

Liming Zhang

List of Publications by Year in Descending Order

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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.

153
papers

13,679
citations

67
h-index

115
g-index

229
ext. papers

14,718
ext. citations

10.6
avg, IF

7.19
L-index

#	Paper	IF	Citations
153	Gold-Catalyzed Oxidation of Alkynes by N -Oxides or Sulfoxides 2022 , 199-241		
152	Chiral Bifunctional Phosphine Ligand Enables Gold-Catalyzed Asymmetric Isomerization and Cyclization of Propargyl Sulfonamide into Chiral 3-Pyrroline. <i>Organic Letters</i> , 2021 , 23, 8194-8198	6.2	0
151	A "Traceless" Directing Group Enables Catalytic S ₂ Glycosylation toward 1,2--Glycopyranosides. <i>Journal of the American Chemical Society</i> , 2021 , 143, 11908-11913	16.4	5
150	Designed Bifunctional Ligands in Cooperative Homogeneous Gold Catalysis. <i>CCS Chemistry</i> , 2021 , 3, 1989-2002		
149	Homogeneous Gold-Catalyzed Oxidation Reactions. <i>Chemical Reviews</i> , 2021 , 121, 8979-9038	68.1	44
148	Gold-catalysed asymmetric net addition of unactivated propargylic C-H bonds to tethered aldehydes. <i>Nature Catalysis</i> , 2021 , 4, 164-171	36.5	7
147	Chiral Bifunctional Phosphine Ligand-Enabled Cooperative Cu Catalysis: Formation of Chiral β -Butenolides via Highly Enantioselective α -Protonation. <i>Journal of the American Chemical Society</i> , 2021 , 143, 10876-10881	16.4	3
146	Bifunctional phosphine ligand-enabled gold-catalyzed direct cycloisomerization of alkynyl ketones to 2,5-disubstituted furans. <i>Chemical Communications</i> , 2020 , 56, 7297-7300	5.8	5
145	Non-Diazo C-H Insertion Approach to Cyclobutanones through Oxidative Gold Catalysis. <i>Angewandte Chemie</i> , 2020 , 132, 17551-17555	3.6	5
144	Construction of Spiro[naphthalenones via Gold-Catalyzed Intramolecular Dearomatization Reaction of β -Naphthol Derivatives. <i>Organic Letters</i> , 2020 , 22, 5861-5865	6.2	11
143	A Bifunctional Ligand Enables Gold-Catalyzed Hydroarylation of Terminal Alkynes under Soft Reaction Conditions. <i>Organic Letters</i> , 2020 , 22, 6045-6049	6.2	10
142	Non-Diazo C-H Insertion Approach to Cyclobutanones through Oxidative Gold Catalysis. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 17398-17402	16.4	16
141	Gold-Catalyzed Intramolecular Dearomatization Reactions of Indoles for the Synthesis of Spiroindolenines and Spiroindolines. <i>Organic Letters</i> , 2020 , 22, 1233-1238	6.2	27
140	Gold-Catalyzed Synthesis of Chiral Cyclopentadienyl Esters via Chirality Transfer. <i>Organic Letters</i> , 2020 , 22, 6500-6504	6.2	6
139	Bifunctional Phosphine Ligand Enabled Gold-Catalyzed Alkynamide Cycloisomerization: Access to Electron-Rich 2-Aminofurans and Their Diels-Alder Adducts. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 17180-17184	16.4	9
138	Gold-Catalyzed Silyl-Migrative Cyclization of Homopropargylic Alcohols Enabled by Bifunctional Biphenyl-2-ylphosphine and DFT Studies. <i>Organic Letters</i> , 2019 , 21, 7791-7794	6.2	8
137	Wolff Rearrangement of Oxidatively Generated β Oxo Gold Carbenes: An Effective Approach to Silylketenes. <i>Angewandte Chemie</i> , 2019 , 131, 5295-5299	3.6	6

