

Chi-Ming Che

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Self-Assembly of Molecular Trefoil Knots Featuring Pentadecanuclear Homoleptic AuI-, AuI/AgI-, or AuI/CuI-Alkynyl Coordination.. <i>Angewandte Chemie - International Edition</i> , 2022 ,	16.4	1
470	Engineering Enzymes for New-to-Nature Carbene Chemistry 2022 , 95-138		1
469	Metal-Catalyzed Decarbenations by Retro-Cyclopropanation 2022 , 169-198		
468	Transition-Metal-Catalyzed Cross-Coupling with Carbene Precursors 2022 , 371-399		1
467	Metal Carbene Cycloaddition Reactions 2022 , 139-168		2
466	Catalytic Enantioselective Carbene Insertions into Heteroatom-Hydrogen Bonds 2022 , 67-94		1
465	Multi-Component Reaction via gem -Difunctionalization of Metal Carbene 2022 , 325-369		
464	Transition-Metal-Catalyzed Carbene Transformations for Polymer Syntheses 2022 , 243-267		0
463	Catalytic Radical Approach for Selective Carbene Transfers via Cobalt(II)-Based Metalloradical Catalysis 2022 , 25-66		1
462	Metal-Catalyzed Quinoid Carbene (QC) Transfer Reactions 2022 , 269-297		0
461	Alkane Functionalization by Metal-Catalyzed Carbene Insertion from Diazo Reagents 2022 , 1-24		
460	Asymmetric Rearrangement and Insertion Reactions with Metal-Carbenoids Promoted by Chiral N,N ? -Dioxide or Guanidine-Based Catalysts 2022 , 299-324		0
459	Gold-Catalyzed Oxidation of Alkynes by N -Oxides or Sulfoxides 2022 , 199-241		
458	Anti-cancer gold compounds 2021 ,		
457	Highly Efficient Thermally Activated Delayed Fluorescence from Pyrazine-Fused Carbene Au(I) Emitters. <i>Chemistry - A European Journal</i> , 2021 ,	4.8	4
456	Strong metal-metal Pauli repulsion leads to repulsive metallophilicity in closed-shell d and d organometallic complexes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	17
455	Platinum(II) -heterocyclic carbene complexes arrest metastatic tumor growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	2

454	Ru-Acylimido Intermediate in [Ru (Por)Cl ₂]-Catalyzed C-N Bond Formation: Spectroscopic Characterization, Reactivity, and Catalytic Reactions. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 18619-18629	16.4	2
453	26-3: Invited Paper: High Performance and Long Device Lifetime Organic Light-emitting Diodes Using a Tetradentate Platinum (II) Emitter. <i>Digest of Technical Papers SID International Symposium</i> , 2021 , 52, 328-331	0.5	2
452	RuV-Acylimido Intermediate in [RuIV(Por)Cl ₂]-Catalyzed C-N Bond Formation: Spectroscopic Characterization, Reactivity, and Catalytic Reactions. <i>Angewandte Chemie</i> , 2021 , 133, 18767-18777	3.6	0
451	Innenrücktitelbild: RuV-Acylimido Intermediate in [RuIV(Por)Cl ₂]-Catalyzed C-N Bond Formation: Spectroscopic Characterization, Reactivity, and Catalytic Reactions (Angew. Chem. 34/2021). <i>Angewandte Chemie</i> , 2021 , 133, 19039-19039	3.6	
450	Photoinduced Hydroarylation and Cyclization of Alkenes with Luminescent Platinum(II) Complexes. <i>Angewandte Chemie</i> , 2021 , 133, 1403-1409	3.6	5
449	Face-to-Face Orientation of Quasipolar Donor and Acceptor Enables Highly Efficient Intramolecular Exciplex Fluorescence. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 3994-3998	16.4	46
448	Metal-Quinoid Carbene Chemistry: From Bonding to C-H Activation Catalysis. <i>Synlett</i> , 2021 , 32, 249-257	2.2	6
