

# [4+2] and [4+3] catalytic cycloadditions of allenes

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Computational Approaches to Homogeneous Gold Catalysis. Topics in Current Chemistry, 2014, 357, 213-283.	4.0	28
2	AlCl <sub>3</sub> -Promoted Selective Michael Addition with Allenolate and Methyleneindolinone: Synthesis of Spirocyclic Oxindole by Using Allenolate as a Four-Carbon Component Building Block. Journal of Organic Chemistry, 2014, 79, 11161-11169.	1.7	23
3	Taming Gold(I)-Counterion Interplay in the Dearomatization of Indoles with Allenamides. Chemistry - A European Journal, 2014, 20, 9875-9878.	1.7	85
4	Gold(I)-Catalyzed Polycyclization of Linear Dienenynes to Seven-Membered Ring-Containing Polycycles via Tandem Cyclopropanation/Cope Rearrangement/C-H Activation. Organic Letters, 2014, 16, 5898-5901.	2.4	53
5	Tandem Michael addition/imine isomerization/intramolecular [3+2] cycloaddition for the regiospecific synthesis of cyclohepta[b]pyrroles. Chemical Communications, 2014, 50, 11039.	2.2	9
6	Hypervalent Iodine Mediated Oxidative Amination of Allenes. Organic Letters, 2014, 16, 4750-4753.	2.4	24
7	The Au(I) Catalyzed Activation of Allenamides and Their Subsequent Transformation into Chromanes: A Method for the Regiocontrolled Addition to the $\hat{1}$ - and $\hat{3}$ -Positions of the Allene Unit. Organic Letters, 2014, 16, 4606-4609.	2.4	26
8	Gold-Catalyzed Intermolecular Synthesis of Alkylidenecyclopropanes through Catalytic Allene Activation. Chemistry - A European Journal, 2014, 20, 10636-10639.	1.7	39
12	Alkene-Directed $\hat{N}$ -Attack Chemoselectivity in the Gold-Catalyzed [2+2+1] Annulations of 1,6-Enynes with $\hat{N}$ -Hydroxyanilines. Angewandte Chemie - International Edition, 2015, 54, 14924-14928.	7.2	33
13	Homogeneous Gold Catalysis. Topics in Current Chemistry, 2015, , .	4.0	26
14	Reaction of $\hat{2}$ -enaminones and acetylene dicarboxylates: synthesis of substituted 1,2-dihydropyridinones. Organic and Biomolecular Chemistry, 2015, 13, 3011-3023.	1.5	18
15	Methyltrioxorhenium-catalyzed highly selective dihydroxylation of 1,2-allenyl diphenyl phosphine oxides. Chemical Communications, 2015, 51, 7439-7442.	2.2	16
16	Regioselective annulation of nitrosopyridine with alkynes: straightforward synthesis of N-oxide-imidazopyridines. Chemical Communications, 2015, 51, 6119-6122.	2.2	23
17	Gold-catalyzed [2 + 2 + 2] cycloaddition of allenamides, alkenes and aldehydes: a straightforward approach to tetrahydropyrans. Chemical Science, 2015, 6, 2903-2908.	3.7	61
18	Gold-catalyzed formal [4 $\pi$ + 2 $\pi$ ]-cycloadditions of propiolate derivatives with unactivated nitriles. Chemical Science, 2015, 6, 5964-5968.	3.7	38
19	Enantioselective gold-catalyzed intermolecular [2+2] $\hat{N}$ -versus [4+2]-cycloadditions of 3-styrylindoles with $\hat{N}$ -allenamides: observation of interesting substituent effects. Chemical Science, 2015, 6, 5564-5570.	3.7	106
20	Copper-catalyzed C-C bond-forming transformation of CO <sub>2</sub> to alcohol oxidation level: selective synthesis of homoallylic alcohols from allenenes, CO <sub>2</sub> , and hydrosilanes. Chemical Communications, 2015, 51, 13020-13023.	2.2	63
21	Gold-catalyzed formal [4 $\pi$ +2 $\pi$ ]-cycloadditions of tert-butyl propiolates with aldehydes and ketones to form 4H-1,3-dioxine derivatives. Chemical Communications, 2015, 51, 13004-13007.	2.2	23

