

# Yuanhong Liu

## List of Publications by Citations

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93  
papers

3,789  
citations

36  
h-index

59  
g-index

96  
ext. papers

4,201  
ext. citations

6.1  
avg, IF

5.79  
L-index

#	Paper	IF	Citations
93	Gold-catalyzed multicomponent synthesis of aminoindolizines from aldehydes, amines, and alkynes under solvent-free conditions or in water. <i>Organic Letters</i> , <b>2007</b> , 9, 4323-6	6.2	265
92	Gold-catalyzed cyclization of (Z)-2-en-4-yn-1-ols: highly efficient synthesis of fully substituted dihydrofurans and furans. <i>Organic Letters</i> , <b>2005</b> , 7, 5409-12	6.2	249
91	Cleavage of a carbon-carbon triple bond via gold-catalyzed cascade cyclization/oxidative cleavage reactions of (Z)-enynols with molecular oxygen. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 11332-3	16.4	181
90	Electrophilic cyclization of 2-(1-alkynyl)-2-alken-1-ones using the I <sub>2</sub> /K <sub>3</sub> PO <sub>4</sub> system: an efficient synthesis of highly substituted iodofurans. <i>Organic Letters</i> , <b>2005</b> , 7, 4609-11	6.2	128
89	Highly efficient synthesis of functionalized indolizines and indolizinones by copper-catalyzed cycloisomerizations of propargylic pyridines. <i>Journal of Organic Chemistry</i> , <b>2007</b> , 72, 7783-6	4.2	122
88	Gold-Catalyzed Intermolecular Reactions of (Z)-Enynols with Indoles for the Construction of Dihydrocyclohepta[b]indole Skeletons through a Cascade Friedel-Crafts/Hydroarylation Sequence. <i>Advanced Synthesis and Catalysis</i> , <b>2009</b> , 351, 1517-1522	5.6	111
87	Gold-catalyzed highly efficient access to 3(2H)-furanones from 2-oxo-3-butynoates and related compounds. <i>Organic Letters</i> , <b>2006</b> , 8, 3445-8	6.2	111
86	An Efficient Domino Approach for the Synthesis of Multisubstituted Pyrroles via Gold/Silver-Catalyzed Amination/Cycloisomerization of (Z)-2-En-4-yn-1-ols. <i>Advanced Synthesis and Catalysis</i> , <b>2009</b> , 351, 129-134	5.6	96
85	Gold-catalyzed oxidative ring expansion of 2-alkynyl-1,2-dihydropyridines or -quinolines: highly efficient synthesis of functionalized azepine or benzazepine scaffolds. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 1200-4	16.4	88
84	General and direct synthesis of 3-aminoindolizines and their analogues via Pd/Cu-catalyzed sequential cross-coupling/cycloisomerization reactions. <i>Organic Letters</i> , <b>2007</b> , 9, 409-12	6.2	88
83	Gold-catalyzed cascade Friedel-Crafts/furan-alkyne cycloisomerizations for the highly efficient synthesis of arylated (Z)-enones or -enals. <i>Organic Letters</i> , <b>2009</b> , 11, 3838-41	6.2	83
82	Dioxazoles, a new mild nitrene transfer reagent in gold catalysis: highly efficient synthesis of functionalized oxazoles. <i>Chemical Communications</i> , <b>2016</b> , 52, 6324-7	5.8	82
81	Gold-catalyzed oxidative rearrangement involving 1,2-acyl migration: efficient synthesis of functionalized dihydro- $\beta$ -carboline from $\alpha$ -(2-indolyl) propargylic alcohols and imines. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 13302-6	16.4	81
80	Gold(I)-catalyzed 1,2-acyloxy migration/[3+2] cycloaddition of 1,6-diynes with an ynamide propargyl ester moiety: highly efficient synthesis of functionalized cyclopenta[b]indoles. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 1009-13	4.8	74
79	General and Mild Nickel-Catalyzed Cyanation of Aryl/Heteroaryl Chlorides with Zn(CN): Key Roles of DMAP. <i>Organic Letters</i> , <b>2017</b> , 19, 2118-2121	6.2	71
78	Gold-Catalyzed Cascade Friedel-Crafts/Furan-Yne Cyclization/Heteroenyne Metathesis for the Highly Efficient Construction of Phenanthrene Derivatives. <i>Advanced Synthesis and Catalysis</i> , <b>2011</b> , 353, 392-400	5.6	71
77	Synthesis of Multiple-Substituted Pyrroles via Gold(I)-Catalyzed Hydroamination/Cyclization Cascade. <i>Organic Letters</i> , <b>2015</b> , 17, 2984-7	6.2	68