447	Photoinduced Hydroarylation and Cyclization of Alkenes with Luminescent Platinum(II) Complexes. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 1383-1389	16.4	14
446	Stable, High-Efficiency Voltage-Dependent Color-Tunable Organic Light-Emitting Diodes with a Single Tetradentate Platinum(II) Emitter Having Long Operational Lifetime. <i>Advanced Materials</i> , 2021 , 33, e2004873	24	12
445	C-H Activation by an Iron-Nitrido Bis-Pocket Porphyrin Species. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 4796-4803	16.4	2
444	C-H Activation by an Iron-Nitrido Bis-Pocket Porphyrin Species. <i>Angewandte Chemie</i> , 2021 , 133, 4846-4853	3.6	1
443	Dynamic supramolecular self-assembly of platinum(II) complexes perturbs an autophagy-lysosomal system and triggers cancer cell death.. <i>Chemical Science</i> , 2021 , 12, 15229-15238	9.4	4
442	A soluble iron(II)-phthalocyanine-catalyzed intramolecular C(sp ³)-H amination with alkyl azides. <i>Chemical Communications</i> , 2021 , 57, 10711-10714	5.8	3
441	Phosphorescent [3 + 2 + 1] coordinated Ir(III) cyano complexes for achieving efficient phosphors and their application in OLED devices. <i>Chemical Science</i> , 2021 , 12, 10165-10178	9.4	7
440	Direct photo-induced reductive Heck cyclization of indoles for the efficient preparation of polycyclic indolyl compounds. <i>Chemical Science</i> , 2021 , 12, 14050-14058	9.4	2
439	Iron(III)-BPSalan Complex Catalyzed Highly Enantioselective Dearomative Chlorination of 2-Hydroxy-1-naphthoates. <i>Asian Journal of Organic Chemistry</i> , 2021 , 10, 674-678	3	1
438	Luminescent Platinum(II) Complexes with Bidentate Diacetylide Ligands: Structures, Photophysical Properties and Application Studies. <i>Chemistry - an Asian Journal</i> , 2021 , 16, 2978-2992	4.5	1
437	Iron-Catalyzed Highly Enantioselective Addition of Silyl Enol Ethers to α,β -Unsaturated 2-Acyl Imidazoles. <i>Organic Letters</i> , 2021 , 23, 6993-6997	6.2	0

436	Ferromagnetism in 2D Vanadium Diselenide. <i>ACS Nano</i> , 2021 , 15, 16236-16241	16.7	6
435	A PEGylated N-heterocyclic carbene-gold(I) complex: an efficient catalyst for cyclization reaction in water. <i>Organic Chemistry Frontiers</i> , 2021 , 8, 1216-1222	5.2	2
434	Fe-BPsalan complex catalyzed highly enantioselective Diels-Alder reaction of alkylidene ketooesters. <i>Organic Chemistry Frontiers</i> , 2021 , 8, 1910-1917	5.2	3
433	Improved color quality in double-EML WOLEDs by using a tetradentate Pt(II) complex as a green/red emitter. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 3384-3390	7.1	8
432	Cu(I) and Ag(I) Complexes with a New Type of Rigid Tridentate N,P,P-Ligand for Thermally Activated Delayed Fluorescence and OLEDs with High External Quantum Efficiency. <i>Chemistry of Materials</i> , 2020 , 32, 10365-10382	9.6	23
431	Iron- and cobalt-catalyzed C(sp)-H bond functionalization reactions and their application in organic synthesis. <i>Chemical Society Reviews</i> , 2020 , 49, 5310-5358	58.5	56
430	Iron-Catalyzed Highly Enantioselective cis-Dihydroxylation of Trisubstituted Alkenes with Aqueous H ₂ O ₂ . <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 16561-16571	16.4	10
429	Transition-Metal-Free C(sp ²)-C(sp ²) Cross-Coupling of Diazo Quinones with Catechol Boronic Esters. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 16202-16208	16.4	11
