Liming Zhang

List of Publications by Year
in descending order

140 papers	15,678 citations	11651 70 h-index	17105 122 g-index
229 all docs	229 docs citations	229 times ranked	5937 citing authors

#	Article	IF	Citations
1	Gold and Platinum Catalysis of Enyne Cycloisomerization. Advanced Synthesis and Catalysis, 2006, 348, 2271-2296.	4.3	848
2	A Non-Diazo Approach to Î±-Oxo Gold Carbenes via Gold-Catalyzed Alkyne Oxidation. Accounts of Chemical Research, 2014, 47, 877-888.	15.6	627
3	Catalytic asymmetric dearomatization (CADA) reactions of phenol and aniline derivatives. Chemical Society Reviews, 2016, 45, 1570-1580.	38.1	621
4	Tandem Au-Catalyzed 3,3-Rearrangementâ^'[2 + 2] Cycloadditions of Propargylic Esters:Â Expeditious Access to Highly Functionalized 2,3-Indoline-Fused Cyclobutanes. Journal of the American Chemical Society, 2005, 127, 16804-16805.	13.7	436
5	Homogeneous Gold-Catalyzed Oxidative Carboheterofunctionalization of Alkenes. Journal of the American Chemical Society, 2010, 132, 1474-1475.	13.7	405
6	Efficient Synthesis of Cyclopentenones from Enynyl Acetates via Tandem Au(I)-Catalyzed 3,3-Rearrangement and the Nazarov Reaction. Journal of the American Chemical Society, 2006, 128, 1442-1443.	13.7	362
7	Alkynes as Equivalents of Î±-Diazo Ketones in Generating Î±-Oxo Metal Carbenes: A Gold-Catalyzed Expedient Synthesis of Dihydrofuran-3-ones. Journal of the American Chemical Society, 2010, 132, 3258-3259.	13.7	361
8	An Efficient [2 + 2 + 1] Synthesis of 2,5-Disubstituted Oxazoles via Gold-Catalyzed Intermolecular Alkyne Oxidation. Journal of the American Chemical Society, 2011, 133, 8482-8485.	13.7	336
9	Au-Catalysed oxidative cyclisation. Chemical Society Reviews, 2016, 45, 4448-4458.	38.1	329
10	Goldâ€Catalyzed Homogeneous Oxidative Crossâ€Coupling Reactions. Angewandte Chemie - International Edition, 2009, 48, 3112-3115.	13.8	324
11	Experimental and Computational Evidence for Gold Vinylidenes: Generation from Terminal Alkynes via a Bifurcation Pathway and Facile Câ€“H Insertions. Journal of the American Chemical Society, 2012, 134, 31-34.	13.7	315
12	Gold-Catalyzed One-Step Practical Synthesis of Oxetan-3-ones from Readily Available Propargylic Alcohols. Journal of the American Chemical Society, 2010, 132, 8550-8551.	13.7	300
13	DFT Study of the Mechanisms of In Water Au(I)-Catalyzed Tandem [3,3]-Rearrangement/Nazarov Reaction/[1,2]-Hydrogen Shift of Enynyl Acetates:â€‰ A Proton-Transport Catalysis Strategy in the Water-Catalyzed [1,2]-Hydrogen Shift. Journal of the American Chemical Society, 2007, 129, 15503-15512.	13.7	280
14	Gold-Catalyzed Intramolecular Redox Reaction of Sulfinyl Alkynes: Efficient Generation of Î±-Oxo Gold Carbenoids and Application in Insertion into Rï£¿CO Bonds. Angewandte Chemie - International Edition, 2007, 46, 5156-5159.	13.8	269
15	Gold-Catalyzed Assembly of Heterobicyclic Systems. Journal of the American Chemical Society, 2005, 127, 6962-6963.	13.7	244
16	A Flexible and Stereoselective Synthesis of Azetidinâ€3â€one through Goldâ€Catalyzed Intermolecular Oxidation of Alkynes. Angewandte Chemie - International Edition, 2011, 50, 3236-3239.	13.8	224
17	Umpolung Reactivity of Indole through Gold Catalysis. Angewandte Chemie - International Edition, 2011, 50, 8358-8362.	13.8	222
18	Au-Containing All-Carbon 1,4-Dipoles:â€‰ Generation and [4 + 2] Annulation in the Formation of Carbo-/Heterocycles. Journal of the American Chemical Society, 2008, 130, 1814-1815.	13.7	216