76	One-pot synthesis of indole-fused scaffolds via gold-catalyzed tandem annulation reactions of 1,2-bis(alkynyl)-2-en-1-ones with indoles. <i>Journal of Organic Chemistry</i> , <b>2011</b> , 76, 9175-81	4.2	66
75	Gold-Catalyzed Formal [3 + 2] Cycloaddition of Ynamides with 4,5-Dihydro-1,2,4-oxadiazoles: Synthesis of Functionalized 4-Aminoimidazoles. <i>Organic Letters</i> , <b>2017</b> , 19, 3307-3310	6.2	65
74	Gold-catalyzed deacylative cycloisomerization reactions of 3-acylindole/yne: a new approach for carbazole synthesis. <i>Organic Letters</i> , <b>2011</b> , 13, 3786-9	6.2	62
73	Gold-catalyzed approach to multisubstituted fulvenes via cycloisomerization of furan/yne. <i>Journal of Organic Chemistry</i> , <b>2011</b> , 76, 5274-82	4.2	61
72	Synthesis of 2-Alkenylquinoline by Reductive Olefination of Quinoline N-Oxide under Metal-Free Conditions. <i>Organic Letters</i> , <b>2016</b> , 18, 1796-9	6.2	58
71	Gold-Catalyzed Cadiot-Chodkiewicz-type Cross-Coupling of Terminal Alkynes with Alkynyl Hypervalent Iodine Reagents: Highly Selective Synthesis of Unsymmetrical 1,3-Diynes. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 6994-6998	16.4	56
70	Nickel-Catalyzed Highly Regioselective Hydrocyanation of Terminal Alkynes with Zn(CN) Using Water as the Hydrogen Source. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 7385-7389	16.4	54
69	Gold-catalyzed cyclization of 1,6-diyne-4-en-3-ols: stannyl transfer from 2-tributylstannylfuran through Au/Sn transmetalation. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 6181-6	16.4	53
68	Nickel-catalyzed cyclization of alkyne-nitriles with organoboronic acids involving $\sigma$ -carbometalation of alkynes. <i>Chemical Science</i> , <b>2016</b> , 7, 5815-5820	9.4	53
67	Synthesis of $\beta$ - and $\gamma$ -Carbolines via Nickel-Catalyzed [2 + 2 + 2] Cycloaddition of Functionalized Alkyne-Nitriles with Alkynes. <i>Organic Letters</i> , <b>2017</b> , 19, 110-113	6.2	52
66	A facile Zr-mediated approach to (Z)-enynols and its application to regio- and stereoselective synthesis of fully substituted dihydrofurans. <i>Journal of Organic Chemistry</i> , <b>2005</b> , 70, 6999-7002	4.2	50
65	Palladium-catalyzed highly efficient synthesis of functionalized indolizines via cross-coupling/cycloisomerization cascade. <i>Chemical Communications</i> , <b>2015</b> , 51, 6633-6	5.8	45
64	Gold-Catalyzed Synthesis of Tropone and Its Analogues via Oxidative Ring Expansion of Alkynyl Quinols. <i>Organic Letters</i> , <b>2015</b> , 17, 5926-9	6.2	43
63	Highly regio- and stereoselective synthesis of tetrasubstituted cyclobutenes via cyclodimerization of alkynes mediated by zirconium. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 3662-3	16.4	43
62	Gold(I)-Catalyzed Cascade Hydroarylation/Cycloaromatization to Indolizines via Pyridine Ring Construction. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 3688-99	4.2	41
61	Gold(I)-Catalyzed Formal Intramolecular Dehydro-Diels-Alder Reaction of Ynamide-yne: Synthesis of Functionalized Benzo[ b ]carbazoles. <i>Organic Letters</i> , <b>2018</b> , 20, 3273-3277	6.2	40
60	Silver-catalyzed cascade cyclization-stannylation of o-alkynylaniline derivatives with 2-tributylstannylfuran: an efficient synthesis of (3-indolyl)stannanes. <i>Chemical Communications</i> , <b>2013</b> , 49, 11794-6	5.8	39
59	Gold(I)-catalyzed furan-yne cyclizations involving 1,2-rearrangement: efficient synthesis of functionalized 1-naphthols and its application to the synthesis of wailupemycin G. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 12015-9	4.8	39

