

Gold-Catalyzed Reactions of Specially Activated Alkyne

Chemical Reviews

121, 8756-8867

DOI: [10.1021/acs.chemrev.0c00788](https://doi.org/10.1021/acs.chemrev.0c00788)

Citation Report

#	ARTICLE	IF	CITATIONS
1	The interplay of carbophilic activation and Au(I)/Au(III) catalysis: an emerging technique for 1,2-difunctionalization of C=C multiple bonds. <i>Chemical Society Reviews</i> , 2021, 50, 10422-10450.	18.7	101
2	Enantioselective Au(I)-catalyzed dearomatization of 1-naphthols with allenamides through Tethered Counterion-Directed Catalysis. <i>Chemical Communications</i> , 2021, 57, 10779-10782.	2.2	11
3	Divergent Gold Catalysis: Unlocking Molecular Diversity through Catalyst Control. <i>Chemical Reviews</i> , 2021, 121, 8478-8558.	23.0	176
4	Silver-Free Catalysis with Gold(I) Chloride Complexes. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 1099-1117.	2.0	30
5	New Chiral BINOL-Based Phosphates for Enantioselective [Au(I)]-Catalyzed Dearomatization of 1-Naphthols with Allenamides. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 1732-1736.	1.2	15
6	Gold-Catalyzed 1,2-Aminoarylation of Alkenes with External Amines. <i>ACS Catalysis</i> , 2021, 11, 4576-4582.	5.5	53
7	From Propargylic Alcohols to Substituted Thiochromenes: <i>gem</i> -Disubstituent Effect in Intramolecular Alkyne Iodo/hydroarylation. <i>Journal of Organic Chemistry</i> , 2021, 86, 7078-7091.	1.7	15
8	Gold-Catalyzed Access to Isophosphinoline 2-Oxides. <i>Journal of Organic Chemistry</i> , 2021, 86, 7813-7824.	1.7	6
9	Au(I) Catalyzed Synthesis of Densely Substituted Pyrazolines and Dihydropyridines via Sequential Aza-Enyne Metathesis/6 π -Electrocyclization. <i>Organic Letters</i> , 2021, 23, 3981-3985.	2.4	2
10	Hetero-Tetradehydro-Diels-Alder Cycloaddition of Enynamides and Cyanamides: Gold-Catalyzed Generation of Diversely Substituted 2,6-Diaminopyridines. <i>Journal of Organic Chemistry</i> , 2021, 86, 7218-7228.	1.7	14
11	Electro-alkynylation: Intramolecular Rearrangement of Trialkynylorganoborates for Chemoselective C(sp ²)-C(sp) Bond Formation. <i>Organic Letters</i> , 2021, 23, 4179-4184.	2.4	8
12	Gold-Catalyzed Skeletal Rearrangement of Alkenes: Regioselective Synthesis of Skeletally Diverse Tricyclic Heterocycles and Mechanistic Investigations. <i>ACS Catalysis</i> , 2021, 11, 6951-6959.	5.5	27
13	Au(I)-Catalyzed Oxidative Functionalization of Yndiamides. <i>Organic Letters</i> , 2021, 23, 4888-4892.	2.4	11
14	Indolizy Carbene Ligand. Evaluation of Electronic Properties and Applications in Asymmetric Gold(I) Catalysis. <i>Angewandte Chemie</i> , 2021, 133, 20032-20041.	1.6	0
15	Indolizy Carbene Ligand. Evaluation of Electronic Properties and Applications in Asymmetric Gold(I) Catalysis. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 19879-19888.	7.2	11
16	Gold(I)-Catalyzed Intermolecular Formal [4+2] Cycloaddition of O-Aryl Ynol Ethers and Enol Ethers: Synthesis of Chromene Derivatives. <i>Chemistry - A European Journal</i> , 2021, 27, 13079-13084.	1.7	3
