

# Yuanhong Liu

## List of Publications by Year in descending order

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90  
papers

4,471  
citations

94269

37  
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114278

63  
g-index

96  
all docs

96  
docs citations

96  
times ranked

3240  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gold-Catalyzed Multicomponent Synthesis of Aminoindolizines from Aldehydes, Amines, and Alkynes under Solvent-Free Conditions or in Water. <i>Organic Letters</i> , 2007, 9, 4323-4326.	2.4	287
2	Gold-Catalyzed Cyclization of (Z)-2-En-4-yn-1-ols: Highly Efficient Synthesis of Fully Substituted Dihydrofurans and Furans. <i>Organic Letters</i> , 2005, 7, 5409-5412.	2.4	267
3	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> , 2006, 128, 11332-11333.	6.6	193
4	Highly Efficient Synthesis of Functionalized Indolizines and Indolizinones by Copper-Catalyzed Cycloisomerizations of Propargylic Pyridines. <i>Journal of Organic Chemistry</i> , 2007, 72, 7783-7786.	1.7	134
5	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> , 2005, 7, 4609-4611.	2.4	132
6	Gold-Catalyzed Highly Efficient Access to 3(2H)-Furanones from 2-Oxo-3-butynoates and Related Compounds. <i>Organic Letters</i> , 2006, 8, 3445-3448.	2.4	123
7	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> , 2009, 351, 1517-1522.	2.1	118
8	Gold-Catalyzed Oxidative Ring Expansion of 2-Alkynyl-4,2-Dihydropyridines or Quinolines: Highly Efficient Synthesis of Functionalized Azepine or Benzazepine Scaffolds. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1200-1204.	7.2	102
9	Dioxazoles, a new mild nitrene transfer reagent in gold catalysis: highly efficient synthesis of functionalized oxazoles. <i>Chemical Communications</i> , 2016, 52, 6324-6327.	2.2	99
10	An Efficient Domino Approach for the Synthesis of Multisubstituted Pyrroles via Gold/Silver-Catalyzed Amination/Cycloisomerization of (Z)-Enynols. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 129-134.	2.1	98
11	General and Direct Synthesis of 3-Aminoindolizines and Their Analogues via Pd/Cu-Catalyzed Sequential Cross-Coupling/Cycloisomerization Reactions. <i>Organic Letters</i> , 2007, 9, 409-412.	2.4	96
12	Gold-Catalyzed Cascade Friedel-Crafts/Furan-Alkyne Cycloisomerizations for the Highly Efficient Synthesis of Arylated (Z)-Enones or -Enals. <i>Organic Letters</i> , 2009, 11, 3838-3841.	2.4	90
13	General and Mild Nickel-Catalyzed Cyanation of Aryl/Heteroaryl Chlorides with Zn(CN) <sub>2</sub> : Key Roles of DMAP. <i>Organic Letters</i> , 2017, 19, 2118-2121.	2.4	90
14	Gold-Catalyzed Oxidative Rearrangement Involving 1,2-Acyl Migration: Efficient Synthesis of Functionalized Dihydrocarbolines from 1-(2-Indolyl) Propargylic Alcohols and Imines. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13302-13306.	7.2	87
15	Synthesis of Multiple-Substituted Pyrroles via Gold(I)-Catalyzed Hydroamination/Cyclization Cascade. <i>Organic Letters</i> , 2015, 17, 2984-2987.	2.4	85
16	Nickel-catalyzed cyclization of alkyne-nitriles with organoboronic acids involving anti-carbometalation of alkynes. <i>Chemical Science</i> , 2016, 7, 5815-5820.	3.7	80
17	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> , 2017, 56, 6994-6998.	7.2	80
18	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> , 2015, 21, 1009-1013.	1.7	79