136	Synthesis of Chiral Bifunctional NHC Ligands and Survey of Their Utilities in Asymmetric Gold Catalysis. <i>Organometallics</i> , 2019 , 38, 3931-3938	3.8	21
135	Gold-Catalyzed Rearrangement of Propargyl Alcohols Using Coupling Constants To Determine Isomeric Ratios. <i>Journal of Chemical Education</i> , 2019 , 96, 2348-2351	2.4	1
134	Total Synthesis and Structure Revision of Diplobifuranylon B. <i>Journal of Organic Chemistry</i> , 2019 , 84, 11054-11060	4.2	13
133	Efficient Synthesis of β -Allylbutenolides from Allyl Ynoates via Tandem Ligand-Enabled Au(I) Catalysis and the Claisen Rearrangement. <i>ACS Catalysis</i> , 2019 , 9, 10339-10342	13.1	14
132	Bifunctional Phosphine Ligand Enabled Gold-Catalyzed Alkynamide Cycloisomerization: Access to Electron-Rich 2-Aminofurans and Their Diels-Alder Adducts. <i>Angewandte Chemie</i> , 2019 , 131, 17340-17344	2.6	1
131	Wolff Rearrangement of Oxidatively Generated β Oxo Gold Carbenes: An Effective Approach to Silylketenes. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 5241-5245	16.4	31
130	Chiral Bifunctional Phosphine Ligand Enabling Gold-Catalyzed Asymmetric Isomerization of Alkyne to Allene and Asymmetric Synthesis of 2,5-Dihydrofuran. <i>Journal of the American Chemical Society</i> , 2019 , 141, 3787-3791	16.4	46
129	Gold-catalyzed synthesis of β -D-glucosides using an o-ethynylphenyl β -D-1-thiogluco-side donor. <i>Carbohydrate Research</i> , 2019 , 471, 56-63	2.9	5
128	Au-Catalyzed Intermolecular [2+2] Cycloadditions between Chloroalkynes and Unactivated Alkenes. <i>Journal of the American Chemical Society</i> , 2018 , 140, 5860-5865	16.4	52
127	Bifunctional Ligand Enables Efficient Gold-Catalyzed Hydroalkenylation of Propargylic Alcohol. <i>Angewandte Chemie</i> , 2018 , 130, 8382-8386	3.6	7
126	Bifunctional Ligand Enables Efficient Gold-Catalyzed Hydroalkenylation of Propargylic Alcohol. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 8250-8254	16.4	25
125	Silver-catalyzed stereoselective formation of glycosides using glycosyl ynoates as donors. <i>Chemical Communications</i> , 2018 , 54, 8626-8629	5.8	11
124	Au(I)-Catalyzed expeditious access to naphtho[2,3-c]furan-1(3-H)-ones from readily available propargylic ynoates. <i>Chemical Communications</i> , 2018 , 54, 10447-10450	5.8	4
123	Cyclopropanation of Benzene Rings by Oxidatively Generated β Oxo Gold Carbene: One-Pot Access to Tetrahydropyranone-Fused Cycloheptatrienes from Propargyl Benzyl Ethers. <i>Advanced Synthesis and Catalysis</i> , 2018 , 360, 647-651	5.6	19
122	Bifunctional Biphenyl-2-ylphosphine Ligand Enables Tandem Gold-Catalyzed Propargylation of Aldehyde and Unexpected Cycloisomerization. <i>Journal of the American Chemical Society</i> , 2018 , 140, 17439-17443	16.4	25
121	Tertiary Amino Group in Cationic Gold Catalyst: Tethered Frustrated Lewis Pairs That Enable Ligand-Controlled Regiodivergent and Stereoselective Isomerizations of Propargylic Esters. <i>ACS Catalysis</i> , 2017 , 7, 3676-3680	13.1	37
120	Designed Bifunctional Phosphine Ligand-Enabled Gold-Catalyzed Isomerizations of Ynamides and Allenamides: Stereoselective and Regioselective Formation of 1-Amido-1,3-dienes. <i>Organic Letters</i> , 2017 , 19, 5744-5747	6.2	31
119	Remote Cooperative Group Strategy Enables Ligands for Accelerative Asymmetric Gold Catalysis. <i>Journal of the American Chemical Society</i> , 2017 , 139, 16064-16067	16.4	47