17	Gold-Catalyzed Transformation of Ynamides. <i>Chemical Record</i> , 2021, 21, 4123-4149.	2.9	30
18	Synthesis of Polysubstituted Fused Pyrroles by Gold-Catalyzed Cycloisomerization/1,2-Sulfonyl Migration of Yndiamides. <i>Organic Letters</i> , 2021, 23, 6547-6552.	2.4	14

#	ARTICLE	IF	CITATIONS
19	Gold-Catalyzed Reactions of 2-Alkynyl-1-Indolyl-2-diols with Thiols: Stereoselective Synthesis of (<i>Z</i>)-1-Indolyl-3-yl-(2-Thioalkenyl) Ketones. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 132-138.	2.1	6
20	Gold(I)-Catalyzed Indole Synthesis through Aza-Nazarov-Type Cyclization of α -Amino Gold Carbene Complexes and Arenes. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 5272-5278.	2.1	6
21	Gold-Catalyzed Nitrene Transfer from Benzofuroxans to <i>N</i> -Allylynamides: Synthesis of 3-Azabicyclo[3.1.0]hexanes. <i>Journal of Organic Chemistry</i> , 2021, 86, 12964-12972.	1.7	12
22	Advances in mercury(II)-salt-mediated cyclization reactions of unsaturated bonds. <i>Beilstein Journal of Organic Chemistry</i> , 2021, 17, 2348-2376.	1.3	2
23	Media-Driven Pd-Catalyzed Reaction Cascades with 1,3-Dynamides Leading Selectively to Either Indoles or Quinolines. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22729-22734.	7.2	6
24	Media-Driven Pd-Catalyzed Reaction Cascades with 1,3-Dynamides Leading Selectively to Either Indoles or Quinolines. <i>Angewandte Chemie</i> , 2021, 133, 22911.	1.6	1
25	A dicoordinate gold(η^2 -ethylene) complex. <i>Chemical Communications</i> , 2021, 57, 9280-9283.	2.2	12
26	One-pot synthesis of tetrasubstituted 2-aminofurans <i>via</i> Au-catalyzed cascade reaction of ynamides with propargylic alcohols. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 9396-9400.	1.5	4
27	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.	2.4	10
28	Straightforward Synthesis of Indenes by Gold-Catalyzed Intramolecular Hydroalkylation of Ynamides. <i>ACS Organic & Inorganic Au</i> , , .	1.9	4
29	Divergent and Modular Synthesis of Terpenoid Scaffolds via a Au(I) Catalyzed One-Pot Cascade. <i>Angewandte Chemie</i> , , .	1.6	0
30	Divergent and Modular Synthesis of Terpenoid Scaffolds via a Au ^I Catalyzed One-Pot Cascade. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	4
31	An asymmetric oxidative cyclization/Mannich-type addition cascade reaction for direct access to chiral pyrrolidin-3-ones. <i>Chemical Communications</i> , 2021, 57, 12171-12174.	2.2	7
32	Enantioselective Allenation of Terminal Alkynes Catalyzed by Copper Halides of Mixed Oxidation States and Its Application to the Total Synthesis of Scorodinin. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	11
33	EATA Reaction Catalyzed by Copper Halides of Mixed Oxidation States and Its Application to Total Synthesis of Scorodinin. <i>Angewandte Chemie</i> , , .	1.6	0
34	Gold self-relay catalysis for accessing functionalized cyclopentenones bearing an all-carbon quaternary stereocenter. <i>Organic Chemistry Frontiers</i> , 2021, 9, 140-146.	2.3	12