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19	Gold-Catalyzed Highly Regioselective Oxidation of Câ^'C Triple Bonds without Acid Additives: Propargyl Moieties as Masked Î±,Î²-Unsaturated Carbonyls. Journal of the American Chemical Society, 2010, 132, 14070-14072.	13.7	210
20	A Two-Step, Formal [4 + 2] Approach toward Piperidin-4-ones via Au Catalysis. Journal of the American Chemical Society, 2009, 131, 8394-8395.	13.7	199
21	Tempering the Reactivities of Postulated Î±-Oxo Gold Carbenes Using Bidentate Ligands: Implication of Tricoordinated Gold Intermediates and the Development of an Expedient Bimolecular Assembly of 2,4-Disubstituted Oxazoles. Journal of the American Chemical Society, 2012, 134, 17412-17415.	13.7	196
22	Gold-Catalyzed Cycloisomerization of Siloxy Enynes to Cyclohexadienes. Journal of the American Chemical Society, 2004, 126, 11806-11807.	13.7	192
23	A Highly Efficient Preparative Method of Î±-Ylidene-Î²-Diketones via AuIII-Catalyzed Acyl Migration of Propargylic Esters. Journal of the American Chemical Society, 2006, 128, 8414-8415.	13.7	186
24	Homogeneous Gold-Catalyzed Oxidation Reactions. Chemical Reviews, 2021, 121, 8979-9038.	47.7	181
25	Gold-Catalyzed Efficient Preparation of Linear Î±-Iodoenones from Propargylic Acetates. Organic Letters, 2007, 9, 2147-2150.	4.6	173
26	PtCl₂-Catalyzed Rapid Access to Tetracyclic 2,3-Indoline-Fused Cyclopentenes:â€‰ Reactivity Divergent from Cationic Au(I) Catalysis and Synthetic Potential. Journal of the American Chemical Society, 2007, 129, 11358-11359.	13.7	165
27	Rapid Access to Chromanâ€3â€one through Goldâ€Catalyzed Oxidation of Propargyl Aryl Ethers. Angewandte Chemie - International Edition, 2012, 51, 1915-1918.	13.8	163
28	Au- and Pt-Catalyzed Cycloisomerizations of 1,5-Enynes to Cyclohexadienes with a Broad Alkyne Scope. Journal of the American Chemical Society, 2006, 128, 9705-9710.	13.7	156
29	Au-Catalyzed Synthesis of (1Z,3E)-2-Pivaloxy-1,3-Dienes from Propargylic Pivalates. Journal of the American Chemical Society, 2008, 130, 3740-3741.	13.7	156
30	Gold-Catalyzed Homogeneous Oxidative Câ^'O Bond Formation: Efficient Synthesis of 1-Benzoxyvinyl Ketones. Journal of the American Chemical Society, 2009, 131, 5062-5063.	13.7	154
31	A Gold-Catalyzed Unique Cycloisomerization of 1,5-Enynes:Â Efficient Formation of 1-Carboxycyclohexa-1,4-dienes and Carboxyarenes. Journal of the American Chemical Society, 2006, 128, 14274-14275.	13.7	151
32	Platinumâ€Catalyzed Formation of Cyclicâ€Ketoneâ€Fused Indoles from Nâ€(2â€Alkynylphenyl)lactams. Angewandte Chemie - International Edition, 2008, 47, 346-349.	13.8	151
33	Goldâ€Catalyzed Oneâ€Step Construction of 2,3â€Dihydroâ€1Hâ€Pyrrolizines with an Electronâ€Withdrawing group in the 5â€position: A Formal Synthesis of 7â€Methoxymitosene. Angewandte Chemie - International Edition, 2012, 51, 8624-8627.	13.8	149
34	Two-Step Formal [3+2] Cycloaddition of Enones/Enals and Allenyl MOM Ether:â€‰ Gold-Catalyzed Highly Diastereoselective Synthesis of Cyclopentanone Enol Ether Containing an All-Carbon Quaternary Center. Journal of the American Chemical Society, 2007, 129, 6398-6399.	13.7	137
35	Gold-Catalyzed Nitrene Transfer to Activated Alkynes: Formation of Î±,Î²-Unsaturated Amidines. Organic Letters, 2011, 13, 1738-1741.	4.6	134
36	Practical Synthesis of Linear Î±-Iodo/Bromo-Î±,Î²-unsaturated Aldehydes/Ketones from Propargylic Alcohols via Au/Mo Bimetallic Catalysis. Organic Letters, 2009, 11, 3646-3649.	4.6	132