428	The first crystallographically characterised ruthenium(vi) alkylimido porphyrin competent for aerobic epoxidation and hydrogen atom abstraction. <i>Chemical Communications</i> , 2020 , 56, 4428-4431	5.8	4
427	cis-Ruthenium Complexes with Sterically Bulky Salen Ligands: Enantioselective Intermolecular Carbene Insertion into Si-H Bonds and X-ray Crystal Structure of cis-[RuII(salen)(CO)(CPh ₂)] Complex. <i>Organometallics</i> , 2020 , 39, 2642-2652	3.8	4
426	Direct preparation of unprotected aminimides (RN-NH) from natural aliphatic tertiary alkaloids (RN) by [Mn(TDCPP)Cl]-catalysed N-amination reaction. <i>Chemical Communications</i> , 2020 , 56, 9102-9105	5.8	5
425	Iron-Catalyzed Highly Enantioselective cis-Dihydroxylation of Trisubstituted Alkenes with Aqueous H ₂ O ₂ . <i>Angewandte Chemie</i> , 2020 , 132, 16704	3.6	
424	Transition-Metal-Free C(sp ²)-C(sp ²) Cross-Coupling of Diazo Quinones with Catechol Boronic Esters. <i>Angewandte Chemie</i> , 2020 , 132, 16336-16342	3.6	0
423	Innenstruktur: Tetradentate Gold(III) Complexes as Thermally Activated Delayed Fluorescence (TADF) Emitters: Microwave-Assisted Synthesis and High-Performance OLEDs with Long Operational Lifetime (Angew. Chem. 16/2020). <i>Angewandte Chemie</i> , 2020 , 132, 6693-6693	3.6	
422	Controlled Synthesis of PdII and PtII Supramolecular Copolymer with Sequential Multiblock and Amplified Phosphorescence. <i>Chem</i> , 2020 , 6, 945-967	16.2	31
421	Controlling Metallophilic Interactions in Chiral Gold(I) Double Salts towards Excitation Wavelength-Tunable Circularly Polarized Luminescence. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 6915-6922	16.4	31
420	Tetradentate Gold(III) Complexes as Thermally Activated Delayed Fluorescence (TADF) Emitters: Microwave-Assisted Synthesis and High-Performance OLEDs with Long Operational Lifetime. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 6375-6382	16.4	44
419	Tetradentate Gold(III) Complexes as Thermally Activated Delayed Fluorescence (TADF) Emitters: Microwave-Assisted Synthesis and High-Performance OLEDs with Long Operational Lifetime. <i>Angewandte Chemie</i> , 2020 , 132, 6437-6444	3.6	12

4 ¹⁸	Transition-Metal-Catalyzed Regioselective Functionalization of Monophosphino-o-Carboranes. <i>Chemistry - A European Journal</i> , 2020 , 26, 5037-5050	4.8	22
4 ¹⁷	Luminescent tungsten(vi) complexes as photocatalysts for light-driven C-C and C-B bond formation reactions. <i>Chemical Science</i> , 2020 , 11, 6370-6382	9.4	12
4 ¹⁶	Amine-Responsive Disassembly of Au -Cu Double Salts for Oxidative Carbonylation. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 2080-2084	16.4	7
4 ¹⁵	Stable group 8 metal porphyrin mono- and bis(dialkylcarbene) complexes: synthesis, characterization, and catalytic activity. <i>Chemical Science</i> , 2020 , 11, 2243-2259	9.4	18
4 ¹⁴	Anti-cancer gold, platinum and iridium compounds with porphyrin and/or N-heterocyclic carbene ligand(s). <i>Advances in Inorganic Chemistry</i> , 2020 , 87-119	2.1	3
4 ¹³	Iridium(III)-Catalyzed Intermolecular C(sp ³)H Insertion Reaction of Quinoid Carbene: A Radical Mechanism. <i>Angewandte Chemie</i> , 2020 , 132, 1861-1866	3.6	4
4 ¹²	Iridium(III)-Catalyzed Intermolecular C(sp ³)-H Insertion Reaction of Quinoid Carbene: A Radical Mechanism. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 1845-1850	16.4	21