35	Gold-catalysed synthesis of phosphonate-substituted oxetan-3-ones – an easy access to highly strained HWE reagents. <i>Organic Chemistry Frontiers</i> , 2021, 9, 117-122.	2.3	1
36	Redox-Neutral and Atom-Economic Route to \hat{I}^2 -Carbolines via Gold-Catalyzed [4 + 2] Cycloaddition of Indolylnamides and Cyanamides. <i>Journal of Organic Chemistry</i> , 2021, 86, 17804-17815.	1.7	13

#	ARTICLE	IF	CITATIONS
37	Gold(I)-Catalyzed Selective Cyclization and 1,2-Shift to Prepare Pseudorutaecarpine Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 787-793.	2.1	15
38	Gold Self-Relay Catalysis Enabling [3,3]-Sigmatropic Rearrangement/Nazarov Cyclization and Allylic Alkylation Cascade for Constructing All-Carbon Quaternary Stereocenters. <i>Chinese Journal of Chemistry</i> , 2022, 40, 687-692.	2.6	13
39	Controlling the Gold(I)-Catalyzed 1,5-Allenene Reaction: Construction of Fused Rings with Excellent Diastereoselectivity. <i>Organic Letters</i> , 2021, 23, 9635-9639.	2.4	8
40	From Thioureas to Thioquinolines through Isolated Benzothiazines by Gold Catalysis. <i>Chemistry - A European Journal</i> , 2021, 27, 18029-18032.	1.7	2
41	Enantioselective C-H Functionalization Reactions under Gold Catalysis. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	31
42	Palladium-catalyzed alkynylative [5 + 1] carboannulation of 1,3-diarylprop-2-yn-1-yl acetates with terminal alkynes enabled by C-H functionalization. <i>Organic Chemistry Frontiers</i> , 0, .	2.3	1
43	Electrochemical fluorosulfonylation of alkenes to access vicinal fluorinated sulfones derivatives. <i>Tetrahedron</i> , 2022, 106-107, 132651.	1.0	5
44	Ferrocenyl Gold Complexes as Efficient Catalysts. <i>European Journal of Inorganic Chemistry</i> , 2022, .	1.0	7
45	Enantioselective Cascade Annulation of α -Amino β -kynones and Enals Enabled by Gold and Oxidative NHC Relay Catalysis. <i>Angewandte Chemie</i> , 0, .	1.6	3
46	Boosting Gold(I) Catalysis via Weak Interactions: New Fine-Tunable Impy Ligands. <i>ACS Organic & Inorganic Au</i> , 2022, 2, 229-235.	1.9	6
47	Enantioselective Cascade Annulation of α -Amino β -kynones and Enals Enabled by Gold and Oxidative NHC Relay Catalysis. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	17
48	Selectivity, Speciation, and Substrate Control in the Gold-Catalyzed Coupling of Indoles and Alkynes. <i>Organometallics</i> , 2022, 41, 497-507.	1.1	5
49	Merging Gold/Copper Catalysis and Copper/Photoredox Catalysis: An Approach to Alkyl Oxazoles from <i>N</i> -Propargylamides. <i>Journal of Organic Chemistry</i> , 2021, 86, 18247-18256.	1.7	16
50	Divergent Synthesis of [3,4]-Fused 3-Alkenyl-Oxindoles via Propargyl Alcohol-Triggered C(sp ³)-H Functionalization. <i>ACS Catalysis</i> , 2022, 12, 943-952.	5.5	38
51	Straightforward Synthesis of α -Chloromethylketimines Catalyzed by Gold(I). A Clean Way to Building Blocks. <i>Journal of Organic Chemistry</i> , 2022, 87, 3114-3122.	1.7	2
52	Gold(I)-Mediated Rapid Cyclization of Propargylated Peptides via Imine Formation. <i>Journal of the American Chemical Society</i> , 2022, 144, 4966-4976.	6.6	6