118	Efficient One-Pot Multifunctionalization of Alkynes en Route to β -Alkoxyketones, β -Thioketones, and β -Thio Thioketals by using an Umpolung Strategy. <i>Chemistry - A European Journal</i> , 2017 , 23, 14133-14137	4.8	34
117	Ligand-Accelerated Gold-Catalyzed Addition of in Situ Generated Hydrazoic Acid to Alkynes under Neat Conditions. <i>Organic Letters</i> , 2017 , 19, 3687-3690	6.2	32
116	Recent Progress on Gold-catalyzed Dearomatization Reactions. <i>Acta Chimica Sinica</i> , 2017 , 75, 419	3.3	72
115	Gold-Catalyzed Direct Assembly of Aryl-Annulated Carbazoles from 2-Alkynyl Arylazides and Alkynes. <i>Organic Letters</i> , 2016 , 18, 4178-81	6.2	70
114	A C-H Insertion Approach to Functionalized Cyclopentenones. <i>Journal of the American Chemical Society</i> , 2016 , 138, 7516-9	16.4	38
113	Au-Catalysed oxidative cyclisation. <i>Chemical Society Reviews</i> , 2016 , 45, 4448-58	58.5	286
112	Catalytic asymmetric dearomatization (CADA) reactions of phenol and aniline derivatives. <i>Chemical Society Reviews</i> , 2016 , 45, 1570-80	58.5	457
111	Synthesis of Oxygenated and Nitrogen-Containing Heterocycles by Gold-Catalyzed Alkyne Oxidation. <i>Topics in Heterocyclic Chemistry</i> , 2016 , 87-115	0.2	2
110	Construction of spirocarbocycles gold-catalyzed intramolecular dearomatization of naphthols. <i>Chemical Science</i> , 2016 , 7, 3427-3431	9.4	99
109	Direct Conversion of Internal Alkynes into β -ketoenones: One-Step Collaborative Iodination and Oxidation. <i>Advanced Synthesis and Catalysis</i> , 2016 , 358, 1417-1420	5.6	5
108	One-Pot Synthesis of Benzene-Fused Medium-Ring Ketones: Gold Catalysis-Enabled Enolate Umpolung Reactivity. <i>Journal of the American Chemical Society</i> , 2016 , 138, 5515-8	16.4	89
107	MoS ₂ -wrapped silicon nanowires for photoelectrochemical water reduction. <i>Nano Research</i> , 2015 , 8, 281-287	10	70
106	Ruthenium-catalyzed rearrangement of propargyl sulfoxides: formation of β -unsaturated thioesters. <i>Tetrahedron Letters</i> , 2015 , 56, 3144-3146	2	9
105	C ^{sp3} H insertions in oxidative gold catalysis: synthesis of polycyclic 2H-pyran-3(6H)-ones via a relay strategy. <i>Organic Chemistry Frontiers</i> , 2015 , 2, 1556-1560	5.2	49
104	Recent Developments in the Chemistry of Heteroaromatic N-Oxides. <i>Synthesis</i> , 2015 , 47, 289-305	2.9	84
103	A Desulfonylative Approach in Oxidative Gold Catalysis: Regiospecific Access to Donor-Substituted Acyl Gold Carbenes. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 11775-9	16.4	55
102	Enantioselective Oxidative Gold Catalysis Enabled by a Designed Chiral P,N-Bidentate Ligand. <i>Angewandte Chemie</i> , 2015 , 127, 1261-1265	3.6	34
101	A Desulfonylative Approach in Oxidative Gold Catalysis: Regiospecific Access to Donor-Substituted Acyl Gold Carbenes. <i>Angewandte Chemie</i> , 2015 , 127, 11941-11945	3.6	16