#	ARTICLE	IF	CITATIONS
19	Nickel-Catalyzed Highly Regioselective Hydrocyanation of Terminal Alkynes with Zn(CN) <sub>2</sub> Using Water as the Hydrogen Source. <i>Journal of the American Chemical Society</i> , 2018, 140, 7385-7389.	6.6	76
20	Gold-Catalyzed Cascade Friedel-Crafts/Furan-Yne Cyclization/Heteroenyne Metathesis for the Highly Efficient Construction of Phenanthrene Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 392-400.	2.1	75
21	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> , 2011, 76, 9175-9181.	1.7	74
22	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> , 2017, 19, 3307-3310.	2.4	74
23	Gold-Catalyzed Deacylative Cycloisomerization Reactions of 3-Acylindole/yne: A New Approach for Carbazole Synthesis. <i>Organic Letters</i> , 2011, 13, 3786-3789.	2.4	68
24	Synthesis of 2-Alkenylquinoline by Reductive Olefination of Quinoline N-Oxide under Metal-Free Conditions. <i>Organic Letters</i> , 2016, 18, 1796-1799.	2.4	68
25	Gold-Catalyzed Approach to Multisubstituted Fulvenes via Cycloisomerization of Furan/Yne. <i>Journal of Organic Chemistry</i> , 2011, 76, 5274-5282.	1.7	66
26	Synthesis of $\hat{\gamma}$ - and $\hat{\delta}$ -Carbolines via Nickel-Catalyzed [2 + 2 + 2] Cycloaddition of Functionalized Alkyne-Nitriles with Alkynes. <i>Organic Letters</i> , 2017, 19, 110-113.	2.4	63
27	Gold-Catalyzed Cyclization of 1,6-Diynyl-4-En-3-ols: Stannylation from 2-Tributylstannylfuran Through Au/Sn Transmetalation. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6181-6186.	7.2	62
28	Gold-Catalyzed Synthesis of Tropone and Its Analogues via Oxidative Ring Expansion of Alkynyl Quinols. <i>Organic Letters</i> , 2015, 17, 5926-5929.	2.4	53
29	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> , 2005, 70, 6999-7002.	1.7	52
30	Gold(I)-Catalyzed Cascade Hydroarylation/Cycloaromatization to Indolizines via Pyridine Ring Construction. <i>Journal of Organic Chemistry</i> , 2016, 81, 3688-3699.	1.7	50
31	Highly Regio- and Stereoselective Synthesis of Tetrasubstituted Cyclobutenes via Cyclodimerization of Alkynes Mediated by Zirconium. <i>Journal of the American Chemical Society</i> , 2005, 127, 3662-3663.	6.6	48
32	Silver-catalyzed cascade cyclization-stannylation of o-alkynylaniline derivatives with 2-tributylstannylfuran: an efficient synthesis of (3-indolyl)stannanes. <i>Chemical Communications</i> , 2013, 49, 11794.	2.2	48
33	Palladium-catalyzed highly efficient synthesis of functionalized indolizines via cross-coupling/cycloisomerization cascade. <i>Chemical Communications</i> , 2015, 51, 6633-6636.	2.2	48
34	Gold(I)-Catalyzed Formal Intramolecular Dehydro-Diels-Alder Reaction of Ynamide-yne: Synthesis of Functionalized Benzo[b]carbazoles. <i>Organic Letters</i> , 2018, 20, 3273-3277.	2.4	48
35	Gold-Catalyzed Furan/Yne Cyclizations for the Regiodefined Assembly of Multisubstituted Protected 1-Naphthols. <i>Journal of Organic Chemistry</i> , 2012, 77, 1915-1921.	1.7	45
36	Selective [5 + 1] and [5 + 2] Cycloaddition of Ynamides or Propargyl Esters with Benzo[ <i>c</i> ]isoxazoles via Gold Catalysis. <i>Journal of Organic Chemistry</i> , 2018, 83, 15470-15485.	1.7	43

