

Yungen Liu

List of Publications by Citations

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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.

45
papers

2,214
citations

25
h-index

47
g-index

59
ext. papers

2,541
ext. citations

8.2
avg, IF

5.08
L-index

#	Paper	IF	Citations
45	Gold(III) Salen complex-catalyzed synthesis of propargylamines via a three-component coupling reaction. <i>Organic Letters</i> , 2006 , 8, 1529-32	6.2	325
44	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, 7194-204	16.4	156
43	Graphite-supported gold nanoparticles as efficient catalyst for aerobic oxidation of benzylic amines to imines and N-substituted 1,2,3,4-tetrahydroisoquinolines to amides: synthetic applications and mechanistic study. <i>Chemistry - an Asian Journal</i> , 2009 , 4, 1551-61	4.5	156
42	A robust palladium(II)-porphyrin complex as catalyst for visible light induced oxidative C-H functionalization. <i>Chemistry - A European Journal</i> , 2013 , 19, 5654-64	4.8	155
41	[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. <i>Chemistry - A European Journal</i> , 2010 , 16, 10494-501	4.8	141
40	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
39	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
38	[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
37	Electron-deficient alkynes as cleavable reagents for the modification of cysteine-containing peptides in aqueous medium. <i>Chemistry - A European Journal</i> , 2009 , 15, 3839-50	4.8	86
36	Anticancer Gold(III) Porphyrins Target Mitochondrial Chaperone Hsp60. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 1387-91	16.4	84
35	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	16.4	75
34	Highly Enantioselective Iron-Catalyzed cis-Dihydroxylation of Alkenes with Hydrogen Peroxide Oxidant via an Fe(III) -OOH Reactive Intermediate. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 10253-7	16.4	74
33	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	58.5	56
32	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
31	Subcellular localization of a fluorescent artemisinin derivative to endoplasmic reticulum. <i>Organic Letters</i> , 2010 , 12, 1420-3	6.2	45
30	Practical manganese-catalysed highly enantioselective cis-dihydroxylation of electron-deficient alkenes and detection of a cis-dioxomanganese(V) intermediate by high resolution ESI-MS analysis. <i>Chemical Communications</i> , 2011 , 47, 11204-6	5.8	43
29	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

28	Synthesis and cytotoxicity studies of artemisinin derivatives containing lipophilic alkyl carbon chains. <i>Organic Letters</i> , 2005 , 7, 1561-4	6.2	41
27	Practical iron-catalyzed atom/group transfer and insertion reactions. <i>Pure and Applied Chemistry</i> , 2012 , 84, 1685-1704	2.1	38
26	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
25	Iron-catalyzed C-H amination and its application in organic synthesis. <i>Tetrahedron</i> , 2019 , 75, 130607	2.4	31
24	Silica-Supported Gold Nanoparticles Catalyzed One-Pot, Tandem Aerobic Oxidative Cyclization Reaction for Nitrogen-Containing Polyheterocyclic Compounds. <i>ChemCatChem</i> , 2011 , 3, 386-393	5.2	28
23	[Fe(F2O TPP)Cl]-catalyzed amination with arylamines and {[Fe(F2O TPP)(NAr)](PhI=NAr)} + . Intermediate assessed by high-resolution ESI-MS and DFT calculations. <i>Chemistry - an Asian Journal</i> , 2015 , 10, 100-5	4.5	26
22	[Fe(III)(TF4DMAP)OTf] catalysed anti-Markovnikov oxidation of terminal aryl alkenes to aldehydes and transformation of methyl aryl tertiary amines to formamides with H ₂ O ₂ as a terminal oxidant. <i>Chemical Communications</i> , 2014 , 50, 12669-72	5.8	26
21	Transition-metal-catalyzed group transfer reactions for selective C-H bond functionalization of artemisinin. <i>Organic Letters</i> , 2007 , 9, 4107-10	6.2	25
20	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
19	Stereoselective Synthesis of Multifunctionalized 1,2,4-Triazolidines by a Ruthenium Porphyrin-Catalyzed Three-Component Coupling Reaction. <i>Advanced Synthesis and Catalysis</i> , 2006 , 348, 2391-2396	5.6	17
18	Highly Enantioselective Iron-Catalyzed cis-Dihydroxylation of Alkenes with Hydrogen Peroxide Oxidant via an Fe(III)-OOH Reactive Intermediate. <i>Angewandte Chemie</i> , 2016 , 128, 10409-10413	3.6	16
17	Anticancer Gold(III) Porphyrins Target Mitochondrial Chaperone Hsp60. <i>Angewandte Chemie</i> , 2016 , 128, 1409-1413	3.6	15
16	Photoinduced Hydroarylation and Cyclization of Alkenes with Luminescent Platinum(II) Complexes. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 1383-1389	16.4	14
15	Identification of "sarsasapogenin-aglyconed" timosaponins as novel A β -lowering modulators of amyloid precursor protein processing. <i>Chemical Science</i> , 2016 , 7, 3206-3214	9.4	12
14	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
13	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
12	-Oxoruthenium complexes supported by chiral tetradentate amine (N) ligands for hydrocarbon oxidations. <i>Chemical Science</i> , 2018 , 9, 2803-2816	9.4	9
11	Iron-Catalyzed Nitrene Insertion Reaction for Facile Construction of Amide Compounds. <i>Synlett</i> , 2011 , 2011, 1174-1178	2.2	6

10	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
9	Photoinduced Hydroarylation and Cyclization of Alkenes with Luminescent Platinum(II) Complexes. <i>Angewandte Chemie</i> , 2021 , 133, 1403-1409	3.6	5
8	Intramolecular Nitrene Insertion into Saturated C-H-Bond-Mediated C-N Bond Cleavage of a Coordinated NHC Ligand. <i>Chemistry - A European Journal</i> , 2019 , 25, 10828-10833	4.8	3
7	Ruthenium porphyrin catalysed intermolecular amino-oxyarylation of alkenes to give primary amines via a ruthenium nitrido intermediate. <i>Chemical Communications</i> , 2019 , 56, 137-140	5.8	3
6	A soluble iron(II)-phthalocyanine-catalyzed intramolecular C(sp)-H amination with alkyl azides. <i>Chemical Communications</i> , 2021 , 57, 10711-10714	5.8	3
5	Ru -Acylimido Intermediate in [Ru (Por)Cl]-Catalyzed C-N Bond Formation: Spectroscopic Characterization, Reactivity, and Catalytic Reactions. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 18619-18629	16.4	2
4	Direct photo-induced reductive Heck cyclization of indoles for the efficient preparation of polycyclic indolanyl compounds. <i>Chemical Science</i> , 2021 , 12, 14050-14058	9.4	2
3	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
2	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
1	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	