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23	Cu-catalyzed oxidative Povarov reactions between N-alkyl N-methylanilines and saturated oxa- and thia-cycles. <i>Chemical Communications</i> , 2015, 51, 6625-6628.	2.2	58
24	Divergence in the Reactivity between Amine- and Phosphine-Catalyzed Cycloaddition Reactions of Allenates with Enynals: One-Pot Gold-Catalyzed Synthesis of Trisubstituted Benzofurans from the [3 + 2] Cycloadduct via 1,2-Alkyl Migration and Dehydrogenation. <i>Journal of Organic Chemistry</i> , 2015, 80, 4084-4096.	1.7	60
25	(4+1) vs (4+2): Catalytic Intramolecular Coupling between Cyclobutanones and Trisubstituted Allenes via C=C Activation. <i>Journal of the American Chemical Society</i> , 2015, 137, 13715-13721.	6.6	122
26	Diverse synthesis of pyrano[2,3-b]indol and dihydropyrano[2,3-b]indol via tunable Lewis bases catalyzed domino reactions. <i>Tetrahedron</i> , 2015, 71, 7706-7716.	1.0	27
27	Spontaneous resolution upon crystallization of allenyl-bis-phosphine oxides. <i>Chemical Communications</i> , 2015, 51, 7168-7171.	2.2	22
28	A simple one-pot preparation of N-allenyl amides, ureas, carbamates and sulfonamides using a DMSO/tBuOK protocol. <i>Tetrahedron Letters</i> , 2015, 56, 350-352.	0.7	19
29	Recent applications of chiral allenenes in axial-to-central chirality transfer reactions. <i>Tetrahedron</i> , 2015, 71, 7-18.	1.0	102
30	Quinidine-catalysed Enantioselective Synthesis of 6- and 4-trifluoromethyl-substituted Dihydropyrans. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 3619-3624.	1.2	20
31	Recent Advances in Gold-catalyzed N- and O-functionalizations of Alkynes with Nitrones, Nitroso, Nitro and Nitroxy Species. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 1348-1367.	2.1	242
32	Rhodium-catalyzed [5+2] Cycloaddition of 3-acyloxy-1,4-enyne with Alkene or Allene. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 2007-2011.	2.1	16
33	N-Allenyl Amides and O-Allenyl Ethers in Enantioselective Catalysis. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 3135-3142.	1.2	46
34	Iron-Catalyzed Dehydrogenative [4 + 2] Cycloaddition of Tertiary Anilines and Enamides for the Synthesis of Tetrahydroquinolines with Amido-Substituted Quaternary Carbon Centers. <i>ACS Catalysis</i> , 2016, 6, 3473-3477.	5.5	56
35	(1 <i>H</i> -Tetrazol-5-yl)-Allenenes: Building Blocks for Tetrazolyl Heterocycles. <i>Journal of Organic Chemistry</i> , 2016, 81, 9028-9036.	1.7	17
36	Chirality transfer in metal-catalysed intermolecular addition reactions involving allenenes. <i>Organic Chemistry Frontiers</i> , 2016, 3, 1186-1204.	2.3	81
37	Suzuki coupling for preparation of allenenes - ligand effects and chirality transfer. <i>Organic Chemistry Frontiers</i> , 2016, 3, 1705-1710.	2.3	27
38	Palladium(II)-catalyzed Regio- and Stereoselective Hydroarylation of Diphenylphosphorylallenenes with Arylboronic Acids in the Presence of Sodium Hydroxide and Oxygen. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 2849-2854.	2.1	14
39	Regiodivergent Intermolecular [3+2] Cycloadditions of Vinyl Aziridines and Allenenes: Stereospecific Synthesis of Chiral Pyrrolidines. <i>Angewandte Chemie</i> , 2016, 128, 11002-11006.	1.6	12