53	Revisiting the Bonding Model for Gold(I) Species: The Importance of Pauli Repulsion Revealed in a Gold(I)-Cyclobutadiene Complex. <i>Angewandte Chemie</i> , 0, .	1.6	0
54	Revisiting the Bonding Model for Gold(I) Species: The Importance of Pauli Repulsion Revealed in a Gold(I)-Cyclobutadiene Complex. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	8

#	ARTICLE	IF	CITATIONS
55	Dicoordinate Au(I)â€“Ethylene Complexes as Hydroamination Catalysts. ACS Catalysis, 2022, 12, 4227-4241.	5.5	15
56	Palladiumâ€Catalyzed Regiodivergent Synthesis of 1,3â€Dienyl and Allyl Esters from Propargyl Esters. Angewandte Chemie - International Edition, 2022, 61, .	7.2	11
57	Silyliumâ€Catalyzed Alkynylation and Etherification Reactions of Benzylic Acetates. European Journal of Organic Chemistry, 2022, 2022, .	1.2	2
58	Palladiumâ€Catalyzed Regiodivergent Synthesis of 1,3â€Dienyl and Allyl Esters from Propargyl Esters. Angewandte Chemie, 0, , .	1.6	1
59	Iridium-catalyzed oxidative coupling and cyclization of NH isoquinolones with olefins leading to isoindolo[2,1-b]isoquinolin-5(7H)-one derivatives. Tetrahedron Letters, 2022, 97, 153779.	0.7	3
60	Highly selective cross-coupling reactions of 1,1-dibromoethylenes with alkynylaluminums for the synthesis of aryl substituted conjugated enediynes and unsymmetrical 1,3-diynes. RSC Advances, 2022, 12, 13314-13318.	1.7	1
61	Recent advances in gold-complex and chiral organocatalyst cooperative catalysis for asymmetric alkyne functionalization. Chinese Chemical Letters, 2022, 33, 4969-4979.	4.8	26
62	Efficient Synthesis of Dipyrrolobenzenes and Dipyrrolopyrazines <i>via</i> Bidirectional Gold Catalysis: a Combined Synthetic and Photophysical Study. Journal of the American Chemical Society, 2022, 144, 8306-8316.	6.6	16
63	Recent Advances in Catalytic Alkyne Transformation via Copper Carbene Intermediates. Molecules, 2022, 27, 3088.	1.7	10
64	Merging gold catalysis and haloethynyl frames: Emphasis on halide-shift processes. Tetrahedron Letters, 2022, 99, 153857.	0.7	3
65	Regio- and Diastereoselective Construction of Functionalized Benzo[<i>b</i>]oxepines and Benzo[<i>b</i>]azepines via Recyclable Gold(I)-Catalyzed Cyclizations. Journal of Organic Chemistry, 2022, 87, 7239-7252.	1.7	5
66	Synthesis of Monoâ€fluoroallenes through <sc>Copperâ€Catalyzed</sc> Defluorinative Silylation of Î±, <sc>Î±â€Difluoroalkylalkynes</sc>. Chinese Journal of Chemistry, 2022, 40, 2035-2039.	2.6	3
67	Synthesis of (2-(Quinolin-2-yl)phenyl)carbamates by a One-Pot Friedelâ€Crafts Reaction/Oxidative Umpolung Aza-Grob Fragmentation Sequence. Journal of Organic Chemistry, 2022, 87, 7852-7863.	1.7	3
68	Recyclable gold(I)-catalyzed hydrohydrazidation of terminal alkynes towards keto-N-acylhydrazones. Journal of Organometallic Chemistry, 2022, , 122411.	0.8	0
69	Transition-Metal-Catalyzed Carbonylative Multifunctionalization of Alkynes. Journal of Organic Chemistry, 2023, 88, 4975-4994.	1.7	14
70	Entropyâ€Induced Selectivity Switch in Gold Catalysis: Fast Access to Indolo[1,2â€a]quinolines. Chemistry - A European Journal, 0, , .	1.7	11
