

Yungen Liu

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3580013/yungen-liu-publications-by-year.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
44	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
43	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	
42	Photoinduced Hydroarylation and Cyclization of Alkenes with Luminescent Platinum(II) Complexes. <i>Angewandte Chemie</i> , 2021 , 133, 1403-1409	3.6	5
41	Photoinduced Hydroarylation and Cyclization of Alkenes with Luminescent Platinum(II) Complexes. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 1383-1389	16.4	14
40	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
39	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
38	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
37	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
36	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
35	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
34	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
33	Iron-catalyzed C-H amination and its application in organic synthesis. <i>Tetrahedron</i> , 2019 , 75, 130607	2.4	31
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	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
30	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
29	-Oxoruthenium complexes supported by chiral tetradentate amine (N) ligands for hydrocarbon oxidations. <i>Chemical Science</i> , 2018 , 9, 2803-2816	9.4	9

28	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
27	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
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	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
24	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
23	Anticancer Gold(III) Porphyrins Target Mitochondrial Chaperone Hsp60. <i>Angewandte Chemie</i> , 2016 , 128, 1409-1413	3.6	15
22	Anticancer Gold(III) Porphyrins Target Mitochondrial Chaperone Hsp60. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 1387-91	16.4	84
21	Identification of "sarsasapogenin-aglyconed" timosaponins as novel β -secretase modulators of amyloid precursor protein processing. <i>Chemical Science</i> , 2016 , 7, 3206-3214	9.4	12
20	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
19	[Fe(F20 TPP)Cl]-catalyzed amination with arylamines and [[Fe(F20 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
18	[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
17	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
16	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
15	Practical iron-catalyzed atom/group transfer and insertion reactions. <i>Pure and Applied Chemistry</i> , 2012 , 84, 1685-1704	2.1	38
14	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
13	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
12	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
11	Iron-Catalyzed Nitrene Insertion Reaction for Facile Construction of Amide Compounds. <i>Synlett</i> , 2011 , 2011, 1174-1178	2.2	6

10	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
9	[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
8	Subcellular localization of a fluorescent artemisinin derivative to endoplasmic reticulum. <i>Organic Letters</i> , 2010 , 12, 1420-3	6.2	45
7	[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
6	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
5	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
4	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
3	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
2	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
1	Synthesis and cytotoxicity studies of artemisinin derivatives containing lipophilic alkyl carbon chains. <i>Organic Letters</i> , 2005 , 7, 1561-4	6.2	41