40	Regiodivergent Intermolecular [3+2] Cycloadditions of Vinyl Aziridines and Allenenes: Stereospecific Synthesis of Chiral Pyrrolidines. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10844-10848.	7.2	58

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41	Synthesis of Tricyclic Isoquinoline Derivatives <i>via</i> Palladium-Catalyzed Tandem Reactions of 2,7-Alkadiynyl Carbonates with 2,3-Allenyl Sulfamides. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 2791-2805.	2.1	8
42	Nickel-Catalyzed Chemo- and Enantioselective Coupling between Cyclobutanones and Allenes: Rapid Synthesis of [3.2.2] Bicycles. <i>Angewandte Chemie</i> , 2016, 128, 15315-15319.	1.6	21
43	Organocatalyzed [4+2] Annulation of All-Carbon Tetrasubstituted Alkenes with Allenates: Synthesis of Highly Functionalized 2-H- and 4-H-Pyran Derivatives. <i>ChemistrySelect</i> , 2016, 1, 5414-5420.	0.7	10
44	Nickel-Catalyzed Chemo- and Enantioselective Coupling between Cyclobutanones and Allenes: Rapid Synthesis of [3.2.2] Bicycles. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15091-15095.	7.2	54
45	Gold-catalyzed [4+3] and [4+4]-annulation reactions of t-butyl propiolate derivatives with epoxides and oxetanes for the construction of 1,4-dioxepane and 1,5-dioxocane cores. <i>Chemical Communications</i> , 2016, 52, 7482-7485.	2.2	28
46	Enantioselective gold-catalyzed intermolecular [2 + 2]-cycloadditions of 3-styrylindoles with N-allenyl oxazolidinone. <i>Organic Chemistry Frontiers</i> , 2016, 3, 759-763.	2.3	70
47	Pseudoxyllallemycins A-F, Cyclic Tetrapeptides with Rare Allenyl Modifications Isolated from <i>Pseudoxyllaria</i> sp. X802: A Competitor of Fungus-Growing Termite Cultivars. <i>Organic Letters</i> , 2016, 18, 3338-3341.	2.4	50
48	Gold-catalyzed intermolecular formal (3+2) cycloaddition of stabilized vinyl diazo derivatives and electronically unbiased allenenes. <i>Chemical Communications</i> , 2016, 52, 9398-9401.	2.2	34
49	Sulfonamide-directed gold-catalyzed [2+2+2]-cycloadditions of nitriles with two discrete ynamides to construct 2,4-diaminopyridine cores. <i>Chemical Communications</i> , 2016, 52, 3187-3190.	2.2	57
51	Palladium Tandem Catalysis in the Atropodistereoselective Synthesis of Indenes Bearing Central and Axial Chirality. <i>ACS Catalysis</i> , 2016, 6, 1559-1564.	5.5	16
52	Base catalysed intermolecular cyclisation of N-protected o-amino benzaldehyde/acetophenone with phosphorus/sulphur based allenenes: facile synthesis of substituted quinolines. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 3591-3602.	1.5	13
53	Gold(I)-Catalyzed Inter- and Intramolecular Additions of Carbonyl Compounds to Allenenes. <i>Organic Letters</i> , 2016, 18, 1410-1413.	2.4	19
54	Origins of unique gold-catalysed chemo- and site-selective C-H functionalization of phenols with diazo compounds. <i>Chemical Science</i> , 2016, 7, 1988-1995.	3.7	118
55	Gold-Catalyzed 1,4-Carboxygenation of 3-Ynamides with Allylic and Propargylic Alcohols <i>via</i> Non-Claisen Pathways. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 590-596.	2.1	19
56	Enantioselective [2 + 2] cycloaddition of N-allenamides with cyclic N-sulfonylketimines: access to polysubstituted azetidines bearing quaternary stereocenters. <i>Chemical Science</i> , 2017, 8, 2811-2815.	3.7	43