100	Intramolecular Insertions into Unactivated C(sp ³)-H Bonds by Oxidatively Generated β -Diketone- β -Gold Carbenes: Synthesis of Cyclopentanones. <i>Journal of the American Chemical Society</i> , 2015 , 137, 5316-9	16.4	109
99	Enantioselective oxidative gold catalysis enabled by a designed chiral P,N-bidentate ligand. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 1245-9	16.4	110
98	Gold-catalyzed multiple cascade reaction of 2-alkynylphenylazides with propargyl alcohols. <i>Chemistry - A European Journal</i> , 2015 , 21, 3585-8	4.8	63
97	One-pot synthesis of fused pyrroles through a key gold-catalysis-triggered cascade. <i>Chemistry - A European Journal</i> , 2014 , 20, 2445-8	4.8	11
96	A non-diazo approach to β -oxo gold carbenes via gold-catalyzed alkyne oxidation. <i>Accounts of Chemical Research</i> , 2014 , 47, 877-88	24.3	55 ¹
95	Gold-Catalyzed Oxidation of Propargylic Ethers with Internal C-C Triple Bonds: Impressive Regioselectivity Enabled by Inductive Effect. <i>Journal of Organometallic Chemistry</i> , 2014 , 770, 142-145	2.3	18
94	Expanding the horizon of intermolecular trapping of in situ generated β -oxo gold carbenes: efficient oxidative union of allylic sulfides and terminal alkynes via C-C bond formation. <i>Chemical Communications</i> , 2014 , 50, 4130-4133	5.8	70
93	A Non-Diazo Strategy to Cyclopropanation via Oxidatively Generated Gold Carbene: the Benefit of A Conformationally Rigid β -Bidentate Ligand. <i>Organic Chemistry Frontiers</i> , 2014 , 1, 34-38	5.2	59
92	Ruthenium-catalyzed oxidative transformations of terminal alkynes to ketenes by using tethered sulfoxides: access to β -lactams and cyclobutanones. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 9572-6	16.4	33
91	HOMOGENEOUS GOLD-CATALYZED OXIDATION AND REDUCTION REACTIONS. <i>Catalytic Science Series</i> , 2014 , 51-86	0.4	
90	Soft propargylic deprotonation: designed ligand enables Au-catalyzed isomerization of alkynes to 1,3-dienes. <i>Journal of the American Chemical Society</i> , 2014 , 136, 8887-90	16.4	79
89	A general ligand design for gold catalysis allowing ligand-directed anti-nucleophilic attack of alkynes. <i>Nature Communications</i> , 2014 , 5, 3470	17.4	105
88	Synthesis-enabled probing of mitosene structural space leads to improved IC ₅₀ over mitomycin C. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 9302-5	16.4	11
87	Ruthenium-Catalyzed Oxidative Transformations of Terminal Alkynes to Ketenes By Using Tethered Sulfoxides: Access to β -Lactams and Cyclobutanones. <i>Angewandte Chemie</i> , 2014 , 126, 9726-9730 ^{2.6}	2.6	8
86	Synthesis-Enabled Probing of Mitozene Structural Space Leads to Improved IC ₅₀ over Mitomycin C. <i>Angewandte Chemie</i> , 2014 , 126, 9456-9459	3.6	2
85	One-Step Synthesis of Methanesulfonyloxymethyl Ketones via Gold-Catalyzed Oxidation of Terminal Alkynes: A Combination of Ligand and Counter Anion Enables High Efficiency and a One-Pot Synthesis of 2,4-Disubstituted Thiazoles. <i>Advanced Synthesis and Catalysis</i> , 2014 , 356, 1229-1234	5.6	48
84	Combining Zn Ion Catalysis with Homogeneous Gold Catalysis: An Efficient Annulation Approach to β -Protected Indoles. <i>Chemical Science</i> , 2013 , 4,	9.4	90
83	GOLD-CATALYZED CASCADE REACTIONS 2013 , 145-177		6

