

Chi-Ming Che

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471 papers	26,873 citations	92 h-index	138 g-index
507 ext. papers	29,680 ext. citations	8.4 avg, IF	7.24 L-index

#	Paper	IF	Citations
471	Light-emitting tridentate cyclometalated platinum(II) complexes containing sigma-alkynyl auxiliaries: tuning of photo- and electrophosphorescence. <i>Journal of the American Chemical Society</i> , 2004 , 126, 4958-71	16.4	550
470	Selective functionalisation of saturated C-H bonds with metalloporphyrin catalysts. <i>Chemical Society Reviews</i> , 2011 , 40, 1950-75	58.5	489
469	Chemical biology of anticancer gold(III) and gold(I) complexes. <i>Chemical Society Reviews</i> , 2015 , 44, 8786-8815	38.5	387
468	Pyrophosphito-bridged diplatinum chemistry. <i>Accounts of Chemical Research</i> , 1989 , 22, 55-61	24.3	380
467	Highly phosphorescent platinum(ii) emitters: photophysics, materials and biological applications. <i>Chemical Science</i> , 2016 , 7, 1653-1673	9.4	334
466	Organic light-emitting materials based on bis(arylacetylide)platinum(II) complexes bearing substituted bipyridine and phenanthroline ligands: photo- and electroluminescence from 3MLCT excited states. <i>Chemistry - A European Journal</i> , 2001 , 7, 4180-90	4.8	330
465	Spectroscopic Evidence for Argentophilicity in Structurally Characterized Luminescent Binuclear Silver(I) Complexes. <i>Journal of the American Chemical Society</i> , 2000 , 122, 2464-2468	16.4	310
464	Interstitial P-Doped CdS with Long-Lived Photogenerated Electrons for Photocatalytic Water Splitting without Sacrificial Agents. <i>Advanced Materials</i> , 2018 , 30, 1705941	24	304
463	Probing d8d8 Interactions in Luminescent Mono- and Binuclear Cyclometalated Platinum(II) Complexes of 6-Phenyl-2,2'bipyridines. <i>Inorganic Chemistry</i> , 1999 , 38, 4046-4055	5.1	302
462	Silver Nanoparticles Inhibit Hepatitis B virus Replication. <i>Antiviral Therapy</i> , 2008 , 13, 253-262	1.6	295
461	Structural and spectroscopic studies on Pt.Pt and pi-pi interactions in luminescent multinuclear cyclometalated platinum(II) homologues tethered by oligophosphine auxiliaries. <i>Journal of the American Chemical Society</i> , 2004 , 126, 7639-51	16.4	270
460	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, 2233-6	6.2	266
459	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	16.4	266
458	Luminescent donor-acceptor platinum(ii) complexes. <i>Coordination Chemistry Reviews</i> , 1994 , 132, 87-97	23.2	249
457	Photophysical properties and OLED applications of phosphorescent platinum(II) Schiff base complexes. <i>Chemistry - A European Journal</i> , 2010 , 16, 233-47	4.8	242
456	Gold(III) porphyrins as a new class of anticancer drugs: cytotoxicity, DNA binding and induction of apoptosis in human cervix epitheloid cancer cells. <i>Chemical Communications</i> , 2003 , 1718-9	5.8	230
455	The anti-cancer properties of gold(III) compounds with dianionic porphyrin and tetradentate ligands. <i>Coordination Chemistry Reviews</i> , 2009 , 253, 1682-1691	23.2	210