58	Gold-catalyzed furan/yne cyclizations for the regiodefined assembly of multisubstituted protected 1-naphthols. <i>Journal of Organic Chemistry</i> , <b>2012</b> , 77, 1915-21	4.2	39
57	Gold-Catalyzed Oxidative Rearrangement Involving 1,2-Acyl Migration: Efficient Synthesis of Functionalized Dihydro- $\beta$ -Carbolines from $\beta$ -(2-Indolyl) Propargylic Alcohols and Imines. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 13544-13548	3.6	34
56	Selective [5 + 1] and [5 + 2] Cycloaddition of Ynamides or Propargyl Esters with Benzo[ d]isoxazoles via Gold Catalysis. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 15470-15485	4.2	34
55	Gold-Catalyzed Oxidative Cyclizations of { <i>o</i> -(Alkynyl)phenyl propargyl} Silyl Ether Derivatives Involving 1,2-Enynyl Migration: Synthesis of Functionalized 1 H-Isochromenes and 2 H-Pyrans. <i>Organic Letters</i> , <b>2018</b> , 20, 5461-5465	6.2	30
54	Gold-Catalyzed Cascade Cyclizations of 1,6-Diynyl Carbonates to Benzo[b]fluorenes Involving Arylation of Oxocarbenium Ion Intermediates and Decarboxylative Etherification. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 6599-6603	3.6	30
53	Improved synthesis of aryl-substituted anthracenes and heteroacenes. <i>Journal of Organic Chemistry</i> , <b>2007</b> , 72, 9830-3	4.2	29
52	New zirconium-mediated approach toward regio- and stereocontrolled synthesis of trans-enediynes. <i>Organic Letters</i> , <b>2006</b> , 8, 309-11	6.2	28
51	Gold-catalyzed cascade cycloisomerization of 1,7-diyn-3,6-bis(propargyl carbonate)s: stereoselective synthesis of naphtho[b]cyclobutenes. <i>Chemical Communications</i> , <b>2013</b> , 49, 8650-2	5.8	26
50	Copper-Catalyzed Borylative Cyclization of in Situ Generated <i>o</i> -Allenylaryl Nitriles with Bis(pinacolato)diboron. <i>Organic Letters</i> , <b>2017</b> , 19, 3398-3401	6.2	26
49	Highly Efficient Brønsted Acid-Catalyzed Cycloisomerizations of Alkynes Bearing Bis(acetoxy) Groups to Indenyl Ketones. <i>Advanced Synthesis and Catalysis</i> , <b>2008</b> , 350, 797-801	5.6	26
48	Highly stereoselective synthesis of TMS-, alkyl-, or aryl-substituted cis-[3]cumulenols via alpha-alkynylated zirconacyclopentenes. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 4163-7	16.4	26
47	Gold-catalyzed cascade reactions of furan-ynes with external nucleophiles consisting of a 1,2-rearrangement: straightforward synthesis of multi-substituted benzo[b]furans. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 7514-9	4.8	25
46	Nickel-Catalyzed Cyanation of Phenol Derivatives with Zn(CN) Involving C-O Bond Cleavage. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 14036-14048	4.2	25
45	Ligand-Effect in Gold(I)-Catalyzed Rautenstrauch Rearrangement: Regio- and Stereoselective Synthesis of Bicyclo[3.2.1]octa-3,6-dienes through Cyclodimerization of 1-Ethynyl-2-propenyl Esters. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 1287-1297	4.2	24
44	Gold-Catalyzed Oxidative Ring Expansion of 2-Alkynyl-1,2-Dihydropyridines or -quinolines: Highly Efficient Synthesis of Functionalized Azepine or Benzazepine Scaffolds. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 1216-1220	3.6	24
43	Benzofurazan -Oxides as Mild Reagents for the Generation of $\beta$ mino Gold Carbenes: Synthesis of Functionalized 7-Nitroindoles. <i>Organic Letters</i> , <b>2019</b> , 21, 7613-7618	6.2	23
42	Nickel-Catalyzed [2+2+2] Cycloaddition of Alkyne-Nitriles with Alkynes Assisted by Lewis Acids: Efficient Synthesis of Fused Pyridines. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 16765-16769	4.8	23
41	Gold-Catalyzed Ring Expansion of Alkynyl Heterocycles through 1,2-Migration of an Endocyclic Carbon-Heteroatom Bond. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 18571-5	4.8	23