71	Hâ€Bonded Counterionâ€Directed Catalysis: Enantioselective Gold(I)â€Catalyzed Addition to 2â€Alkynyl Enones as a Case Study. European Journal of Organic Chemistry, 2022, 2022, .	1.2	6
72	Gold(I)-Catalyzed Selective Hydroarylation of Indoles with Haloalkynes. Organic Letters, 2022, 24, 4689-4693.	2.4	7

#	ARTICLE	IF	CITATIONS
73	Convenient synthesis of tricyclic N(1)-C(2)-fused oxazino-indolones via [Au]-catalyzed hydrocarboxylation of allenes. <i>Chemical Communications</i> , 2022, 58, 8698-8701.	2.2	4
74	Gold(I)-Catalyzed Cycloisomerization-Indole Addition Cascade: Synthesis of 3(2-H-Furanone-Incorporated Unsymmetrical 3,3-Bis(indolyl)methanes. <i>Organic Letters</i> , 2022, 24, 4930-4934.	2.4	9
75	Gold(I)-Catalyzed Heteroannulation of Salicylic Amides with Alkynes: Synthesis of 1,3-Benzoxazin-4-one Derivatives. <i>Organic Letters</i> , 2022, 24, 5684-5687.	2.4	5
76	Synthesis of Benzofuran Derivates via a Gold-Catalyzed Claisen Rearrangement Cascade. <i>Organic Letters</i> , 2022, 24, 5829-5834.	2.4	9
77	Formation and Intramolecular Capture of λ^2 -Imino Gold Carbenoids in the Au(I)-Catalyzed [3 + 2] Reaction of Anthranils, 1,2,4-Oxadiazoles, and 4,5-Dihydro-1,2,4-Oxadiazoles with Ynamides. <i>Catalysts</i> , 2022, 12, 915.	1.6	1
78	Reactive sensing of gold (III) by coumarin tethered fluorescent probe through alkyne activation. <i>Journal of the Indian Chemical Society</i> , 2022, 99, 100670.	1.3	2
79	Intramolecular activation of strong Si-O bonds by gold: regioselective synthesis of 3-bromo-2-silylbenzofurans. <i>Chemical Communications</i> , 2022, 58, 9250-9253.	2.2	1
80	Au(I) as a π -Lewis Base Catalyst: Controlled Synthesis of Sterically Congested Bis(triflyl)enals from λ^2 -Allenols. <i>ACS Catalysis</i> , 2022, 12, 11675-11681.	5.5	6
81	Gold-catalyzed carbocyclization and imidization of alkyne-tethered diazo compounds with nitrosoarenes for the synthesis of nitrones and naphthalene derivatives. <i>Molecular Diversity</i> , 0, .	2.1	0
82	Gold(I)-Catalyzed Tandem Intramolecular Methoxylation/Double Aldol Condensation Strategy Yielding 2,2-Spirobi[indene] Derivatives. <i>Organic Letters</i> , 2022, 24, 6777-6782.	2.4	2
83	Access to Azepino-Annulated Benzo[<i>c</i>]carbazoles Enabled by Gold-Catalyzed Hydroarylation of Alkynylindoles and Subsequent Oxidative Cyclization. <i>Organic Letters</i> , 2022, 24, 6505-6509.	2.4	9
84	Gold(I)-Catalyzed Tandem Cyclization/Hydroarylation of <i>o</i> -Alkynylphenols with Haloalkynes. <i>Journal of Organic Chemistry</i> , 2022, 87, 14374-14383.	1.7	11
85	On the Role of Noncovalent Ligand-Substrate Interactions in Au(I) Catalysis: An Experimental and Computational Study of Protodeauration. <i>ACS Catalysis</i> , 2022, 12, 13158-13163.	5.5	4
86	Enantioselective Synthesis of [5]Helicenes Containing Two Additional Chiral Axes. <i>Israel Journal of Chemistry</i> , 2023, 63, .	1.0	5
87	Synthesis of Phenanthrene-Based Polycycles by Gold(I)-Catalyzed Cyclization of Biphenyl-Embedded Trienynes. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 3960-3966.	2.1	1