57	Rapid Asymmetric Synthesis of Disubstituted Allenenes by Coupling of Flow-Generated Diazo Compounds and Propargylated Amines. <i>Angewandte Chemie</i> , 2017, 129, 1890-1894.	1.6	11
58	Rapid Asymmetric Synthesis of Disubstituted Allenenes by Coupling of Flow-Generated Diazo Compounds and Propargylated Amines. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1864-1868.	7.2	75
59	Pd/Cu cooperative catalysis: an efficient synthesis of (3-isoindazolyl)allenenes <i>via</i> cross-coupling of 2-alkynyl azobenzenes and terminal alkynes. <i>Chemical Communications</i> , 2017, 53, 2606-2609.	2.2	34

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60	Gold-Catalyzed Regiodivergent [2 + 2 + 2]-Cycloadditions of Allenes with Triazines. <i>Organic Letters</i> , 2017, 19, 524-527.	2.4	71
61	Diazo Esters as Dienophiles in Intramolecular (4 + 2) Cycloadditions: Computational Explorations of Mechanism. <i>Journal of the American Chemical Society</i> , 2017, 139, 2766-2770.	6.6	46
62	Metal-free visible-light-promoted intermolecular [2+2]-cycloaddition of 3-ylideneoxindoles. <i>Tetrahedron</i> , 2017, 73, 1854-1860.	1.0	22
63	Cobalt(III)-Catalyzed Hydroarylation of Allenes via C-H Activation. <i>ACS Catalysis</i> , 2017, 7, 2511-2515.	5.5	107
64	Gold(I)-Catalyzed Enantioselective Synthesis of Tetrahydrocarbazoles through Dearomative [4+2] Cycloadditions of 3-Substituted 2-Vinylindoles. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1912-1918.	2.1	29
65	Synthesis of Quinoline Derivatives via Cu-Catalyzed Cascade Annulation of Heterocumulenes, Alkynes, and Diaryliodonium Salts. <i>Organic Letters</i> , 2017, 19, 2694-2697.	2.4	27
66	The reactions of 1,1-diaryllallenes with N-acyliminium cations generated from hydroxylactams. <i>Tetrahedron</i> , 2017, 73, 3949-3958.	1.0	2
67	Synthesis of Imidazopyridinium-Fused Metallacycloallene via One-Pot Reaction of $\beta$ -Alkynol-Coordinated Osmacycle with 2-Aminopyridine. <i>Organometallics</i> , 2017, 36, 4184-4190.	1.1	6
68	Unified Approach to Substituted Allenates via Pd-Catalyzed $\beta$ -Hydride Elimination of (E)-Enol Triflates. <i>Organic Letters</i> , 2017, 19, 5446-5449.	2.4	10
69	Theoretical Studies of Allene Synthesis through Cadmium Iodide-Mediated Allenylation of Terminal Alkynes. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 1778-1782.	1.3	8
70	Total Syntheses of the Reported Structures of Curcusones I and J through Tandem Gold Catalysis. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11624-11627.	7.2	58
71	Total Syntheses of the Reported Structures of Curcusones I and J through Tandem Gold Catalysis. <i>Angewandte Chemie</i> , 2017, 129, 11782-11785.	1.6	10
72	Gold-catalyzed [2+2+2]-annulation of 1,3,5-hexahydro-1,3,5-triazines with alkoxyallenes. <i>Chemical Communications</i> , 2017, 53, 12770-12773.	2.2	34
73	Gold catalysis-facilitated rapid synthesis of the daphnane/tigliane tricyclic core. <i>Tetrahedron</i> , 2017, 73, 4172-4177.	1.0	31
74	Enantioselective Synthesis of <i>trans</i> -Vicinal Diamines via Rhodium-Catalyzed [2+2] Cycloaddition of Allenamides. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 1790-1794.	2.1	21
75	NHC-Catalyzed Hetero-Diels-Alder Reaction of Allenate with Chalcone: Synthesis of Polysubstituted Pyranil Carboxylate. <i>Journal of Organic Chemistry</i> , 2018, 83, 3361-3366.	1.7	26