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37	[3,3]-Sigmatropic Rearrangement versus Carbene Formation in Gold-Catalyzed Transformations of Alkynyl Aryl Sulfoxides: Mechanistic Studies and Expanded Reaction Scope. Journal of the American Chemical Society, 2013, 135, 8512-8524.	13.7	132
38	A general ligand design for gold catalysis allowing ligand-directed anti-nucleophilic attack of alkynes. Nature Communications, 2014, 5, 3470.	12.8	127
39	Enantioselective Oxidative Gold Catalysis Enabled by a Designed Chiral P,Nâ€Bidentate Ligand. Angewandte Chemie - International Edition, 2015, 54, 1245-1249.	13.8	123
40	Intramolecular Insertions into Unactivated C(sp³)â€“H Bonds by Oxidatively Generated Î²-Diketone-Î±-Gold Carbenes: Synthesis of Cyclopentanones. Journal of the American Chemical Society, 2015, 137, 5316-5319.	13.7	122
41	Gold-Catalyzed Efficient Formation of Alkenyl Enol Esters/Carbonates from Trimethylsilylmethyl-Substituted Propargyl Esters/Carbonates. Organic Letters, 2006, 8, 4585-4587.	4.6	121
42	Construction of spirocarbocycles via gold-catalyzed intramolecular dearomatization of naphthols. Chemical Science, 2016, 7, 3427-3431.	7.4	120
43	BrÃ¸nsted Acid-Promoted Cyclizations of Siloxyalkynes with Arenes and Alkenes. Journal of the American Chemical Society, 2004, 126, 10204-10205.	13.7	119
44	Au(I)-Catalyzed Efficient Synthesis of Functionalized Bicyclo[3.2.0]heptanes. Journal of the American Chemical Society, 2008, 130, 6944-6945.	13.7	118
45	Optimizing P,Nâ€Bidentate Ligands for Oxidative Gold Catalysis: Efficient Intermolecular Trapping of Î±â€Oxo Gold Carbenes by Carboxylic Acids. Angewandte Chemie - International Edition, 2013, 52, 6508-6512.	13.8	118
46	Combining Gold(I)/Gold(III) Catalysis and Cï£¿H Functionalization: A Formal Intramolecular [3+2] Annulation towards Tricyclic Indolines and Mechanistic Studies. Angewandte Chemie - International Edition, 2011, 50, 4450-4454.	13.8	117
47	Au-Containing All-Carbon 1,3-Dipoles: Generation and [3+2] Cycloaddition Reactions. Journal of the American Chemical Society, 2008, 130, 12598-12599.	13.7	111
48	Synthesis of Bicyclic Imidazoles via [2 + 3] Cycloaddition between Nitriles and Regioselectively Generated Î±-Imino Gold Carbene Intermediates. Organic Letters, 2012, 14, 4662-4665.	4.6	108
49	Gold or No Gold: One-Pot Synthesis of Tetrahydrobenz[b]azepin-4-ones from Tertiary N-(But-3-ynyl)anilines. Organic Letters, 2009, 11, 1225-1228.	4.6	106
50	Electrophilicity of Î±-oxo gold carbene intermediates: halogen abstractions from halogenated solvents leading to the formation of chloro/bromomethyl ketones. Organic and Biomolecular Chemistry, 2012, 10, 3168.	2.8	106
51	One-Pot Synthesis of Benzene-Fused Medium-Ring Ketones: Gold Catalysis-Enabled Enolate Umpolung Reactivity. Journal of the American Chemical Society, 2016, 138, 5515-5518.	13.7	105
52	Combining Zn ion catalysis with homogeneous gold catalysis: an efficient annulation approach to N-protected indoles. Chemical Science, 2013, 4, 739-746.	7.4	102
53	Recent Developments in the Chemistry of Heteroaromatic N-Oxides. Synthesis, 2015, 47, 289-305.	2.3	99
54	Au-catalyzed synthesis of 2-alkylindoles from N-arylhydroxylamines and terminal alkynes. Chemical Communications, 2011, 47, 7815.	4.1	97

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55	Soft Propargylic Deprotonation: Designed Ligand Enables Au-Catalyzed Isomerization of Alkynes to 1,3-Dienes. Journal of the American Chemical Society, 2014, 136, 8887-8890.	13.7	93