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37	Gold(I)-Catalyzed Furan-ene Cyclizations Involving 1,2-Rearrangement: Efficient Synthesis of Functionalized 1-Naphthols and Its Application to the Synthesis of Wailupemycin...G. Chemistry - A European Journal, 2014, 20, 12015-12019.	1.7	42
38	Nickel-Catalyzed Cyanation of Phenol Derivatives with Zn(CN) <sub>2</sub> Involving C=O Bond Cleavage. Journal of Organic Chemistry, 2018, 83, 14036-14048.	1.7	41
39	Gold-Catalyzed Oxidative Cyclizations of {o-(Alkynyl)phenyl propargyl} Silyl Ether Derivatives Involving 1,2-Enynyl Migration: Synthesis of Functionalized 1H-Isochromenes and 2H-Pyrans. Organic Letters, 2018, 20, 5461-5465.	2.4	35
40	Ligandless nickel-catalyzed transfer hydrogenation of alkenes and alkynes using water as the hydrogen donor. Organic Chemistry Frontiers, 2019, 6, 2619-2623.	2.3	35
41	Copper-Catalyzed Borylative Cyclization of in Situ Generated <i>o</i> -Allenylaryl Nitriles with Bis(pinacolato)diboron. Organic Letters, 2017, 19, 3398-3401.	2.4	34
42	Gold-Catalyzed Ring Expansion of Alkynyl Heterocycles through 1,2-Migration of an Endocyclic Carbon-Heteroatom Bond. Chemistry - A European Journal, 2015, 21, 18571-18575.	1.7	32
43	Nickel-Catalyzed [2+2+2] Cycloaddition of Alkyne-Nitriles with Alkynes Assisted by Lewis Acids: Efficient Synthesis of Fused Pyridines. Chemistry - A European Journal, 2016, 22, 16765-16769.	1.7	32
44	Benzofurazan <i>N</i> -Oxides as Mild Reagents for the Generation of $\hat{\text{I}}$ -Imino Gold Carbenes: Synthesis of Functionalized 7-Nitroindoles. Organic Letters, 2019, 21, 7613-7618.	2.4	32
45	Improved Synthesis of Aryl-Substituted Anthracenes and Heteroacenes. Journal of Organic Chemistry, 2007, 72, 9830-9833.	1.7	30
46	New Zirconium-Mediated Approach Toward Regio- and Stereocontrolled Synthesis of <i>trans</i> -Enediyne. Organic Letters, 2006, 8, 309-311.	2.4	29
47	Highly Efficient Brønsted Acid-Catalyzed Cycloisomerizations of Alkynes Bearing Bis(acetoxy) Groups to Indenyl Ketones. Advanced Synthesis and Catalysis, 2008, 350, 797-801.	2.1	29
48	Gold-catalyzed cascade cycloisomerization of 1,7-diyn-3,6-bis(propargyl carbonate)s: stereoselective synthesis of naphtho[b]cyclobutenes. Chemical Communications, 2013, 49, 8650.	2.2	29
49	Highly Stereoselective Synthesis of TMS-, Alkyl-, or Aryl-Substituted <i>cis</i> -[3]Cumulenols via $\hat{\text{I}}$ -Alkynylated Zirconacyclopentenes. Angewandte Chemie - International Edition, 2006, 45, 4163-4167.	7.2	27
50	Gold-Catalyzed Cascade Reactions of Furan-ynes with External Nucleophiles Consisting of a 1,2-Rearrangement: Straightforward Synthesis of Multi-Substituted Benzo[b]furans. Chemistry - A European Journal, 2014, 20, 7514-7519.	1.7	27
51	Titanium-mediated cross-coupling reactions of 1,3-butadiynes with $\hat{\text{I}}$ -iminonitriles to 3-aminopyrroles: observation of an imino aza-Nazarov cyclization. Organic Chemistry Frontiers, 2014, 1, 940-946.	2.3	27
52	Nickel-Catalyzed Cyanation of Unactivated Alkyl Chlorides or Bromides with Zn(CN) <sub>2</sub> . Organic Letters, 2018, 20, 7735-7739.	2.4	27
53	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. Journal of Organic Chemistry, 2018, 83, 1287-1297.	1.7	26
54	Dehalogenative Deuteration of Unactivated Alkyl Halides Using D <sub>2</sub> O as the Deuterium Source. Journal of Organic Chemistry, 2019, 84, 13841-13857.	1.7	26