82	Optimizing P,N-bidentate ligands for oxidative gold catalysis: efficient intermolecular trapping of β oxo gold carbenes by carboxylic acids. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 6508-12	16.4	105
81	[3,3]-Sigmatropic rearrangement versus carbene formation in gold-catalyzed transformations of alkynyl aryl sulfoxides: mechanistic studies and expanded reaction scope. <i>Journal of the American Chemical Society</i> , 2013 , 135, 8512-24	16.4	120
80	Optimizing P,N-Bidentate Ligands for Oxidative Gold Catalysis: Efficient Intermolecular Trapping of β Oxo Gold Carbenes by Carboxylic Acids. <i>Angewandte Chemie</i> , 2013 , 125, 6636-6640	3.6	29
79	Gold-Catalyzed Cyclizations of cis-Enediynes: Insights into the Nature of Gold π Alkyne Interactions. <i>Angewandte Chemie</i> , 2013 , 125, 7949-7953	3.6	46
78	Gold-catalyzed cyclizations of cis-enediynes: insights into the nature of gold-aryne interactions. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 7795-9	16.4	80
77	Gold-catalyzed regioselective oxidation of propargylic carboxylates: a reliable access to β carboxy- α unsaturated ketones/aldehydes. <i>Beilstein Journal of Organic Chemistry</i> , 2013 , 9, 1925-30	2.5	22
76	Rapid access to chroman-3-ones through gold-catalyzed oxidation of propargyl aryl ethers. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 1915-8	16.4	155
75	Mechanism of gold(I)-catalyzed rearrangements of acetylenic amine-N-oxides: computational investigations lead to a new mechanism confirmed by experiment. <i>Journal of the American Chemical Society</i> , 2012 , 134, 1078-84	16.4	89
74	Tempering the reactivities of postulated β oxo gold carbenes using bidentate ligands: implication of tricoordinated gold intermediates and the development of an expedient bimolecular assembly of 2,4-disubstituted oxazoles. <i>Journal of the American Chemical Society</i> , 2012 , 134, 17412-5	16.4	186
73	Gold-Catalyzed One-Step Construction of 2,3-Dihydro-1H-Pyrrolizines with an Electron-Withdrawing group in the 5-position: A Formal Synthesis of 7-Methoxymitosene. <i>Angewandte Chemie</i> , 2012 , 124, 8752-8755	3.6	52
72	Formal synthesis of 7-methoxymitosene and synthesis of its analog via a key PtCl ₂ -catalyzed cycloisomerization. <i>Organic Letters</i> , 2012 , 14, 3736-9	6.2	20
71	Electrophilicity of β oxo gold carbene intermediates: halogen abstractions from halogenated solvents leading to the formation of chloro/bromomethyl ketones. <i>Organic and Biomolecular Chemistry</i> , 2012 , 10, 3168-71	3.9	96
70	Synthesis of bicyclic imidazoles via [2 + 3] cycloaddition between nitriles and regioselectively generated β mino gold carbene intermediates. <i>Organic Letters</i> , 2012 , 14, 4662-5	6.2	99
69	Experimental and computational evidence for gold vinylidenes: generation from terminal alkynes via a bifurcation pathway and facile C-H insertions. <i>Journal of the American Chemical Society</i> , 2012 , 134, 31-4	16.4	288
68	Rapid Access to Chroman-3-ones through Gold-Catalyzed Oxidation of Propargyl Aryl Ethers. <i>Angewandte Chemie</i> , 2012 , 124, 1951-1954	3.6	60
67	Access to Electron-Rich Arene-Fused Hexahydroquinolizinones through a Gold-Catalysis-Initiated Cascade Process. <i>Angewandte Chemie</i> , 2012 , 124, 7413-7416	3.6	13
66	Access to electron-rich arene-fused hexahydroquinolizinones through a gold-catalysis-initiated cascade process. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 7301-4	16.4	41
65	Gold-catalyzed one-step construction of 2,3-dihydro-1H-Pyrrolizines with an electron-withdrawing group in the 5-position: a formal synthesis of 7-methoxymitosene. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 8624-7	16.4	138