56	Mechanism of Gold(I)-Catalyzed Rearrangements of Acetylenic Amine-N-Oxides: Computational Investigations Lead to a New Mechanism Confirmed by Experiment. Journal of the American Chemical Society, 2012, 134, 1078-1084.	13.7	92
57	Goldâ€Catalyzed Cyclizations of cisâ€Enediynes: Insights into the Nature of Goldâ€“Aryne Interactions. Angewandte Chemie - International Edition, 2013, 52, 7795-7799.	13.8	92
58	Gold-Catalyzed Efficient Formation ofÎ±,Î²-Unsaturated Ketones from Propargylic Acetates. Advanced Synthesis and Catalysis, 2007, 349, 871-875.	4.3	91
59	MoS2-wrapped silicon nanowires for photoelectrochemical water reduction. Nano Research, 2015, 8, 281-287.	10.4	87
60	Homogeneous gold-catalyzed efficient oxidative dimerization of propargylic acetates. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 3884-3887.	2.2	85
61	Recent Progress on Gold-catalyzed Dearomatization Reactions. Acta Chimica Sinica, 2017, 75, 419.	1.4	84
62	Expanding the horizon of intermolecular trapping of in situ generated Î±-oxo gold carbenes: efficient oxidative union of allylic sulfides and terminal alkynes via Câ€“C bond formation. Chemical Communications, 2014, 50, 4130-4133.	4.1	81
63	Gold-Catalyzed Direct Assembly of Aryl-Annulated Carbazoles from 2-Alkynyl Arylazides and Alkynes. Organic Letters, 2016, 18, 4178-4181.	4.6	81
64	Chiral Bifunctional Phosphine Ligand Enabling Gold-Catalyzed Asymmetric Isomerization of Alkyne to Allene and Asymmetric Synthesis of 2,5-Dihydrofuran. Journal of the American Chemical Society, 2019, 141, 3787-3791.	13.7	76
65	Radical Deoxygenation of Hydroxyl Groups via Phosphites. Journal of the American Chemical Society, 2004, 126, 13190-13191.	13.7	74
66	Gold-catalyzed efficient preparation of linear Î±-haloenones from propargylic acetates. Tetrahedron, 2009, 65, 1846-1855.	1.9	74
67	Goldâ€Catalyzed Multiple Cascade Reaction of 2â€Alkynylphenylazides with Propargyl Alcohols. Chemistry - A European Journal, 2015, 21, 3585-3588.	3.3	74
68	Remote Cooperative Group Strategy Enables Ligands for Accelerative Asymmetric Gold Catalysis. Journal of the American Chemical Society, 2017, 139, 16064-16067.	13.7	71
69	Au-Catalyzed Intermolecular [2+2] Cycloadditions between Chloroalkynes and Unactivated Alkenes. Journal of the American Chemical Society, 2018, 140, 5860-5865.	13.7	71
70	Gold-catalyzed efficient synthesis of azepan-4-ones via a two-step [5â€‰+â€‰2] annulation. Chemical Communications, 2010, 46, 3351.	4.1	68
71	A Desulfonylative Approach in Oxidative Gold Catalysis: Regiospecific Access to Donorâ€Substituted Acyl Gold Carbenes. Angewandte Chemie - International Edition, 2015, 54, 11775-11779.	13.8	63
72	Gold-Catalyzed Reaction of Propargylic Carboxylates via an Initial 3,3-Rearrangement. Synlett, 2010, 2010, 692-706.	1.8	61

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73	A non-diazo strategy to cyclopropanation via oxidatively generated gold carbene: The benefit of a conformationally rigid P,N-bidentate ligand. Organic Chemistry Frontiers, 2014, 1, 34-38.	4.5	61
74	Câ€“H insertions in oxidative gold catalysis: synthesis of polycyclic 2H-pyran-3(6H)-ones via a relay strategy. Organic Chemistry Frontiers, 2015, 2, 1556-1560.	4.5	61
75	Au-Catalyzed Synthesis of 5,6-Dihydro-8H-indolizin-7-ones from N-(Pent-2-en-4-ynyl)-Î²-lactams. Organic Letters, 2008, 10, 5187-5190.	4.6	56