454	Tetradentate Schiff base platinum(II) complexes as new class of phosphorescent materials for high-efficiency and white-light electroluminescent devices. <i>Chemical Communications</i> , 2004 , 1484-5	5.8	209
453	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	3.8	202
452	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, 16629-40	16.4	199
451	Organic triplet emissions of arylacetylide moieties harnessed through coordination to [Au(PCy(3))]⁺. Effect of molecular structure upon photoluminescent properties. <i>Journal of the American Chemical Society</i> , 2002 , 124, 14696-706	16.4	192
450	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	24	192
449	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, 2654-7	16.4	183
448	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, 1563-72	4.8	182
447	Emissive or nonemissive? A theoretical analysis of the phosphorescence efficiencies of cyclometalated platinum(II) complexes. <i>Chemistry - A European Journal</i> , 2009 , 15, 7225-37	4.8	178
446	Metalloporphyrin-based oxidation systems: from biomimetic reactions to application in organic synthesis. <i>Chemical Communications</i> , 2009 , 3996-4015	5.8	177
445	Metal complexes in medicine with a focus on enzyme inhibition. <i>Current Opinion in Chemical Biology</i> , 2010 , 14, 255-61	9.7	177
444	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, 1739-49	4.8	177
443	Direct Z-Scheme Hetero-phase Junction of Black/Red Phosphorus for Photocatalytic Water Splitting. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 11791-11795	16.4	170
442	Therapeutic applications of gold complexes: lipophilic gold(III) cations and gold(I) complexes for anti-cancer treatment. <i>Chemical Communications</i> , 2011 , 47, 9554-60	5.8	170
441	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, 4204-7	6.2	170
440	Gold(III) porphyrin 1a induced apoptosis by mitochondrial death pathways related to reactive oxygen species. <i>Cancer Research</i> , 2005 , 65, 11553-64	10.1	166
439	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, 4119-29	16.4	165
438	Remarkably stable iron porphyrins bearing nonheteroatom-stabilized carbene or (alkoxycarbonyl)carbenes: isolation, X-ray crystal structures, and carbon atom transfer reactions with hydrocarbons. <i>Journal of the American Chemical Society</i> , 2002 , 124, 13185-93	16.4	159
437	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	3.8	158

- 436 Spectroscopic Properties of Luminescent Platinum(II) Complexes Containing 4,4',4''-tri-tert-butyl-2,2',2''-terpyridine (tBu3tpy). Crystal Structures of [Pt(tBu3tpy)Cl]ClO₄ and [Pt(tBu3tpy){CH₂C(O)Me}]ClO₄. *Inorganic Chemistry*, **1999**, 38, 4262-4267 5.1 158
- 435 Nonheme iron-mediated amination of C(sp³)-H bonds. Quinquepyridine-supported iron-imide/nitrene intermediates by experimental studies and DFT calculations. *Journal of the American Chemical Society*, **2013**, 135, 7194-204 16.4 156
- 434 Photoresponsive supramolecular organometallic nanosheets induced by Pt(II)...Pt(II) and C-H... π interactions. *Angewandte Chemie - International Edition*, **2009**, 48, 9909-13 16.4 156
- 433 Ternary Ni₃O₂ nanoparticles as noble-metal-free catalysts to boost the hydrolytic dehydrogenation of ammonia-borane. *Energy and Environmental Science*, **2017**, 10, 1770-1776 35.4 155
- 432 Luminescent mononuclear and binuclear cyclometalated palladium(II) complexes of 6-phenyl-2,2'-bipyridines: spectroscopic and structural comparisons with platinum(II) analogues. *Inorganic Chemistry*, **2000**, 39, 255-62 5.1 153
- 431 Semiconducting and electroluminescent nanowires self-assembled from organoplatinum(II) complexes. *Angewandte Chemie - International Edition*, **2008**, 47, 9895-9 16.4 150
- 430 Strongly luminescent gold(III) complexes with long-lived excited states: high emission quantum yields, energy up-conversion, and nonlinear optical properties. *Angewandte Chemie - International Edition*, **2013**, 52, 6648-52 16.4 148
- 429 Cyclometalated gold(III) complexes with N-heterocyclic carbene ligands as topoisomerase I poisons. *Chemical Communications*, **2010**, 46, 3893-5 5.8 148
- 428 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 5.8 143
- 427 [Fe(III)(F(20)-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 microwave-assisted conditions. *Chemistry - A European Journal*, **2010**, 16, 10494-501 4.8 141
- 426 Luminescent one-dimensional nanoscale materials with PtII...PtII interactions. *Angewandte Chemie - International Edition*, **2006**, 45, 5610-3 16.4 141
- 425 Ruthenium nanoparticles supported on hydroxyapatite as an efficient and recyclable catalyst for cis-dihydroxylation and oxidative cleavage of alkenes. *Angewandte Chemie - International Edition*, **2004**, 43, 3303-7 16.4 141
- 424 A highly efficient and selective Au(I)-catalyzed tandem synthesis of diversely substituted pyrrolo[1,2-a]quinolines in aqueous media. *Angewandte Chemie - International Edition*, **2008**, 47, 3805-10 16.4 132
- 423 The Intrinsic 3[d π p] π 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 16.4 132
- 422 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. *Advanced Materials*, **2014**, 26, 2540-6 24 130
- 421 Assembled Organic/Inorganic p π Junction Interface and Photovoltaic Cell on a Single Nanowire. *Journal of Physical Chemistry Letters*, **2010**, 1, 327-330 6.4 129
- 420 Gold-catalyzed highly enantioselective synthesis of axially chiral allenes. *Organic Letters*, **2008**, 10, 517-96.2 128
- 419 Polymer-Supported Ruthenium Porphyrins: Versatile and Robust Epoxidation Catalysts with Unusual Selectivity. *Journal of the American Chemical Society*, **2000**, 122, 5337-5342 16.4 128