88	Gold(I) Catalysis Applied to the Stereoselective Synthesis of Indeno[2,1- <i>b</i>]thiochromene Derivatives and Seleno Analogues. <i>Organic Letters</i> , 2022, 24, 8077-8082.	2.4	8
89	Gold(I)-Catalyzed Benzylic C(sp ³)-H Functionalizations: Divergent Synthesis of Indole[<i>a</i>] and [<i>b</i>] Fused Polycycles**. <i>Angewandte Chemie - International Edition</i> , 2023, 62, .	7.2	17
90	Gold(I)-Catalyzed Benzylic C(sp ³)-H Functionalizations: Divergent Synthesis of Indole[<i>a</i>] and [<i>b</i>] Fused Polycycles**. <i>Angewandte Chemie</i> , 2023, 135, .	1.6	2

#	ARTICLE	IF	CITATIONS
91	Gold(III) Catalyzed Overman Rearrangements: Controlling Steric Interactions using Pincer-Type Ligands. <i>ChemCatChem</i> , 2022, 14, .	1.8	1
92	Synthesis of $\hat{\text{I}}^2$ -Allenylamines by Addition of Chloroprene Grignards to <i>N</i> -Boc Imines. <i>Organic Letters</i> , 2022, 24, 7967-7971.	2.4	0
93	Spectroscopic Manifestations and Implications for Catalysis of Quasi- C_{10} Configurations in Formal Gold(III) Complexes. <i>Angewandte Chemie</i> , 2023, 135, .	1.6	1
94	Spectroscopic Manifestations and Implications for Catalysis of Quasi- C_{10} Configurations in Formal Gold(III) Complexes. <i>Angewandte Chemie - International Edition</i> , 0, , .	7.2	6
95	Total Synthesis of Natural Products using Gold Catalysis. <i>Chemistry - an Asian Journal</i> , 2022, 17, .	1.7	12
96	Silver Dependent Enantiodivergent Gold(I) Catalysed Asymmetric Intramolecular Hydroamination of Alkenes: A Theoretical Study. <i>Catalysts</i> , 2022, 12, 1392.	1.6	1
97	Collective Total Syntheses of Benzo[<i>c</i>]phenanthridine Alkaloids via a Sequential Transition Metal-Catalyzed Pot-Economic Approach. <i>Organic Letters</i> , 2022, 24, 8310-8315.	2.4	4
98	Digold Phosphinine Complexes Are Stable with a Bis(Phosphinine) Ligand but Not with a 2-Phosphinophosphinine. <i>Inorganics</i> , 2022, 10, 203.	1.2	1
99	Functionalized Chromans from <i>ortho</i> -Quinone Methides and Arylallenes. <i>Journal of Organic Chemistry</i> , 2022, 87, 15863-15887.	1.7	3
100	Gold-catalyzed formal (3 + 2) and (4 + 2) cycloadditions of alkynes to highly functionalized dihydropyrroles and tetrahydropyridines. <i>Organic Chemistry Frontiers</i> , 2023, 10, 680-685.	2.3	2
101	Late-stage diversification strategy for synthesizing ynamides through copper-catalyzed diynylation and azide-alkyne cycloaddition. <i>Chemical Communications</i> , 2023, 59, 450-453.	2.2	5
102	An MCM-41-immobilized dichloro(pyridine-2-carboxylato)gold(III) complex: an efficient and recyclable catalyst for the annulation of anthranils and ynamides. <i>Dalton Transactions</i> , 2023, 52, 806-817.	1.6	1
104	Intramolecular hydroamination catalysed by gold nanoparticles deposited on fibrillated cellulose. <i>Scientific Reports</i> , 2022, 12, .	1.6	0
105	I^2 -Catalyzed Cycloisomerization of Ynamides: Chemoselective and Divergent Access to Indole Derivatives. <i>Angewandte Chemie</i> , 2023, 135, .	1.6	0