76	A Modular, Efficient, and Stereoselective Synthesis of Substituted Piperidinâ€4â€ols. Angewandte Chemie - International Edition, 2010, 49, 9178-9181.	13.8	55
77	A Câ€“H Insertion Approach to Functionalized Cyclopentenones. Journal of the American Chemical Society, 2016, 138, 7516-7519.	13.7	55
78	AuCl-Catalyzed Synthesis of Benzyl-Protected Substituted Phenols:â€‰ A Formal [3+3] Approach. Organic Letters, 2007, 9, 4627-4630.	4.6	54
79	The use of Br/Cl to promote regioselective gold-catalyzed rearrangement of propargylic carboxylates: an efficient synthesis of (1Z, 3E)-1-bromo/chloro-2-carboxy-1,3-dienes. Chemical Communications, 2010, 46, 9179.	4.1	54
80	Oneâ€Step Synthesis of Methanesulfonyloxymethyl Ketones via Goldâ€Catalyzed Oxidation of Terminal Alkynes: A Combination of Ligand and Counter Anion Enables High Efficiency and a Oneâ€Pot Synthesis of 2,4â€Disubstituted Thiazoles. Advanced Synthesis and Catalysis, 2014, 356, 1229-1234.	4.3	52
81	Bifunctional Biphenyl-2-ylphosphine Ligand Enables Tandem Gold-Catalyzed Propargylation of Aldehyde and Unexpected Cycloisomerization. Journal of the American Chemical Society, 2018, 140, 17439-17443.	13.7	52
82	Tertiary Amino Group in Cationic Gold Catalyst: Tethered Frustrated Lewis Pairs That Enable Ligand-Controlled Regiodivergent and Stereoselective Isomerizations of Propargylic Esters. ACS Catalysis, 2017, 7, 3676-3680.	11.2	50
83	Access to Electronâ€Rich Areneâ€Fused Hexahydroquinolizinones through a Goldâ€Catalysisâ€Initiated Cascade Process. Angewandte Chemie - International Edition, 2012, 51, 7301-7304.	13.8	44
84	Gold-Catalyzed Intramolecular Dearomatization Reactions of Indoles for the Synthesis of Spiroindolenines and Spiroindolines. Organic Letters, 2020, 22, 1233-1238.	4.6	43
85	Ligand-Accelerated Gold-Catalyzed Addition of in Situ Generated Hydrazoic Acid to Alkynes under Neat Conditions. Organic Letters, 2017, 19, 3687-3690.	4.6	42
86	Wolff Rearrangement of Oxidatively Generated Î±â€Oxo Gold Carbenes: An Effective Approach to Silylketenes. Angewandte Chemie - International Edition, 2019, 58, 5241-5245.	13.8	41
87	Efficient Oneâ€Pot Multifunctionalization of Alkynes en Route to Î±â€Alkoxyketones, Î±â€Thioketones, and Î±â€Thio Thioketals by using an Umpolung Strategy. Chemistry - A European Journal, 2017, 23, 14133-14137.	3.3	38
88	Rutheniumâ€Catalyzed Oxidative Transformations of Terminal Alkynes to Ketenes By Using Tethered Sulfoxides: Access to Î²â€Lactams and Cyclobutanones. Angewandte Chemie - International Edition, 2014, 53, 9572-9576.	13.8	37
89	A â€œTracelessâ€•Directing Group Enables Catalytic S_N2 Glycosylation toward 1,2-cis-Glycopyranosides. Journal of the American Chemical Society, 2021, 143, 11908-11913.	13.7	36
90	Designed Bifunctional Phosphine Ligand-Enabled Gold-Catalyzed Isomerizations of Ynamides and Allenamides: Stereoselective and Regioselective Formation of 1-Amido-1,3-dienes. Organic Letters, 2017, 19, 5744-5747.	4.6	34

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91	Bifunctional Ligand Enables Efficient Goldâ€Catalyzed Hydroalkenylation of Propargylic Alcohol. Angewandte Chemie - International Edition, 2018, 57, 8250-8254.	13.8	34
92	Total Synthesis of (+)-Acanthodoral by the Use of a Pd-Catalyzed Metal-ene Reaction and a Nonreductive 5-exo-Acyl Radical Cyclization. Organic Letters, 2004, 6, 537-540.	4.6	33
93	Synthesis of Chiral Bifunctional NHC Ligands and Survey of Their Utilities in Asymmetric Gold Catalysis. Organometallics, 2019, 38, 3931-3938.	2.3	33