418	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	9.4	127
417	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	3.8	125
416	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	9.4	121
415	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	9.4	119
414	Binuclear platinum diphosphite complexes. Crystal structures of tetrapotassium bromotetrakis(diphosphito)diplatinate trihydrate (K ₄ [Pt ₂ (pop) ₄ Br] ₃ ·3H ₂ O), a new linear chain semiconductor, and tetrapotassium dichlorotetrakis(diphosphito)diplatinate dihydrate (K ₄ [Pt ₂ (pop) ₄ Cl ₂] ₂ ·2H ₂ O). <i>Journal of the American Chemical Society</i> , 1993 , 115, 4604-4607	16.4	119
413	Application of 2,6-Diphenylpyridine as a Tridentate [C ⁻ N ⁻ C ⁻] 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	3.8	118
412	Highly Efficient Au(I)-catalyzed intramolecular addition of beta-ketoamide to unactivated alkenes. <i>Journal of the American Chemical Society</i> , 2007 , 129, 5828-9	16.4	115
411	Self-assembly of functional molecules into 1D crystalline nanostructures. <i>Advanced Materials</i> , 2015 , 27, 985-1013	24	114
410	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, 13229-39	16.4	114
409	Photophysical properties and X-ray crystal structure of a luminescent platinum(II) dimer [Pt ₂ (2,2':6,2''-terpyridine) ₂ (Gua)](ClO ₄) ₃ ·H ₂ O (Gua = guanidine anion). <i>Journal of the Chemical Society Chemical Communications</i> , 1992 , 1369-1371		113
408	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	5.1	113
407	Luminescent zinc(II) and copper(I) complexes for high-performance solution-processed monochromic and white organic light-emitting devices. <i>Chemical Science</i> , 2015 , 6, 4623-4635	9.4	112
406	Amidation of silyl enol ethers and cholesteryl acetates with chiral ruthenium(II) schiff-base catalysts: catalytic and enantioselective studies. <i>Chemical Communications</i> , 2002 , 124-5	5.8	112
405	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, 2084-9	16.4	110
404	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	9.4	110
403	Silver(I)-mediated highly enantioselective synthesis of axially chiral allenes under thermal and microwave-assisted conditions. <i>Chemical Communications</i> , 2010 , 46, 213-5	5.8	109
402	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	4.8	108
401	Catalytic and asymmetric cyclopropanation of styrenes catalysed by ruthenium porphyrin and porphycene complexes. <i>Chemical Communications</i> , 1997 , 1205-1206	5.8	106