106	I^2 -Catalyzed Cycloisomerization of Ynamides: Chemoselective and Divergent Access to Indole Derivatives. <i>Angewandte Chemie - International Edition</i> , 2023, 62, .	7.2	8
107	Recent Advances in Gold(I)-Catalyzed Approaches to Three-Type Small-Molecule Scaffolds via Arylalkyne Activation. <i>Molecules</i> , 2022, 27, 8956.	1.7	2
108	Gold-Catalyzed Intermolecular Alkyne Insertion into the N-S Bond in Sulfenamides. <i>Organic Letters</i> , 2022, 24, 9264-9268.	2.4	2
109	Mechanosynthesis of Triazolylbis(indolyl)methane Pharmacophores via Gold Catalysis: A Prelude to Molecular Electronic Properties and Biological Potency. <i>ChemMedChem</i> , 0, , .	1.6	3

#	ARTICLE	IF	CITATIONS
110	Gold-Catalyzed [4 + 1] Heterocyclization of Hydroxamic Acid and Nonactivated Alkyne: A Protocol to Construct 5-Methyl-1,4,2-dioxazole. <i>Journal of Organic Chemistry</i> , 2023, 88, 433-441.	1.7	2
111	Flexible Synthesis of Benzofuranones from <i>ortho</i> -Alkynyl Phenols or Benzofurans. <i>European Journal of Organic Chemistry</i> , 2023, 26, .	1.2	3
112	Computational Understanding of Dual Gold and Photoredox-Catalyzed Regioselective Thiosulfonylation of Alkenes. <i>Journal of Organic Chemistry</i> , 2023, 88, 1107-1112.	1.7	5
113	Gold-Catalyzed Alkyne Multifunctionalization through an Oxidation–Oxyalkylation–Aryloxylation Sequence. <i>Organic Letters</i> , 2023, 25, 405-409.	2.4	3
114	Heteroatom-substituted alkynes as three-atom components in (3+2) cycloadditions. <i>Cell Reports Physical Science</i> , 2023, 4, 101212.	2.8	1
115	L-shaped Heterobidentate Imidazo[1,5- <i>a</i>]pyridin-3-ylidene (N,C)-Ligands for Oxidant-Free Au ^I /Au ^{III} Catalysis. <i>Angewandte Chemie</i> , 2023, 135, .	1.6	1
116	L-shaped Heterobidentate Imidazo[1,5- <i>a</i>]pyridin-3-ylidene (N,C)-Ligands for Oxidant-Free Au ^I /Au ^{III} Catalysis. <i>Angewandte Chemie - International Edition</i> , 2023, 62, .	7.2	17
117	Heart of gold: enabling ligands for oxidative addition of haloorganics in Au(^I)/Au(^{III}) catalysed cross-coupling reactions. <i>Organic and Biomolecular Chemistry</i> , 2023, 21, 1629-1646.	1.5	2
118	Two-dimensional porous vermiculite-based nanocatalysts for synergetic catalytic therapy. <i>Biomaterials</i> , 2023, 295, 122031.	5.7	17
119	Dodging the Conventional Reactivity of <i>ortho</i> -Alkynylanilines under Gold Catalysis for Distal 7-endo-dig Cyclization. <i>Journal of Organic Chemistry</i> , 2023, 88, 2260-2287.	1.7	3
120	Regio- and stereospecific <i>cis</i> -hydrophenoxylation of ynamides with acidic phenols. <i>Organic and Biomolecular Chemistry</i> , 2023, 21, 3073-3078.	1.5	1
121	Silylium-Catalyzed Regio- and Stereoselective Carbosilylation of Ynamides with Allylic Trimethylsilanes. <i>Organic Letters</i> , 2023, 25, 1020-1024.	2.4	3
122	Rapid access to C2-quaternary 3-methyleneindolines via base-mediated post-Ugi Conia-ene cyclization. <i>Chemical Communications</i> , 2023, 59, 3099-3102.	2.2	2
123	Gold Complexes with Hydrophilic N-Heterocyclic Carbene Ligands and Their Contribution to Aqueous-Phase Catalysis. <i>Catalysts</i> , 2023, 13, 436.	1.6	0