4 ¹¹	An anticancer gold(III)-activated porphyrin scaffold that covalently modifies protein cysteine thiols. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 1321-1329	11.5	26
4 ¹⁰	High Efficiency Sky-Blue Gold(III)-TADF Emitters*. <i>Chemistry - A European Journal</i> , 2020 , 26, 15718-15726	4.8	5
4 ⁰⁹	Bis(tridentate) Iron(II) Complexes with a Cyclometalating Unit: Photophysical Property Enhancement with Combinatorial Strong Ligand Field Effect. <i>Organometallics</i> , 2020 , 39, 2791-2802	3.8	10
4 ⁰⁸	Anticancer Gold(III) Compounds With Porphyrin or N-heterocyclic Carbene Ligands. <i>Frontiers in Chemistry</i> , 2020 , 8, 587207	5	6
4 ⁰⁷	Excitation-Wavelength-Dependent and Auxiliary-Ligand-Tuned Intersystem-Crossing Efficiency in Cyclometalated Platinum(II) Complexes: Spectroscopic and Theoretical Studies. <i>Inorganic Chemistry</i> , 2020 , 59, 14654-14665	5.1	11
4 ⁰⁶	Recent Advances in Metal-TADF Emitters and Their Application in Organic Light-Emitting Diodes. <i>Frontiers in Chemistry</i> , 2020 , 8, 653	5	14
4 ⁰⁵	Recent Advances in Metal Triplet Emitters with d6, d8, and d10 Electronic Configurations. <i>Trends in Chemistry</i> , 2020 , 2, 796-812	14.8	10
4 ⁰⁴	Synthesis of P-chiral phosphine compounds by palladium-catalyzed C-P coupling reactions. <i>Chemical Communications</i> , 2020 , 56, 11775-11778	5.8	5
4 ⁰³	Lighting Silver(I) Complexes for Solution-Processed Organic Light-Emitting Diodes and Biological Applications via Thermally Activated Delayed Fluorescence. <i>Inorganic Chemistry</i> , 2020 , 59, 12122-12131	5.1	13
4 ⁰²	Innentitelbild: Iron-Catalyzed Highly Enantioselective cis-Dihydroxylation of Trisubstituted Alkenes with Aqueous H ₂ O ₂ (Angew. Chem. 38/2020). <i>Angewandte Chemie</i> , 2020 , 132, 16390	3.6	
4 ⁰¹	Iron porphyrin catalysed light driven C-H bond amination and alkene aziridination with organic azides. <i>Chemical Science</i> , 2020 , 11, 4680-4686	9.4	19

400	Galectin-1 promotes hepatocellular carcinoma and the combined therapeutic effect of OTX008 galectin-1 inhibitor and sorafenib in tumor cells. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019 , 38, 423	12.8	26
399	Iron-catalyzed C-H amination and its application in organic synthesis. <i>Tetrahedron</i> , 2019 , 75, 130607	2.4	31
398	Highly Enantioselective Synthesis Using Prolinol as a Chiral Auxiliary: Silver-Mediated Synthesis of Axially Chiral Vinylallenes and Subsequent (Hetero)-Diels-Alder Reactions. <i>Organic Letters</i> , 2019 , 21, 7717-7721	6.2	11
397	Fast Synthesis of Iridium(III) Complexes Incorporating a Bis(diphenylphosphorothioyl)amide Ligand for Efficient Pure Green OLEDs. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 7184-7191	9.5	28
396	An Effective [Fe(TFDMAP)Cl] Catalyst for C-H Bond Amination with Aryl and Alkyl Azides. <i>Organic Letters</i> , 2019 , 21, 895-899	6.2	36
395	Luminescent ruffled iridium(III) porphyrin complexes containing N-heterocyclic carbene ligands: structures, spectroscopies and potent antitumor activities under dark and light irradiation conditions. <i>Chemical Science</i> , 2019 , 10, 293-309	9.4	32
394	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
393	An Antitumor Bis(N-Heterocyclic Carbene)Platinum(II) Complex That Engages Asparagine Synthetase as an Anticancer Target. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 10914-10918	16.4	31