64	Gold-Catalyzed Regioselective Dimerization of Aliphatic Terminal Alkynes. <i>Synlett</i> , 2012 , 2012, 54-56	2.2	9
63	Au-catalyzed synthesis of 2-alkylindoles from N-arylhydroxylamines and terminal alkynes. <i>Chemical Communications</i> , 2011 , 47, 7815-7	5.8	83
62	An efficient [2 + 2 + 1] synthesis of 2,5-disubstituted oxazoles via gold-catalyzed intermolecular alkyne oxidation. <i>Journal of the American Chemical Society</i> , 2011 , 133, 8482-5	16.4	307
61	Gold-catalyzed regioselective oxidation of terminal allenes: formation of β -methanesulfonyloxy methyl ketones. <i>Beilstein Journal of Organic Chemistry</i> , 2011 , 7, 596-600	2.5	12
60	Gold-catalyzed nitrene transfer to activated alkynes: formation of β -unsaturated amidines. <i>Organic Letters</i> , 2011 , 13, 1738-41	6.2	124
59	A Flexible and Stereoselective Synthesis of Azetidin-3-ones through Gold-Catalyzed Intermolecular Oxidation of Alkynes. <i>Angewandte Chemie</i> , 2011 , 123, 3294-3297	3.6	80
58	Combining Gold(I)/Gold(III) Catalysis and C-H Functionalization: A Formal Intramolecular [3+2] Annulation towards Tricyclic Indolines and Mechanistic Studies. <i>Angewandte Chemie</i> , 2011 , 123, 4542-4546	3.6	32
57	Umpolung Reactivity of Indole through Gold Catalysis. <i>Angewandte Chemie</i> , 2011 , 123, 8508-8512	3.6	80
56	A flexible and stereoselective synthesis of azetidin-3-ones through gold-catalyzed intermolecular oxidation of alkynes. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 3236-9	16.4	210
55	Combining gold(I)/gold(III) catalysis and C-H functionalization: a formal intramolecular [3+2] annulation towards tricyclic indolines and mechanistic studies. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 4450-4	16.4	108
54	Umpolung reactivity of indole through gold catalysis. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 8358-62	16.4	199
53	Gold-Catalyzed Reaction of Propargylic Carboxylates via an Initial 3,3-Rearrangement. <i>Synlett</i> , 2010 , 2010, 692-706	2.2	53
52	Gold-catalyzed efficient synthesis of azepan-4-ones via a two-step [5 + 2] annulation. <i>Chemical Communications</i> , 2010 , 46, 3351-3	5.8	61
51	Alkynes as equivalents of alpha-diazo ketones in generating alpha-oxo metal carbenes: a gold-catalyzed expedient synthesis of dihydrofuran-3-ones. <i>Journal of the American Chemical Society</i> , 2010 , 132, 3258-9	16.4	339
50	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. <i>Chemical Communications</i> , 2010 , 46, 9179-81	5.8	50
49	Gold-catalyzed one-step practical synthesis of oxetan-3-ones from readily available propargylic alcohols. <i>Journal of the American Chemical Society</i> , 2010 , 132, 8550-1	16.4	281
48	Gold-catalyzed highly regioselective oxidation of C-C triple bonds without acid additives: propargyl moieties as masked β -unsaturated carbonyls. <i>Journal of the American Chemical Society</i> , 2010 , 132, 14070-2	16.4	194
47	Homogeneous gold-catalyzed oxidative carboheterofunctionalization of alkenes. <i>Journal of the American Chemical Society</i> , 2010 , 132, 1474-5	16.4	349

46	Total synthesis of (+)-lentiginosine via a key Au catalysis. <i>Science China Chemistry</i> , 2010 , 53, 113-118	7.9	20
45	A Modular, Efficient, and Stereoselective Synthesis of Substituted Piperidin-4-ols. <i>Angewandte Chemie</i> , 2010 , 122, 9364-9367	3.6	19
44	A modular, efficient, and stereoselective synthesis of substituted piperidin-4-ols. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 9178-81	16.4	54
43	Gold-Catalyzed Homogeneous Oxidative Cross-Coupling Reactions. <i>Angewandte Chemie</i> , 2009 , 121, 3158-3161	13.1	131
42	Gold-catalyzed homogeneous oxidative cross-coupling reactions. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 3112-5	16.4	298
41	One-pot synthesis of arene-fused 2-acylcyclohexenones from propargylic carboxylates. <i>Science in China Series B: Chemistry</i> , 2009 , 52, 1337-1344		1
40	Gold-catalyzed efficient preparation of linear haloenones from propargylic acetates. <i>Tetrahedron</i> , 2009 , 65, 1846-1855	2.4	71
39	Homogeneous gold-catalyzed efficient oxidative dimerization of propargylic acetates. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009 , 19, 3884-7	2.9	78
38	Gold or no gold: one-pot synthesis of tetrahydrobenz[b]azepin-4-ones from tertiary N-(but-3-ynyl)anilines. <i>Organic Letters</i> , 2009 , 11, 1225-8	6.2	103
37	Practical synthesis of linear alpha-iodo/bromo-alpha,beta-unsaturated aldehydes/ketones from propargylic alcohols via Au/Mo bimetallic catalysis. <i>Organic Letters</i> , 2009 , 11, 3646-9	6.2	123
36	Gold-catalyzed homogeneous oxidative C-O bond formation: efficient synthesis of 1-benzoxyvinyl ketones. <i>Journal of the American Chemical Society</i> , 2009 , 131, 5062-3	16.4	140
35	Unusual Au(III)-catalyzed dimerization of benzoxazol-2-yloxy enynes: Formation of substituted 1,5-cyclooctadienes. <i>Journal of Organometallic Chemistry</i> , 2009 , 694, 520-523	2.3	5
34	A two-step, formal [4 + 2] approach toward piperidin-4-ones via Au catalysis. <i>Journal of the American Chemical Society</i> , 2009 , 131, 8394-5	16.4	188
33	Au-containing all-carbon 1,3-dipoles: generation and [3+2] cycloaddition reactions. <i>Journal of the American Chemical Society</i> , 2008 , 130, 12598-9	16.4	106
32	Au-catalyzed synthesis of (1Z,3E)-2-pivaloxy-1,3-dienes from propargylic pivalates. <i>Journal of the American Chemical Society</i> , 2008 , 130, 3740-1	16.4	147
31	Au-catalyzed synthesis of 5,6-dihydro-8H-indolizin-7-ones from N-(pent-2-en-4-ynyl)-beta-lactams. <i>Organic Letters</i> , 2008 , 10, 5187-90	6.2	52
30	Au(I)-catalyzed efficient synthesis of functionalized bicyclo[3.2.0]heptanes. <i>Journal of the American Chemical Society</i> , 2008 , 130, 6944-5	16.4	104
29	Au-containing all-carbon 1,4-dipoles: generation and [4 + 2] annulation in the formation of carbo-/heterocycles. <i>Journal of the American Chemical Society</i> , 2008 , 130, 1814-5	16.4	204