76	Gold-catalyzed N,O-functionalization of 1,4-diyne-3-ols with <i>N</i> -hydroxyanilines to form highly functionalized pyrrole derivatives. <i>Chemical Communications</i> , 2018, 54, 2114-2117.	2.2	35
78	Intermolecular [2 + 2] Cycloaddition/Isomerization of Allenyl Imides and Unactivated Imines for the Synthesis of 1-Azadienes Catalyzed by a Ni(CIO <sub>4</sub> ) <sub>2</sub> ·6H <sub>2</sub> O Lewis Acid. <i>ACS Catalysis</i> , 2018, 8, 5193-5199.	5.5	24

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79	Syntheses of Highly Functionalized Spirocyclohexenes by Formal [4+2] Annulation of Arylidene Azlactones with Allenates. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 1620-1625.	1.3	6
80	Template-stereocontrolled [2 + 2] photoreactions directed by surface recognition on hydrophilic functionalized carbon materials. <i>CrystEngComm</i> , 2018, 20, 2932-2939.	1.3	5
81	A Direct Synthesis of Trisubstituted Allenes from Propargyl Alcohols via Oxaphosphetane Intermediates. <i>Bulletin of the Chemical Society of Japan</i> , 2018, 91, 337-342.	2.0	3
82	Intramolecular cycloaddition/rearrangement cascade from gold(III)-catalysed reactions of propargyl aryldiazoesters with cinnamyl imines. <i>Chemical Communications</i> , 2018, 54, 12828-12831.	2.2	7
83	PPh <sub>3</sub> AuTFA Catalyzed in the Dearomatization of 2-Naphthols with Allenamides. <i>Organic Letters</i> , 2018, 20, 7380-7383.	2.4	37
84	Synthesis of Functionalized Chromene and Chroman Derivatives via Cesium Carbonate Promoted Formal [4 + 2] Annulation of 2-Hydroxychalcones with Allenates. <i>Journal of Organic Chemistry</i> , 2018, 83, 15372-15379.	1.7	27
85	Catalytic Enantioselective Synthesis of Guvacine Derivatives through [4 + 2] Annulations of Imines with $\pm$ -Methylallenoates. <i>Organic Letters</i> , 2018, 20, 6089-6093.	2.4	28
86	Palladium-Catalyzed C-S Bond Cleavage with Allenates: Synthesis of Tetrasubstituted 2-Alkenylfuran Derivatives. <i>Organic Letters</i> , 2018, 20, 6007-6011.	2.4	24
87	Interruption of Formal Schmidt Rearrangement/Hosomi-Sakurai Reaction of Vinyl Azides with Allyl/Propargylsilanes. <i>Organic Letters</i> , 2018, 20, 7113-7116.	2.4	9
88	Brønsted Acid Tuned, Lewis Base Promoted [4 + 2] Annulation Reactions of Allenates with Electron-Deficient Olefins. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 4917-4925.	1.2	27
89	Gold-catalyzed [5+2] cycloaddition of quinolinium zwitterions and allenamides as an efficient route to fused 1,4-diazepines. <i>Chemical Communications</i> , 2018, 54, 6911-6914.	2.2	34
90	Rhodium-catalyzed highly diastereoselective intramolecular [4 + 2] cycloaddition of 1,3-disubstituted allene-1,3-dienes. <i>Organic Chemistry Frontiers</i> , 2018, 5, 2680-2684.	2.3	13
91	Tri( <i>o</i> -tolyl)phosphine for highly efficient Suzuki coupling of propargylic carbonates with boronic acids. <i>Chemical Communications</i> , 2018, 54, 10451-10454.	2.2	24
92	Gold(I)-Catalyzed Intramolecular Diels-Alder Reaction: Evolution of Trappable Intermediates via Asynchronous Transition States. <i>Journal of Organic Chemistry</i> , 2018, 83, 11167-11177.	1.7	19
93	Recent Developments in Transition Metal-Catalyzed Dearomative Cyclizations of Indoles as Dipolarophiles for the Construction of Indolines. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 405-425.	2.1	145