392	Ruthenium(II) Porphyrin Quinoid Carbene Complexes: Synthesis, Crystal Structure, and Reactivity toward Carbene Transfer and Hydrogen Atom Transfer Reactions. <i>Journal of the American Chemical Society</i> , 2019 , 141, 9027-9046	16.4	31
391	Stable iridium(IV) complexes supported by tetradentate salen ligands. Synthesis, structures and reactivity. <i>Chemical Communications</i> , 2019 , 55, 3606-3609	5.8	8
390	A Multifunctional Hydrogel Delivers Gold Compound and Inhibits Human Lung Cancer Xenograft. <i>Pharmaceutical Research</i> , 2019 , 36, 61	4.5	13
389	High-performance organic light-emitting diodes with low-efficiency roll-off using bulky tetradentate [Pt(O ⁻ N ⁺ C ⁺ N)] emitters. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 7230-7236	7.1	9
388	Efficient acceptorless photo-dehydrogenation of alcohols and -heterocycles with binuclear platinum(II) diphosphite complexes. <i>Chemical Science</i> , 2019 , 10, 4883-4889	9.4	54
387	Photochemical nitrogenation of alkanes and arenes by a strongly luminescent osmium(VI) nitrido complex. <i>Communications Chemistry</i> , 2019 , 2,	6.3	12
386	SBP2 deficiency in adipose tissue macrophages drives insulin resistance in obesity. <i>Science Advances</i> , 2019 , 5, eaav0198	14.3	9
385	An Antitumor Bis(N-Heterocyclic Carbene)Platinum(II) Complex That Engages Asparagine Synthetase as an Anticancer Target. <i>Angewandte Chemie</i> , 2019 , 131, 11030-11034	3.6	8
384	Strongly Luminescent Tungsten Emitters with Emission Quantum Yields of up to 84 %: TADF and High-Efficiency Molecular Tungsten OLEDs. <i>Angewandte Chemie</i> , 2019 , 131, 15038-15042	3.6	5
383	Thermally Stable Donor-Acceptor Type (Alkynyl)Gold(III) TADF Emitters Achieved EQEs and Luminance of up to 23.4% and 70 300 cd m ⁻² in Vacuum-Deposited OLEDs. <i>Advanced Science</i> , 2019 , 6, 1802297	13.6	38

- 382 Strongly Luminescent Tungsten Emitters with Emission Quantum Yields of up to 84 %: TADF and High-Efficiency Molecular Tungsten OLEDs. *Angewandte Chemie - International Edition*, **2019**, 58, 14896-14900 16.4 31
- 381 Kinetically Controlled Self-Assembly of Phosphorescent Au Aggregates and Ligand-to-Metal-Metal Charge Transfer Excited State: A Combined Spectroscopic and DFT/TDDFT Study. *Journal of the American Chemical Society*, **2019**, 141, 11572-11582 16.4 25
- 380 Intramolecular Nitrene Insertion into Saturated C-H-Bond-Mediated C-N Bond Cleavage of a Coordinated NHC Ligand. *Chemistry - A European Journal*, **2019**, 25, 10828-10833 4.8 3
- 379 High-Efficiency Solution-Processed Organic Light-Emitting Diodes with Tetradentate Platinum(II) Emitters. *ACS Applied Materials & Interfaces*, **2019**, 11, 45161-45170 9.5 15
- 378 Solvent-Induced Cluster-to-Cluster Transformation of Homoleptic Gold(I) Thiolates between Catenane and Ring-in-Ring Structures. *Angewandte Chemie*, **2019**, 131, 16443-16452 3.6 8
- 377 Solvent-Induced Cluster-to-Cluster Transformation of Homoleptic Gold(I) Thiolates between Catenane and Ring-in-Ring Structures. *Angewandte Chemie - International Edition*, **2019**, 58, 16297-16306 16.4 24
- 376 Chiral -iron(ii) complexes with metal- and ligand-centered chirality for highly regio- and enantioselective alkylation of N-heteroaromatics. *Chemical Science*, **2019**, 11, 684-693 9.4 15