94	Optimizing P,Nâ€Bidentate Ligands for Oxidative Gold Catalysis: Efficient Intermolecular Trapping of Î±â€Oxo Gold Carbenes by Carboxylic Acids. Angewandte Chemie, 2013, 125, 6636-6640.	2.0	32
95	Construction of Spironaphthalenones via Gold-Catalyzed Intramolecular Dearomatization Reaction of Î²-Naphthol Derivatives. Organic Letters, 2020, 22, 5861-5865.	4.6	30
96	Gold-catalysed asymmetric net addition of unactivated propargylic Câ€“H bonds to tethered aldehydes. Nature Catalysis, 2021, 4, 164-171.	34.4	30
97	6-Exo-spiro (Alkoxycarbonylamino)methyl Radical Cyclization:â€‰ Highly Regio- and Stereoselective Synthesis of (â^')-Sibirine. Organic Letters, 2002, 4, 3329-3332.	4.6	28
98	Stereocontrolled Synthesis of Kelsoene by the Homo-Favorskii Rearrangement. Organic Letters, 2002, 4, 3755-3758.	4.6	26
99	Designed Bifunctional Ligands in Cooperative Homogeneous Gold Catalysis. CCS Chemistry, 2021, 3, 1989-2002.	7.8	26
100	Gold-catalyzed regioselective oxidation of propargylic carboxylates: a reliable access to Î±-carboxy-Î±,Î²-unsaturated ketones/aldehydes. Beilstein Journal of Organic Chemistry, 2013, 9, 1925-1930.	2.2	25
101	Cyclopropanation of Benzene Rings by Oxidatively Generated Î±â€Oxo Gold Carbene: Oneâ€Pot Access to Tetrahydropyranoneâ€Fused Cycloheptatrienes from Propargyl Benzyl Ethers. Advanced Synthesis and Catalysis, 2018, 360, 647-651.	4.3	25
102	Nonâ€Diazo Câ^'H Insertion Approach to Cyclobutanones through Oxidative Gold Catalysis. Angewandte Chemie - International Edition, 2020, 59, 17398-17402.	13.8	25
103	Formal Synthesis of 7-Methoxymitosene and Synthesis of its Analog via a Key PtCl₂-Catalyzed Cycloisomerization. Organic Letters, 2012, 14, 3736-3739.	4.6	23
104	Gold-catalyzed oxidation of propargylic ethers with internal Câ€“C triple bonds: Impressive regioselectivity enabled by inductive effect. Journal of Organometallic Chemistry, 2014, 770, 142-145.	1.8	23
105	Efficient Synthesis of Î±-Allylbutenolides from Allyl Ynoates via Tandem Ligand-Enabled Au(I) Catalysis and the Claisen Rearrangement. ACS Catalysis, 2019, 9, 10339-10342.	11.2	22
106	BrÃ¸nsted acid-promoted cyclizations of siloxy alkynes with unactivated arenes, alkenes, and alkynes. Tetrahedron, 2006, 62, 11371-11380.	1.9	21
107	Total synthesis of (+)-lentiginosine via a key Au catalysis. Science China Chemistry, 2010, 53, 113-118.	8.2	20
108	Silver-catalyzed stereoselective formation of glycosides using glycosyl ynenoates as donors. Chemical Communications, 2018, 54, 8626-8629.	4.1	19

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109	A Bifunctional Ligand Enables Gold-Catalyzed Hydroarylation of Terminal Alkynes under Soft Reaction Conditions. Organic Letters, 2020, 22, 6045-6049.	4.6	19
110	Synthesis of a wakayin model compound: Oxidative formation of a new pyrrole ring in the indol-3-yl-indoloquinone system. Tetrahedron Letters, 1998, 39, 7677-7678.	1.4	18
111	Total Synthesis and Structure Revision of Diplobifuranylone B. Journal of Organic Chemistry, 2019, 84, 11054-11060.	3.2	18
112	Bifunctional Phosphine Ligand Enabled Goldâ€Catalyzed Alkynamide Cycloisomerization: Access to Electronâ€Rich 2â€Aminofurans and Their Dielsâ€“Alder Adducts. Angewandte Chemie - International Edition, 2019, 58, 17180-17184.	13.8	18
113	Oneâ€Pot Synthesis of Fused Pyrroles through a Key Goldâ€Catalysisâ€Triggered Cascade. Chemistry - A European Journal, 2014, 20, 2445-2448.	3.3	17