40	Gold(I)-catalyzed 1,4- and/or 1,5-heteroaryl migration reactions through regiocontrolled cyclizations. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 559-64	4.8	22
39	Titanium-mediated cross-coupling reactions of 1,3-butadiynes with $\beta$ -iminonitriles to 3-aminopyrroles: observation of an imino aza-Nazarov cyclization. <i>Organic Chemistry Frontiers</i> , <b>2014</b> , 1, 940-946	5.2	22
38	Gold-Catalyzed Cyclization of 1,6-Diyne-4-en-3-ols: Stannyl Transfer from 2-Tributylstannylfuran Through Au/Sn Transmetalation. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 6285-6290	3.6	22
37	Ligandless nickel-catalyzed transfer hydrogenation of alkenes and alkynes using water as the hydrogen donor. <i>Organic Chemistry Frontiers</i> , <b>2019</b> , 6, 2619-2623	5.2	21
36	Gold-catalyzed cyclization of 1,6-diyne dithioacetals via 1,7-carbene transfer and aromatic C-H functionalization. <i>Chemical Communications</i> , <b>2016</b> , 52, 11000-3	5.8	20
35	Nickel-Catalyzed Cyanation of Unactivated Alkyl Chlorides or Bromides with Zn(CN). <i>Organic Letters</i> , <b>2018</b> , 20, 7735-7739	6.2	20
34	Gold-Catalyzed Cadiot-Chodkiewicz-type Cross-Coupling of Terminal Alkynes with Alkynyl Hypervalent Iodine Reagents: Highly Selective Synthesis of Unsymmetrical 1,3-Diynes. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 7098-7102	3.6	19
33	Dehalogenative Deuteration of Unactivated Alkyl Halides Using DO as the Deuterium Source. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 13841-13857	4.2	17
32	Nickel-catalyzed highly regioselective hydrocyanation of alkenes with Zn(CN) <sub>2</sub> . <i>Organic Chemistry Frontiers</i> , <b>2019</b> , 6, 2037-2042	5.2	17
31	Cp <sub>2</sub> TiCl <sub>2</sub> -catalyzed cis-hydroalumination of propargylic amines with Red-Al: stereoselective synthesis of Z-configured allylic amines. <i>Chemical Communications</i> , <b>2015</b> , 51, 6426-9	5.8	17
30	Gold-Catalyzed Cyclization of Furan-Ynes bearing a Propargyl Carbonate Group: Intramolecular Diels-Alder Reaction with In Situ Generated Allenes. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 14175-80	4.8	16
29	Copper-Catalyzed Borylative Cyclization of o-(Cyano)phenyl Propargyl Carbonates: Synthesis of Functionalized 1-Naphthylamines. <i>Organic Letters</i> , <b>2018</b> , 20, 3661-3665	6.2	16
28	Synthesis of functionalized indolizines via gold(i)-catalyzed intramolecular hydroarylation/aromatization of pyrrole-ynes. <i>Organic and Biomolecular Chemistry</i> , <b>2017</b> , 15, 8119-8133	3.9	16
27	Regio- and Stereoselective Coupling of Heteroaryl-Substituted Alkynes: New Insights into the Mechanism of Zirconium-Mediated Cyclodimerization of Alkynes and a Facile Route to 3-Methylenecyclobutenes. <i>Organometallics</i> , <b>2006</b> , 25, 5035-5044	3.8	16
26	Cyano-Schmittel Cyclization through Base-Induced Propargyl-Allenyl Isomerization: Highly Modular Synthesis of Pyridine-Fused Aromatic Derivatives. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 18699-705	4.8	15
25	Palladium-catalyzed highly efficient synthesis of tetracenes and pentacenes. <i>Chemical Communications</i> , <b>2012</b> , 48, 12189-91	5.8	15
24	Base-Catalyzed Cyclization of 1,6-Diyne Carboxylates Involving Propargyl-Allenyl Isomerization: Efficient Synthesis of Benzo[b]fluorene and Its Analogues. <i>Advanced Synthesis and Catalysis</i> , <b>2017</b> , 359, 1394-1401	5.6	12
23	Stereoselective synthesis of enynones via base-catalyzed isomerization of 1,5-disubstituted-2,4-pentadiynyl silyl ethers or their alcohol derivatives. <i>Organic and Biomolecular Chemistry</i> , <b>2010</b> , 8, 4806-10	3.9	12