- 375 Ruthenium porphyrin catalysed intermolecular amino-oxyarylation of alkenes to give primary amines via a ruthenium nitrido intermediate. *Chemical Communications*, **2019**, 56, 137-140 5.8 3
- 374 Anticancer auranofin engages 3-hydroxy-3-methylglutaryl-coenzyme A reductase (HMGCR) as a target. *Metallomics*, **2019**, 11, 1925-1936 4.5 7
- 373 High-Performance Deep-Red/Near-Infrared OLEDs with Tetradentate [Pt(O⁻N⁺C⁺N)] Emitters. *Advanced Optical Materials*, **2019**, 7, 1801452 8.1 24
- 372 Perfluoroalkyl Aziridines with Ruthenium Porphyrin Carbene Intermediates. *Organic Letters*, **2019**, 21, 85-89 6.2 15
- 371 Tandem Förster Resonance Energy Transfer Induced Luminescent Ratiometric Thermometry in Dye-Encapsulated Biological Metal-Organic Frameworks. *Advanced Optical Materials*, **2019**, 7, 1801149 8.1 45
- 370 A theoretical study on the oxidation of alkenes to aldehydes catalyzed by ruthenium porphyrins using O as the sole oxidant. *Dalton Transactions*, **2018**, 47, 5286-5297 4.3 5
- 369 Innenrücktitelbild: The Metal-Metal-to-Ligand Charge Transfer Excited State and Supramolecular Polymerization of Luminescent Pincer PdII/Isoocyanide Complexes (Angew. Chem. 12/2018). *Angewandte Chemie*, **2018**, 130, 3319-3319 3.6
- 368 Tunable Multicolor Phosphorescence of Crystalline Polymeric Complex Salts with Metallophilic Backbones. *Angewandte Chemie - International Edition*, **2018**, 57, 6279-6283 16.4 39
- 367 -Oxoruthenium complexes supported by chiral tetradentate amine (N) ligands for hydrocarbon oxidations. *Chemical Science*, **2018**, 9, 2803-2816 9.4 9
- 366 Cobalt(II) Porphyrin Catalyzed Cascade Reaction of Pyrrolyl Ketones for Construction of Polysubstituted Pyrrolizidines and Pyrrolizines. *Advanced Synthesis and Catalysis*, **2018**, 360, 1433-1438 5.6 12
- 365 Metal-organic framework composites with luminescent pincer platinum(ii) complexes: MMLCT emission and photoinduced dehydrogenation catalysis. *Chemical Science*, **2018**, 9, 2357-2364 9.4 27

364	Rh-Catalyzed Intermolecular C-H Arylation of Aromatics with Diazo Quinones. <i>Chemistry - A European Journal</i> , 2018 , 24, 4815-4819	4.8	22
363	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
362	The Metal-Metal-to-Ligand Charge Transfer Excited State and Supramolecular Polymerization of Luminescent Pincer Pd-Isocyanide Complexes. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 3089-3093	16.4	50
361	The Metal-Metal-to-Ligand Charge Transfer Excited State and Supramolecular Polymerization of Luminescent Pincer Pd-Isocyanide Complexes. <i>Angewandte Chemie</i> , 2018 , 130, 3143-3147	3.6	14
360	Synthesis of peri-Substituted (Naphthalen-1-yl)phosphine Ligands by Rhodium(I)-Catalyzed Phosphine-Directed C-H Arylation. <i>Organic Letters</i> , 2018 , 20, 1810-1814	6.2	30
359	Near-Infrared Phosphorescent Supramolecular Alkyl/Aryl-Iridium Porphyrin Assemblies by Axial Coordination. <i>Chemistry - A European Journal</i> , 2018 , 24, 14400-14408	4.8	8
358	N-Heterocyclic Carbene Iron(III) Porphyrin-Catalyzed Intramolecular C(sp ²)-H Amination of Alkyl Azides. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 11947-11951	16.4	75
357	N-Heterocyclic Carbene Iron(III) Porphyrin-Catalyzed Intramolecular C(sp ³)-H Amination of Alkyl Azides. <i>Angewandte Chemie</i> , 2018 , 130, 12123-12127	3.6	17