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55	Ligand-Controlled Regiodivergent Silylation of Allylic Alcohols by Ni/Cu Catalysis for the Synthesis of Functionalized Allylsilanes. <i>Organic Letters</i> , 2019, 21, 9652-9657.	2.4	26
56	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> , 2017, 129, 7098-7102.	1.6	24
57	Nickel-catalyzed highly regioselective hydrocyanation of alkenes with $Zn(CN)_2$ . <i>Organic Chemistry Frontiers</i> , 2019, 6, 2037-2042.	2.3	24
58	$Cp_2TiCl_2$ -catalyzed cis-hydroalumination of propargylic amines with Red-Al: stereoselective synthesis of Z-configured allylic amines. <i>Chemical Communications</i> , 2015, 51, 6426-6429.	2.2	23
59	Gold(I)-Catalyzed 1,4- and/or 1,5-Heteroaryl Migration Reactions through Regiocontrolled Cyclizations. <i>Chemistry - A European Journal</i> , 2015, 21, 559-564.	1.7	23
60	Gold-catalyzed cyclization of 1,6-diynyl dithioacetals via 1,7-carbene transfer and aromatic C-H functionalization. <i>Chemical Communications</i> , 2016, 52, 11000-11003.	2.2	23
61	Nickel-Catalyzed Direct Coupling of Allylic Alcohols with Organoboron Reagents. <i>Chinese Journal of Chemistry</i> , 2018, 36, 916-920.	2.6	22
62	Copper-Catalyzed Borylative Cyclization of <i>o</i> -(Cyano)phenyl Propargyl Carbonates: Synthesis of Functionalized 1-Naphthylamines. <i>Organic Letters</i> , 2018, 20, 3661-3665.	2.4	22
63	Synthesis of functionalized indolizines via gold( $\lambda$ )-catalyzed intramolecular hydroarylation/aromatization of pyrrole-ynes. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 8119-8133.	1.5	21
64	Nickel-Catalyzed Homo- and Cross-Coupling of Allyl Alcohols via Allyl Boronates. <i>Organic Letters</i> , 2020, 22, 4418-4423.	2.4	21
65	Copper-Catalyzed ortho-Functionalization of Quinoline N-Oxides with Vinyl Arenes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 18975-18979.	7.2	19
66	Palladium-catalyzed highly efficient synthesis of tetracenes and pentacenes. <i>Chemical Communications</i> , 2012, 48, 12189.	2.2	18
67	Cyano-Schmittel Cyclization through Base-Induced Propargyl-Allenyl Isomerization: Highly Modular Synthesis of Pyridine-Fused Aromatic Derivatives. <i>Chemistry - A European Journal</i> , 2015, 21, 18699-18705.	1.7	18
68	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> , 2016, 22, 14175-14180.	1.7	18
69	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> , 2006, 25, 5035-5044.	1.1	17
70	Base-Catalyzed Cyclization of 1,6-Diynyl Carboxylates Involving Propargyl-Allenyl Isomerization: Efficient Synthesis of Benzo[ <i>b</i> ]fluorene and Its Analogues. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1394-1401.	2.1	16
71	Gold-Catalyzed Oxidative Cyclization Involving Nucleophilic Attack to the Keto Group of $\lambda$ -Dioxo Gold Carbene and 1,2-Alkynyl Migration: Synthesis of Furan-3-carboxylates. <i>Organic Letters</i> , 2021, 23, 6813-6818.	2.4	15
72	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> , 2010, 8, 4806.	1.5	14