22	Copper-Catalyzed ortho-Functionalization of Quinoline N-Oxides with Vinyl Arenes. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 18975-18979	16.4	11
21	Nickel-Catalyzed Direct Coupling of Allylic Alcohols with Organoboron Reagents. <i>Chinese Journal of Chemistry</i> , <b>2018</b> , 36, 916-920	4.9	11
20	Nickel-Catalyzed Homo- and Cross-Coupling of Allyl Alcohols via Allyl Boronates. <i>Organic Letters</i> , <b>2020</b> , 22, 4418-4423	6.2	8
19	Unusual Regioselectivity in the Aldehyde Addition Reactions of Allenyl/Propargyl Zirconium Complexes Derived from $\eta^2$ (2-Pyridyl)propargyl Ethers: Synthesis of Multisubstituted $\beta$ -Hydroxyallenes. <i>Organometallics</i> , <b>2013</b> , 32, 1636-1642	3.8	7
18	Ligand-Controlled Regiodivergent Silylation of Allylic Alcohols by Ni/Cu Catalysis for the Synthesis of Functionalized Allylsilanes. <i>Organic Letters</i> , <b>2019</b> , 21, 9652-9657	6.2	7
17	Reactions of Zirconocene- $\eta^2$ -Aza-1,3-diene Complexes with Acyl Cyanides: Substrate-Dependent Synthesis of Acyl- or Non-Acyl-Substituted Pyrroles. <i>Organometallics</i> , <b>2015</b> , 34, 5597-5601	3.8	6
16	Insertion of Nitriles into Zirconocene 1-aza-1,3-diene Complexes: Chemoselective Synthesis of $NH$ and N-Substituted Pyrroles. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 11780-11783	3.6	6
15	Nickel-Catalyzed Cross-Coupling of Aryl Pivalates with Cyclobutanols Involving $C-D$ and $C-H$ Bond Cleavage. <i>Chinese Journal of Chemistry</i> , <b>2020</b> , 38, 1686-1690	4.9	5
14	Nickel-Catalyzed $\beta$ -Regioselective Amination/Cyclization of Ynamide-Nitriles with Amines: Synthesis of Functionalized 3-Aminoindoles and 4-Aminoisoquinolines. <i>Organic Letters</i> , <b>2021</b> , 23, 1296-1301	6.2	4
13	Gold-Catalyzed Spirocyclization of Furan-ynones and Unexpected Skeleton Rearrangement of the Resulting Spirohydrofurans. <i>Organic Letters</i> , <b>2021</b> , 23, 1090-1095	6.2	4
12	Zirconium-mediated multicomponent reactions of 1,3-butadiynes with ylidenemalononitriles to form functionalized 1,8-naphthyridine and cyclopenta[b]pyridine derivatives. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 1420-4	4.8	3
11	Nickel-Catalyzed Cyanation of Unactivated Alkyl Sulfonates with $Zn(CN)_2$ . <i>Organic Letters</i> , <b>2020</b> , 22, 7842-7847	6.8	3
10	Gold/Lewis acid catalyzed oxidative cyclization involving activation of nitriles. <i>Chemical Communications</i> , <b>2020</b> , 56, 15581-15584	5.8	3
9	PBr <sub>3</sub> -Mediated Cyclization of 1,7-Diyn-3,6-bis(propargyl carbonate)s: Synthesis of 5-Bromotetracenes. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 10051-10061	4.2	2
8	Gold-Catalyzed Ring Expansion Reaction: Highly Efficient Synthesis of Functionalized 2,3-Benzodiazepine Scaffolds. <i>Chinese Journal of Organic Chemistry</i> , <b>2018</b> , 38, 190	3	2
7	Nickel-Catalyzed C(sp <sup>3</sup> )-H Functionalization of Benzyl Nitriles: Direct Michael Addition to Terminal Vinyl Ketones. <i>Organic Letters</i> , <b>2021</b> , 23, 6004-6009	6.2	2
6	Gold-Catalyzed Oxidative Cyclization Involving Nucleophilic Attack to the Keto Group of $\beta$ -Dioxo Gold Carbene and 1,2-Alkynyl Migration: Synthesis of Furan-3-carboxylates. <i>Organic Letters</i> , <b>2021</b> , 23, 6813-6818	6.2	2
5	Synthesis of phospholes and 1,1'-biphospholes mediated by zirconacyclopentadienes and PBr <sub>3</sub> . <i>Tetrahedron Letters</i> , <b>2020</b> , 61, 151388	2	1

4	Cascade Skeletal Rearrangement of Gold Carbene Intermediates: Synthesis of Medium-Sized Pyrimidine-Fused Benzolactones. <i>Advanced Synthesis and Catalysis</i> , <b>2021</b> , 363, 3769-3774	5.6	1
3	Copper-Catalyzed ortho-Functionalization of Quinoline N-Oxides with Vinyl Arenes. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 19137-19141	3.6	0
2	Gold-Catalyzed Oxidation Reactions: Oxidation of Alkenes <b>2012</b> , 263-272		0
1	Synthesis of -Diamino-Functionalized 1-Arylnaphthalenes through Nickel-Catalyzed Cyclization of Ynamide-Benzyl nitriles with Organoboronic Acids. <i>Organic Letters</i> , <b>2021</b> , 23, 7949-7954	6.2	0