94	Regioselective [2+2+2] Cycloaddition Reaction Using Allene-Cynes with Simple Allenes under Nickel Catalysis. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 4882-4887.	2.1	9
95	Negishi Coupling for Highly Selective Syntheses of Allenes via Ligand Effect and Mechanistic Study via SAESI-MS/MS. <i>Chinese Journal of Chemistry</i> , 2019, 37, 1003-1008.	2.6	12
96	A formal [4 + 2] cycloaddition of sulfur-containing alkylidene heterocycles with allenic compounds. <i>Organic Chemistry Frontiers</i> , 2019, 6, 3259-3263.	2.3	15

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97	A Rh-Catalyzed Cycloisomerization/Diels-Alder Cascade Reaction of 1,5-Bisallenes for the Synthesis of Polycyclic Heterocycles. <i>Organic Letters</i> , 2019, 21, 6608-6613.	2.4	18
98	Synthesis of 1,4,5,6-tetrahydropyridazines and pyridazines via transition-metal-free (4 + 2) cycloaddition of alkoxyallenes with 1,2-diaza-1,3-dienes. <i>RSC Advances</i> , 2019, 9, 21507-21512.	1.7	14
99	Copper-Catalyzed [4+2]-Cycloadditions of Isoxazoles with 2-Alkynylbenzaldehydes To Access Distinct $\pm$ -Carbonylnaphthalene Derivatives: C(3,4)- versus C(4,5)-Regioselectivity at Isoxazoles. <i>ACS Catalysis</i> , 2019, 9, 7328-7334.	5.5	20
100	Palladium-Catalyzed Desulfitative Cross-Coupling Reaction of Sodium Sulfinates with Propargylic Carbonates. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 4656-4660.	2.1	7
101	Direct Access to Allenylphosphine Oxides via a Metal Free Coupling of Propargylic Substrates with P(O)H Compounds. <i>Organic Letters</i> , 2019, 21, 9438-9441.	2.4	12
102	Metal free synthesis of $\epsilon$ -azaspiro[4.4]nonane-one system via reactions of nitrones with 1,1-disubstituted allenes. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 3236-3243.	1.4	7
103	Construction of All-Carbon Chiral Quaternary Centers through Cu-Catalyzed Enantioselective Reductive Hydroxymethylation of 1,1-Disubstituted Allenes with CO <sub>2</sub> . <i>Chemistry - A European Journal</i> , 2019, 25, 13874-13878.	1.7	43
104	Highly Enantioselective Synthesis Using Prolinol as a Chiral Auxiliary: Silver-Mediated Synthesis of Axially Chiral Vinylallenes and Subsequent (Hetero)-Diels-Alder Reactions. <i>Organic Letters</i> , 2019, 21, 7717-7721.	2.4	18
105	Enantioselective Allylation Using Allene, a Petroleum Cracking Byproduct. <i>Journal of the American Chemical Society</i> , 2019, 141, 2251-2256.	6.6	95
106	Direct construction of carbazoles from 2-methyl-indole-3-carbaldehydes and enals. <i>Green Chemistry</i> , 2019, 21, 968-972.	4.6	23
107	Pd/PCy <sub>3</sub> -Catalyzed Enantioselective Intermolecular Denitrogenative Cyclization of Benzotriazoles with Allenes and N-Allenamides. <i>Angewandte Chemie</i> , 2019, 131, 11566-11570.	1.6	18
108	Rhodium(I)-Catalyzed Enantioselective Hydroacylation of Racemic Allenals via Dynamic Kinetic Resolution. <i>Organic Letters</i> , 2019, 21, 4120-4123.	2.4	13
109	Pd/PCy <sub>3</sub> -Catalyzed Enantioselective Intermolecular Denitrogenative Cyclization of Benzotriazoles with Allenes and N-Allenamides. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11444-11448.	7.2	75
110	Phosphane-Catalyzed [3+2] Annulation of Allenoates with 3-Nitro-2H-chromenes: Synthesis of Tetrahydrocyclopenta[c]chromenes. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 5441-5451.	1.2	15