356	Iron Porphyrin Catalyzed Insertion Reaction of N-Tosylhydrazone-Derived Carbenes into X-H (X = Si, Sn, Ge) Bonds. <i>Organic Letters</i> , 2018 , 20, 4641-4644	6.2	22
355	Efficient white organic light-emitting diodes with double co-host emitting layers. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 9890-9896	7.1	5
354	Controlled cellular redox, repressive hemin utilization and adaptive stress responses are crucial to metronidazole tolerance of Porphyromonas gingivalis persists. <i>Journal of Clinical Periodontology</i> , 2018 , 45, 1211-1221	7.7	14
353	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
352	Asymmetric Chlorination of Cyclic β -Keto Esters and N-Boc Oxindoles Catalyzed by an Iron(III)-BPsalan Complex. <i>Synthesis</i> , 2018 , 50, 1105-1112	2.9	6
351	Visible-Light-Promoted Transition-Metal-Free Phosphinylation of Heteroaryl Halides in the Presence of Potassium tert-Butoxide. <i>Organic Letters</i> , 2018 , 20, 7816-7820	6.2	35
350	Counteranion- and Solvent-Mediated Chirality Transfer in the Supramolecular Polymerization of Luminescent Platinum(II) Complexes. <i>Angewandte Chemie</i> , 2018 , 130, 17435-17439	3.6	3
349	Counteranion- and Solvent-Mediated Chirality Transfer in the Supramolecular Polymerization of Luminescent Platinum(II) Complexes. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 17189-17193	16.4	30
348	Air-Stable Blue Phosphorescent Tetradentate Platinum(II) Complexes as Strong Photo-Reductant. <i>Angewandte Chemie</i> , 2018 , 130, 14325-14329	3.6	12
347	Air-Stable Blue Phosphorescent Tetradentate Platinum(II) Complexes as Strong Photo-Reductant. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 14129-14133	16.4	35

346	Shotgun Proteomics and Quantitative Pathway Analysis of the Mechanisms of Action of Dehydroeffusol, a Bioactive Phytochemical with Anticancer Activity from <i>Juncus effusus</i> . <i>Journal of Proteome Research</i> , 2018 , 17, 2470-2479	5.6	6
345	Arylruthenium(III) Porphyrin-Catalyzed C-H Oxidation and Epoxidation at Room Temperature and [Ru(Por)(O)(Ph)] Intermediate by Spectroscopic Analysis and Density Functional Theory Calculations. <i>Journal of the American Chemical Society</i> , 2018 , 140, 7032-7042	16.4	43
344	Wheel-to-rhomboid isomerization as well as nitrene transfer catalysis of ruthenium-thiolate wheels. <i>Chemical Communications</i> , 2017 , 53, 2419-2422	5.8	0
343	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	16.4	75
342	Efficient Color-Tunable Copper(I) Complexes and Their Applications in Solution-Processed Organic Light-Emitting Diodes. <i>Chemistry - an Asian Journal</i> , 2017 , 12, 1490-1498	4.5	37
341	Luminescent Cyclometalated Gold(III) Alkyl Complexes: Photophysical and Photochemical Properties. <i>Inorganic Chemistry</i> , 2017 , 56, 5046-5059	5.1	28
340	Cobalt-Porphyrin-Catalyzed Intramolecular Buchner Reaction and Arene Cyclopropanation of In Situ Generated Alkyl Diazomethanes. <i>Advanced Synthesis and Catalysis</i> , 2017 , 359, 2253-2258	5.6	20
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338	The interplay between fluorescence and phosphorescence with luminescent gold(i) and gold(iii) complexes bearing heterocyclic arylacetylide ligands. <i>Chemical Science</i> , 2017 , 8, 2352-2364	9.4	52
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