400	Amidation of unfunctionalized hydrocarbons catalyzed by ruthenium cyclic amine or bipyridine complexes. <i>Journal of Organic Chemistry</i> , 2000 , 65, 7858-64	4.2	105
399	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	4.8	105
398	Self-Assembly of Predesigned 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	16.4	105
397	A novel monooxoruthenium(V) complex containing a polydentate pyridyl amine ligand. Syntheses, reactivities, and x-ray crystal structure of [RuIII(N4O)(H2O)](ClO4)2. <i>Journal of the American Chemical Society</i> , 1990 , 112, 2284-2291	16.4	105
396	Robust phosphorescent platinum(II) complexes with tetradentate O ^N C ^N ligands: high efficiency OLEDs with excellent efficiency stability. <i>Chemical Communications</i> , 2013 , 49, 1497-9	5.8	104
395	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, 9747-51	16.4	104
394	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		104
393	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	16.4	104
392	Anticancer metal-N-heterocyclic carbene complexes of gold, platinum and palladium. <i>Current Opinion in Chemical Biology</i> , 2018 , 43, 30-36	9.7	104
391	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	16.4	103
390	Soluble polymer-supported ruthenium porphyrin catalysts for epoxidation, cyclopropanation, and aziridination of alkenes. <i>Organic Letters</i> , 2002 , 4, 1911-4	6.2	103
389	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, 5423-5	5.8	102
388	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	23.2	102
387	Blue electrophosphorescent organoplatinum(II) complexes with dianionic tetradentate bis(carbene) ligands. <i>Chemical Communications</i> , 2011 , 47, 9075-7	5.8	99
386	Water soluble luminescent platinum terpyridine complexes with glycosylated acetylide and arylacetylide ligands: photoluminescent properties and cytotoxicities. <i>Chemical Communications</i> , 2005 , 4675-7	5.8	97
385	Photoinduced 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		97
384	In situ ligand synthesis and the first crystallographically characterized lanthanide 3-D pillared networks containing benzene-1,4-disulfonate as a building block. <i>Dalton Transactions RSC</i> , 2001 , 780-782		94
383	High-efficiency polymer light-emitting devices with robust phosphorescent platinum(II) emitters containing tetradentate dianionic O ^N C ^N ligands. <i>Advanced Materials</i> , 2013 , 25, 6765-70	24	93

382	[Fe(F(20)TPP)Cl] catalyzed intramolecular C-N bond formation for alkaloid synthesis using aryl azides as nitrogen source. <i>Chemical Communications</i> , 2010 , 46, 6926-8	5.8	93
381	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, 4950-4	16.4	93
380	Structural, photophysical, and electrophosphorescent properties of platinum(II) complexes supported by tetradentate N2O2 chelates. <i>Chemistry - A European Journal</i> , 2003 , 9, 1263-72	4.8	93
379	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	9.4	92
378	Organic triplet excited states of gold(I) complexes with oligo(o- or m-phenyleneethynylene) ligands: conjunction of steady-state and time-resolved spectroscopic studies on exciton delocalization and emission pathways. <i>Journal of the American Chemical Society</i> , 2011 , 133, 14120-35	16.4	92
377	Highly efficient alkene epoxidation and aziridination catalyzed by iron(II) salt + 4,4',4''-trichloro-2,2':6',2''-terpyridine/4,4''-dichloro-4'-O-PEG-OCH3-2,2':6',2''-terpyridine. <i>Organic Letters</i> , 2008 , 10, 3275-8	6.2	92
376	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	16.4	91
375	Self-assembled nanostructures with tridentate cyclometalated platinum(II) complexes. <i>Chemical Communications</i> , 2006 , 3972-4	5.8	90
374	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, 4843-4	16.4	90
373	Long-lived excited states of zwitterionic copper(I) complexes for photoinduced cross-dehydrogenative coupling reactions. <i>Chemistry - A European Journal</i> , 2015 , 21, 1184-90	4.8	89
372	A dinuclear cyclometalated gold(III)phosphine complex targeting thioredoxin reductase inhibits hepatocellular carcinoma in vivo. <i>Chemical Science</i> , 2013 , 4, 1979	9.4	89
371	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, 2982-7	16.4	88
370	Iron(III)-salan complexes catalysed highly enantioselective fluorination and hydroxylation of β -keto esters and N-Boc oxindoles. <i>Chemical Communications</i> , 2014 , 50, 7870-3	5.8	88
369	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, 11775-9	16.4	87
368	High Efficiency White Organic Light-Emitting Devices Incorporating Yellow Phosphorescent Platinum(II) Complex and Composite Blue Host. <i>Advanced Functional Materials</i> , 2013 , 23, 5168-5176	15.6	87
367	Aerobic enantioselective alkene epoxidation by a chiral trans-dioxo(D4-porphyrinato)ruthenium(VI) complex. <i>Chemical Communications</i> , 1998 , 1583-1584	5.8	87
366	Stable luminescent iridium(III) complexes with bis(N-heterocyclic carbene) ligands: photo-stability, excited state properties, visible-light-driven radical cyclization and CO reduction, and cellular imaging. <i>Chemical Science</i> , 2016 , 7, 3123-3136	9.4	86
365	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	4.8	86

