, 2002, 231, 151-164.	18.8	112
90	Highly luminescent palladium( <scp>ii</scp> ) complexes with sub-millisecond blue to green phosphorescent excited states. Photocatalysis and highly efficient PSF-OLEDs. Chemical Science, 2016, 7, 6083-6098.	7.4	112

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91	Faceâ€ŧoâ€Face Orientation of Quasiplanar Donor and Acceptor Enables Highly Efficient Intramolecular Exciplex Fluorescence. Angewandte Chemie - International Edition, 2021, 60, 3994-3998.	13.8	112
92	Blue electrophosphorescent organoplatinum(ii) complexes with dianionic tetradentate bis(carbene) ligands. Chemical Communications, 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. Dalton Transactions RSC, 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. Chemical Communications, 2010, 46, 6926.	4.1	108
95	Highâ€Efficiency Polymer Lightâ€Emitting Devices with Robust Phosphorescent Platinum(II) Emitters Containing Tetradentate Dianionic O <sup>â^§</sup> N <sup>â^§</sup> C <sup>â^§</sup> N Ligands. Advanced Materials, 2013, 25, 6765-6770.	21.0	107
96	Stable luminescent iridium( <scp>iii</scp> ) complexes with bis(N-heterocyclic carbene) ligands: photo-stability, excited state properties, visible-light-driven radical cyclization and CO <sub>2</sub> reduction, and cellular imaging. Chemical Science, 2016, 7, 3123-3136.	7.4	107
97	Structural, Photophysical, and Electrophosphorescent Properties of Platinum(II) Complexes Supported by Tetradentate N2O2 Chelates. Chemistry - A European Journal, 2003, 9, 1263-1272.	3.3	106
98	Water soluble luminescent platinum terpyridine complexes with glycosylated acetylide and arylacetylide ligands: photoluminescent properties and cytotoxicities. Chemical Communications, 2005, , 4675.	4.1	106
99	Highly Efficient Alkene Epoxidation and Aziridination Catalyzed by Iron(II) Salt + 4,4′,4′′-Trichloro-2,2′:6′,2′′-terpyridine/4,4′′-Dichloro-4′- <i>O</i> -PEG-OCH <sub>3&lt; Organic Letters, 2008, 10, 3275-3278.</sub>	/subo-2,2	â€ <b>1‰â</b> €²,2â€
100	A dinuclear cyclometalated gold(iii)–phosphine complex targeting thioredoxin reductase inhibits hepatocellular carcinoma in vivo. Chemical Science, 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. Chemical Communications, 2014, 50, 7870.	4.1	104
102	Nâ€Heterocyclic Carbene Iron(III) Porphyrin atalyzed Intramolecular C(sp <sup>3</sup> )–H Amination of Alkyl Azides. Angewandte Chemie - International Edition, 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. Inorganic Chemistry, 1994, 33, 1266-1272.	4.0	102
104	Longâ€Lived Excited States of Zwitterionic Copper(I) Complexes for Photoinduced Crossâ€Dehydrogenative Coupling Reactions. Chemistry - A European Journal, 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 Câ°'H Insertion of Unfunctionalized Alkenes. Journal of the American Chemical Society, 2001, 123, 4843-4844.	13.7	101
106	Organic Triplet Excited States of Gold(I) Complexes with Oligo( <i>o</i> or) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Studies on Exciton Delocalization and Emission Pathways. Journal of the American Chemical Society,	0 152 Td ( 13.7	<i>m</i> -phe 101
107	Platinum(II) Complexes of Dipyridophenazine as Metallointercalators for DNA and Potent Cytotoxic Agents against Carcinoma Cell Lines. Chemistry - A European Journal, 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. Angewandte Chemie - International Edition, 2013, 52, 11775-11779.	13.8	100

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109	Cyclometalated Palladium(II) Nâ€Heterocyclic Carbene Complexes: Anticancer Agents for Potent Inâ€Vitro Cytotoxicity and Inâ€Vivo Tumor Growth Suppression. Angewandte Chemie - International Edition, 2016, 55, 11935-11939.	13.8	100
110	Alkyne Oxidations bycis-Dioxoruthenium(VI) Complexes. A Formal [3 + 2] Cycloaddition Reaction of Alkynes withcis-[(Cn*)(CF3CO2)RuVIO2]ClO4(Cn* = 1,4,7-Trimethyl-1,4,7-triazacyclononane). Journal of the American Chemical Society, 2000, 122, 11380-11392.	13.7	99
111	Alkenecis-Dihydroxylation by [(Me3tacn)(CF3CO2)RuVIO2]ClO4(Me3tacn =) Tj ETQq1 1 0.784314 rgBT /Overlocl Kinetic Studies. Journal of the American Chemical Society, 2005, 127, 14239-14249.	10 Tf 50 13.7	667 Td (1,4 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. Chemical Communications, 2010, 46, 7691.	4.1	99
113	Ruthenium–Porphyrinâ€Catalyzed Diastereoselective Intramolecular Alkyl Carbene Insertion into CH Bonds of Alkyl Diazomethanes Generated In Situ from <i>N</i> â€Tosylhydrazones. Angewandte Chemie - International Edition, 2014, 53, 14175-14180.	13.8	99
114	Highly efficient hydrolysis of ammonia borane by anion ( <sup>â^'</sup> OH, F <sup>â^'</sup> ,) Tj ETQq0 0 0 rgBT Communications, 2017, 53, 705-708.	Overlock 4.1	10 Tf 50 54 97
115	Aerobic enantioselective alkene epoxidation by a chiral trans-dioxo(D4-porphyrinato)ruthenium(VI) complex. Chemical Communications, 1998, , 1583-1584.	4.1	96
116	In situ ligand synthesis and the first crystallographically characterized lanthanide 3-D pillared networks containing benzene-1,4-disulfonate as a building block â€. Dalton Transactions RSC, 2001, , 780-782.	2.3	96
117	High Efficiency White Organic Lightâ€Emitting Devices Incorporating Yellow Phosphorescent Platinum(II) Complex and Composite Blue Host. Advanced Functional Materials, 2013, 23, 5168-5176.	14.9	95
118	Spectroscopic and Excited-State Properties of Luminescent Rhenium(I) N-Heterocyclic Carbene Complexes Containing Aromatic Diimine Ligands. Organometallics, 1998, 17, 1622-1630.	2.3	93
119	Chemoselective Oxidation of Alcohols to Aldehydes and Ketones by tert-Butyl Hydroperoxide Catalyzed by a Ruthenium Complex of N,Nâ€~,Nâ€~â€~-Trimethyl-1,4,7-triazacyclononane. Journal of Organic Chemistry, 1998, 63, 2873-2877.	3.2	92
120	Self-assembled nanostructures with tridentate cyclometalated platinum(ii) complexes. Chemical Communications, 2006, , 3972.	4.1	91
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