28	Platinum-catalyzed formation of cyclic-ketone-fused indoles from N-(2-alkynylphenyl)lactams. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 346-9	16.4	136
27	Platinum-Catalyzed Formation of Cyclic-Ketone-Fused Indoles from N-(2-Alkynylphenyl)lactams. <i>Angewandte Chemie</i> , 2008 , 120, 352-355	3.6	38
26	Two-step formal [3+2] cycloaddition of enones/enals and allenyl MOM ether: gold-catalyzed highly diastereoselective synthesis of cyclopentanone enol ether containing an all-carbon quaternary center. <i>Journal of the American Chemical Society</i> , 2007 , 129, 6398-9	16.4	125
25	PtCl ₂ -catalyzed rapid access to tetracyclic 2,3-indoline-fused cyclopentenones: reactivity divergent from cationic Au(I) catalysis and synthetic potential. <i>Journal of the American Chemical Society</i> , 2007 , 129, 11358-9	16.4	151
24	Gold-catalyzed efficient preparation of linear alpha-iodoenones from propargylic acetates. <i>Organic Letters</i> , 2007 , 9, 2147-50	6.2	164
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21	Gold-Catalyzed Intramolecular Redox Reaction of Sulfinyl Alkynes: Efficient Generation of α -Oxo Gold Carbenoids and Application in Insertion into R-CO Bonds. <i>Angewandte Chemie</i> , 2007 , 119, 5248-5251	3.6	104
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19	DFT study of the mechanisms of in water Au(I)-catalyzed tandem [3,3]-rearrangement/Nazarov reaction/[1,2]-hydrogen shift of enynyl acetates: a proton-transport catalysis strategy in the water-catalyzed [1,2]-hydrogen shift. <i>Journal of the American Chemical Society</i> , 2007 , 129, 15503-12	16.4	272
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16	A highly efficient preparative method of alpha-ylidene-beta-diketones via Au(III)-catalyzed acyl migration of propargylic esters. <i>Journal of the American Chemical Society</i> , 2006 , 128, 8414-5	16.4	179
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12	Brønsted acid-promoted cyclizations of siloxy alkynes with unactivated arenes, alkenes, and alkynes. <i>Tetrahedron</i> , 2006 , 62, 11371-11380	2.4	18
11	Gold-catalyzed assembly of heterobicyclic systems. <i>Journal of the American Chemical Society</i> , 2005 , 127, 6962-3	16.4	226

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9	Radical deoxygenation of hydroxyl groups via phosphites. <i>Journal of the American Chemical Society</i> , 2004 , 126, 13190-1	16.4	55
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