124	Gold self-relay catalysis enabling annulative oxygenation of propargylic alcohols with O-nucleophiles. <i>Chemical Communications</i> , 2023, 59, 4032-4035.	2.2	6
125	Highlighting the Rich Chemistry of the Allenone Moiety. <i>Advanced Synthesis and Catalysis</i> , 2023, 365, 1332-1384.	2.1	3
126	Gold-catalyzed <i>endo</i> -selective cyclization of alkynylcyclobutanecarboxamides: synthesis of cyclobutane-fused dihydropyridones. <i>Organic and Biomolecular Chemistry</i> , 2023, 21, 2705-2708.	1.5	0
127	Fluorination of λ^{\pm} -Imino Gold Carbenes to Access C ₃ -Fluorinated Aza-Heterocycles. <i>ACS Catalysis</i> , 2023, 13, 4391-4397.	5.5	4

#	ARTICLE	IF	CITATIONS
128	Generation and Utility of Cyclic Dienyl Gold Carbene Intermediates. ACS Catalysis, 2023, 13, 4646-4655.	5.5	8
129	Gold-catalyzed multicomponent reactions. Organic Chemistry Frontiers, 2023, 10, 2359-2384.	2.3	8
130	Gold-Catalyzed Cascade Reaction of Diynamides with Allylic Alcohols: A Versatile Platform to Allenamide, 2-aminofuran and Bridged [2.2.2]Octadiene Derivatives. Chemistry - A European Journal, 0, , .	1.7	1
131	A hemilabile NHC-gold complex and its application to the redox neutral 1,2-oxyarylation of feedstock alkenes. Angewandte Chemie, 0, , .	1.6	0
132	A Hemilabile NHC-Gold Complex and its Application to the Redox Neutral 1,2-Oxyarylation of Feedstock Alkenes. Angewandte Chemie - International Edition, 2023, 62, .	7.2	7
133	Acceleration of Stepwise Carbon-Polygold Bonding Cleavage in Hypercoordinated Carbon-Centered Gold(I) Clusters. Inorganic Chemistry, 2023, 62, 6147-6154.	1.9	0
134	Au σ M bonds promote catalytic alkyne hydrofunctionalisation. Chemical Communications, 2023, 59, 5459-5462.	2.2	1
135	Quantum Mechanical Prediction and Experimental Verification of Au(I)-Catalyzed Substitution-Controlled Syntheses of 1-H-Pyrido[4,3-b]indole and Spiro[indoline-3,3'-pyridine] Derivatives. Journal of Organic Chemistry, 2023, 88, 5483-5496.	1.7	1
136	Regio- and stereoselective oxidative conversion of alkynes to sulfenylated α,β -unsaturated carbonyls. Organic Chemistry Frontiers, 2023, 10, 2416-2421.	2.3	6
137	Gold-Catalyzed Anti-Markovnikov Oxidation of Au-Allenylidene to Generate Alkylidene Ketene. Organic Letters, 2023, 25, 2798-2805.	2.4	1
158	Spiroindoles as Intermediates/Products in Transition Metal-Catalyzed Dearomatization of Indoles. ACS Catalysis, 2023, 13, 9442-9475.	5.5	11
166	Diastereoselective Halogenation Reactions. , 2023, , .		0
167	Metal complex catalysts broaden bioorthogonal reactions. Science China Chemistry, 2024, 67, 428-449.	4.2	1
170	Activation of alkynes by chalcogen bonding: a Se \cdots interaction catalyzed intramolecular cyclization of 1,6-diyne. Chemical Communications, 2023, 59, 12278-12281.	2.2	1
172	The literature of heterocyclic chemistry, Part XXI, 2021. Advances in Heterocyclic Chemistry, 2024, , 139-226.	0.9	0
189	Cascade hydroarylation/Diels-Alder cycloaddition of alkynylindoles with electron-deficient alkynes and alkenes. Chemical Communications, 2024, 60, 328-331.	2.2	1