114	Synthesisâ€Enabled Probing of Mitosene Structural Space Leads to Improved IC₅₀ over Mitomycinâ€...C. Angewandte Chemie - International Edition, 2014, 53, 9302-9305.	13.8	14
115	Gold-Catalyzed Synthesis of Chiral Cyclopentadienyl Esters via Chirality Transfer. Organic Letters, 2020, 22, 6500-6504.	4.6	13
116	Bifunctional phosphine ligand-enabled gold-catalyzed direct cycloisomerization of alkynyl ketones to 2,5-disubstituted furans. Chemical Communications, 2020, 56, 7297-7300.	4.1	13
117	Gold-catalyzed regioselective oxidation of terminal allenes: formation of Î±-methanesulfonyloxy methyl ketones. Beilstein Journal of Organic Chemistry, 2011, 7, 596-600.	2.2	12
118	Direct Conversion of Internal Alkynes into Î±â€Iodoenones: Oneâ€Step Collaborative Iodination and Oxidation. Advanced Synthesis and Catalysis, 2016, 358, 1417-1420.	4.3	12
119	Ruthenium-catalyzed rearrangement of propargyl sulfoxides: formation of Î±,Î²-unsaturated thioesters. Tetrahedron Letters, 2015, 56, 3144-3146.	1.4	11
120	Gold-Catalyzed Silyl-Migrative Cyclization of Homopropargylic Alcohols Enabled by Bifunctional Biphenyl-2-ylphosphine and DFT Studies. Organic Letters, 2019, 21, 7791-7794.	4.6	11
121	Gold-Catalyzed Regioselective Dimerization of Aliphatic Terminal Alkynes. Synlett, 2012, 2012, 54-56.	1.8	10
122	Chiral Bifunctional Phosphine Ligand Enables Gold-Catalyzed Asymmetric Isomerization and Cyclization of Propargyl Sulfonamide into Chiral 3-Pyrroline. Organic Letters, 2021, 23, 8194-8198.	4.6	10
123	Gold-catalyzed synthesis of Î±-D-glucosides using an o-ethynylphenyl Î²-D-1-thioglucoside donor. Carbohydrate Research, 2019, 471, 56-63.	2.3	9
124	Chiral Bifunctional Phosphine Ligand-Enabled Cooperative Cu Catalysis: Formation of Chiral Î±,Î²-Butenolides via Highly Enantioselective Î³-Protonation. Journal of the American Chemical Society, 2021, 143, 10876-10881.	13.7	9
125	Bifunctional Ligand Enables Efficient Goldâ€Catalyzed Hydroalkenylation of Propargylic Alcohol. Angewandte Chemie, 2018, 130, 8382-8386.	2.0	7
126	Nonâ€Diazo Câ€“H Insertion Approach to Cyclobutanones through Oxidative Gold Catalysis. Angewandte Chemie, 2020, 132, 17551-17555.	2.0	7

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127	Au(<scp>i</scp>)-Catalyzed expeditious access to naphtho[2,3-c]furan-1(3-H)-ones from readily available propargylic ynoates. Chemical Communications, 2018, 54, 10447-10450.	4.1	6
128	Bifunctional Phosphine Ligand Enabled Goldâ€Catalyzed Alkynamide Cycloisomerization: Access to Electronâ€Rich 2â€Aminofurans and Their Dielsâ€“Alder Adducts. Angewandte Chemie, 2019, 131, 17340-17344.	2.0	6
129	Wolff Rearrangement of Oxidatively Generated Î±â€Oxo Gold Carbenes: An Effective Approach to Silylketenes. Angewandte Chemie, 2019, 131, 5295-5299.	2.0	6
130	Ironâ€catalyzed Alkene Trifluoromethylation in Tandem with Phenol Dearomatizing Spirocyclization: Regioselective Construction of the Trifluoromethylated Spirocarbocycles. Advanced Synthesis and Catalysis, 0, , .	4.3	6
131	Unusual Au(III)-catalyzed dimerization of benzoxazol-2-yloxy enynes: Formation of substituted 1,5-cyclooctadienes. Journal of Organometallic Chemistry, 2009, 694, 520-523.	1.8	5
132	Asymmetric Construction of Î±,Î³-Disubstituted Î±,Î²-Butenolides Directly from Allylic Ynoates Using a Chiral Bifunctional Phosphine Ligand Enables Cooperative Au Catalysis. Organic Letters, 2022, 24, 4427-4432.	4.6	5
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