- 364 Ruthenium-porphyrin-catalyzed diastereoselective intramolecular alkyl carbene insertion into C-H bonds of alkyl diazomethanes generated in situ from N-tosylhydrazones. *Angewandte Chemie - International Edition*, **2014**, 53, 14175-80 16.4 85
- 363 Alkene cis-dihydroxylation by [(Me₃tacn)(CF₃CO₂)Ru(VI)O₂][ClO₄(Me₃tacn) = 1,4,7-Trimethyl-1,4,7-triazacyclononane]: structural characterization of [3 + 2] cycloadducts and kinetic studies. *Journal of the American Chemical Society*, **2005**, 127, 14239-49 16.4 85
- 362 Anticancer Gold(III) Porphyrins Target Mitochondrial Chaperone Hsp60. *Angewandte Chemie - International Edition*, **2016**, 55, 1387-91 16.4 84
- 361 cis-Beta-bis(carbonyl) ruthenium-salen complexes: X-ray crystal structures and remarkable catalytic properties toward asymmetric intramolecular alkene cyclopropanation. *Journal of the American Chemical Society*, **2009**, 131, 4405-17 16.4 83
- 360 Spectroscopic and Excited-State Properties of Luminescent Rhenium(I) N-Heterocyclic Carbene Complexes Containing Aromatic Diimine Ligands. *Organometallics*, **1998**, 17, 1622-1630 3.8 83
- 359 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 5.1 82
- 358 Cyclometallated Gold(III) Complexes as Effective Catalysts for Synthesis of Propargylic Amines, Chiral Allenes and Isoxazoles. *Advanced Synthesis and Catalysis*, **2013**, 355, 2055-2070 5.6 80
- 357 Highly enantioselective intermolecular carbene insertion to C-H and Si-H bonds catalyzed by a chiral iridium(III) complex of a D₄-symmetric Halterman porphyrin ligand. *Chemical Communications*, **2012**, 48, 4299-301 5.8 80
- 356 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, 7691-3 5.8 80
- 355 Highly efficient hydrolysis of ammonia borane by anion (OH, F, Cl)-tuned interactions between reactant molecules and CoP nanoparticles. *Chemical Communications*, **2017**, 53, 705-708 5.8 79
- 354 A Diiminoplatinum(II) Complex of 4-Ethynylbenzo-15-crown-5 as a Luminescent Sensor for Divalent Metal Ions. *European Journal of Inorganic Chemistry*, **2003**, 2003, 2749-2752 2.3 78
- 353 Theoretical studies on the photophysical properties of luminescent pincer gold(III) arylacetylide complexes: the role of π -conjugation at the C-deprotonated [C^NC] ligand. *Chemical Science*, **2015**, 6, 3026-3037 9.4 77
- 352 Organogold(III) supramolecular polymers for anticancer treatment. *Angewandte Chemie - International Edition*, **2012**, 51, 4882-6 16.4 77
- 351 Alkene cyclopropanation catalyzed by Halterman iron porphyrin: participation of organic bases as axial ligands. *Dalton Transactions*, **2006**, 4845-51 4.3 77
- 350 Luminescent platinum(II) complexes with self-assembly and anti-cancer properties: hydrogel, pH dependent emission color and sustained-release properties under physiological conditions. *Chemical Science*, **2015**, 6, 3823-3830 9.4 76
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