111	Gold-catalyzed enantioselective synthesis of polycyclic indoline skeletons and enantiomerically enriched $\beta^2$ -substituted tryptamine-allenes by kinetic resolution. <i>Chemical Communications</i> , 2019, 55, 4210-4213.	2.2	14
112	One Stone for Three Birds-Rhodium-Catalyzed Highly Diastereoselective Intramolecular [4+2] Cycloaddition of Optically Active Allene- $\beta^2$ -dienes. <i>Chinese Journal of Chemistry</i> , 2019, 37, 486-496.	2.6	11
113	Allenation of Terminal Alkynes with Aldehydes and Ketones. <i>Accounts of Chemical Research</i> , 2019, 52, 1301-1312.	7.6	200
114	Chiral catalysts derived from biomass: design, synthesis and applications in asymmetric catalysis. <i>Vietnam Journal of Chemistry</i> , 2019, 57, 670-680.	0.7	0

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115	Divergent gold-catalysed reactions of cyclopropenylmethyl sulfonamides with tethered heteroaromatics. <i>Chemical Communications</i> , 2019, 55, 13971-13974.	2.2	17
116	Phosphine-catalyzed (3+2)/(2+3) sequential annulation involving a triple nucleophilic addition reaction of $\hat{I}^3$ -vinyl allenoates. <i>Chemical Communications</i> , 2019, 55, 14011-14014.	2.2	19
117	Developments in Cp*Co <sup>III</sup> -Catalyzed C-H Bond Functionalizations. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 430-455.	1.3	45
118	Direct catalytic asymmetric method for the synthesis of tetrahydropyranopyrazoles through allene zwitterion chemistry. <i>Tetrahedron Letters</i> , 2019, 60, 703-706.	0.7	9
119	A Catalytic Strategy for $\hat{I}^3$ -Functionalization: NHC-Mediated Fragmentation/Umpolung Cascades to Access Hydroxytrifluoromethyl Ynones and Allenones. <i>ChemCatChem</i> , 2019, 11, 3750-3755.	1.8	2
120	Photo-Organocatalytic Enantioselective Radical Cascade Enabled by Single-Electron Transfer Activation of Allenes. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 302-307.	2.1	24
121	Phosphine-Catalyzed (3 + 2)/(3 + 2) Sequential Annulation of $\hat{I}^3$ -Vinyl Allenoates: Access to Fused Carbocycles. <i>Organic Letters</i> , 2020, 22, 433-437.	2.4	29
122	Facile Synthesis of Polysubstituted Indolizines via One-Pot Reaction of 1-Acetylaryl 2-Formylpyrroles and Enals. <i>Chemistry - an Asian Journal</i> , 2020, 15, 352-355.	1.7	8
123	Photochemical Doyle-Kirmse Reaction: A Route to Allenes. <i>Organic Letters</i> , 2020, 22, 1018-1021.	2.4	52
124	Catalytic enantioselective allene-anhydride approach to $\hat{I}^2, \hat{I}^3$ -unsaturated enones bearing an $\hat{I}^3$ -all-carbon-quarternary center. <i>Chemical Science</i> , 2020, 11, 9115-9121.	3.7	21
125	Recent Advances in the Cycloaddition Reactions of 2-Benzylidene-1-benzofuranones, and Their Sulfur, Nitrogen and Methylene Analogues. <i>Chemistry - an Asian Journal</i> , 2020, 15, 2838-2853.	1.7	34
126	Transition-Metal-Catalyzed Cycloaddition Reactions to Access Seven-Membered Rings. <i>Chemistry - A European Journal</i> , 2020, 26, 15354-15377.	1.7	51
127	Highly Chemoselective Esterification from $\hat{I}^3$ -Aminoallylation of Carboxylic Acids: Metal-Free and Reagent-Free Hydrocarboxylation of Allenamides. <i>Chemistry - A European Journal</i> , 2020, 26, 13826-13831.	1.7	10
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