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73	Nickel-Catalyzed C(sp <sup>3</sup> )â€”H Functionalization of Benzyl Nitriles: Direct Michael Addition to Terminal Vinyl Ketones. <i>Organic Letters</i> , 2021, 23, 6004-6009.	2.4	11
74	Unusual Regioselectivity in the Aldehyde Addition Reactions of Allenyl/Propargyl Zirconium Complexes Derived from Î³-(2-Pyridyl)propargyl Ethers: Synthesis of Multisubstituted Î±-Hydroxyallenes. <i>Organometallics</i> , 2013, 32, 1636-1642.	1.1	10
75	Gold/Lewis acid catalyzed oxidative cyclization involving activation of nitriles. <i>Chemical Communications</i> , 2020, 56, 15581-15584.	2.2	10
76	Nickel-Catalyzed Î²-Regioselective Amination/Cyclization of Ynamide-Nitriles with Amines: Synthesis of Functionalized 3-Aminoindoles and 4-Aminoisoquinolines. <i>Organic Letters</i> , 2021, 23, 1296-1301.	2.4	10
77	Nickel-Catalyzed Cyanation of Unactivated Alkyl Sulfonates with Zn(CN) <sub>2</sub> . <i>Organic Letters</i> , 2020, 22, 7842-7847.	2.4	9
78	Gold-Catalyzed Spirocyclization of Furan-ynones and Unexpected Skeleton Rearrangement of the Resulting Spirohydrofurans. <i>Organic Letters</i> , 2021, 23, 1090-1095.	2.4	9
79	Gold(III) or Gold(I)/Lewis-Acid-Catalyzed Substitution/Cyclization/1,2-Migration Reactions of Propargyl Alcohols with 3-Amino-benzo[ <i>c</i> ]isoxazoles: Synthesis of Pyrimidine Derivatives. <i>Organic Letters</i> , 2022, , .	2.4	9
80	Gold-Catalyzed Cyclization of Ynones Involving cis-Hydrofunctionalizations: Rapid Assembly of C-, O-, or S-Functionalized Pyrroles by a Single Methodology. <i>Organic Letters</i> , 2022, , .	2.4	8
81	Copper-catalyzed <i>ortho</i> -alkenylation of quinoline <i>N</i> -oxides with alkynes. <i>Organic Chemistry Frontiers</i> , 2022, 9, 2198-2203.	2.3	8
82	Cascade Skeletal Rearrangement of Gold Carbene Intermediates: Synthesis of Medium-Sized Pyrimidine-Fused Benzolactones. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 3769-3774.	2.1	7
83	Reactions of Zirconocene-1-Aza-1,3-diene Complexes with Acyl Cyanides: Substrate-Dependent Synthesis of Acyl- or Non-Acyl-Substituted Pyrroles. <i>Organometallics</i> , 2015, 34, 5597-5601.	1.1	6
84	Nickel-Catalyzed Cross-Coupling of Aryl Pivalates with Cyclobutanols Involving C=O and C-C Bond Cleavage. <i>Chinese Journal of Chemistry</i> , 2020, 38, 1686-1690.	2.6	6
85	Zirconium-Mediated Multicomponent Reactions of 1,3-Butadiynes with Ylidenemalononitriles to Form Functionalized 1,8-Naphthyridine and Cyclopenta[ <i>b</i> ]pyridine Derivatives. <i>Chemistry - A European Journal</i> , 2015, 21, 1420-1424.	1.7	5
86	Synthesis of <i>ortho</i> -Diamino-Functionalized 1-Arylnaphthalenes through Nickel-Catalyzed Cyclization of Ynamide-Benzyl nitriles with Organoboronic Acids. <i>Organic Letters</i> , 2021, 23, 7949-7954.	2.4	4
87	Gold-Catalyzed Ring Expansion Reaction: Highly Efficient Synthesis of Functionalized 2,3-Benzodiazepine Scaffolds. <i>Chinese Journal of Organic Chemistry</i> , 2018, 38, 190.	0.6	3
88	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> , 2017, 82, 10051-10061.	1.7	2
89	Synthesis of phospholes and 1,1-biphospholes mediated by zirconacyclopentadienes and PBr <sub>3</sub> . <i>Tetrahedron Letters</i> , 2020, 61, 151388.	0.7	2
90	Copper-Catalyzed <i>ortho</i> -Functionalization of Quinoline <i>N</i> -Oxides with Vinyl Arenes. <i>Angewandte Chemie</i> , 2020, 132, 19137-19141.	1.6	2