Junliang Zhang

List of Publications by Citations

282 papers	13,175 citations	65 h-index	99 g-index
392 ext. papers	15,263 ext. citations	8.1 avg, IF	7.3 L-index

#	Paper	IF	Citations
282	Gold(I)-catalyzed intra- and intermolecular hydroamination of unactivated olefins. *Journal of the American Chemical Society*, **2006**, 128, 1798-9	16.4	362
281	Gold-catalyzed cyclopropanation reactions using a carbenoid precursor toolbox. *Chemical Society Reviews*, **2015**, 44, 677-98	58.5	357
280	Highly site-selective direct C-H bond functionalization of phenols with α-aryl-α-diazoacetates and diazooxindoles via gold catalysis. *Journal of the American Chemical Society*, **2014**, 136, 6904-7	16.4	340
279	Gold-catalyzed transformations of α-diazocarbonyl compounds: selectivity and diversity. *Chemical Society Reviews*, **2016**, 45, 506-16	58.5	335
278	Brønsted acid catalyzed addition of phenols, carboxylic acids, and tosylamides to simple olefins. *Organic Letters*, **2006**, 8, 4175-8	6.2	225
277	Gold(I)-catalyzed reaction of 1-(1-alkynyl)-cyclopropyl ketones with nucleophiles: a modular entry to highly substituted furans. *Angewandte Chemie - International Edition*, **2006**, 45, 6704-7	16.4	214
276	Tetrasubstituted furans by a Pd(II)-catalyzed three-component Michael addition/cyclization/cross-coupling reaction. *Angewandte Chemie - International Edition*, **2008**, 47, 1903-6	16.4	190
275	A small molecule enhances RNA interference and promotes microRNA processing. *Nature Biotechnology*, **2008**, 26, 933-40	44.5	187
274	Recent developments in the synthesis and utilization of chiral β-aminophosphine derivatives as catalysts or ligands. *Chemical Society Reviews*, **2016**, 45, 1657-77	58.5	177
273	Diastereo- and enantioselective gold(I)-catalyzed intermolecular tandem cyclization/[3+3]cycloadditions of 2-(1-alkynyl)-2-alken-1-ones with nitrones. *Angewandte Chemie - International Edition*, **2010**, 49, 6669-72	16.4	171
272	Highly substituted furo[3,4-d][1,2]oxazines: gold-catalyzed regiospecific and diastereoselective 1,3-dipolar cycloaddition of 2-(1-alkynyl)-2-alken-1-ones with nitrones. *Angewandte Chemie - International Edition*, **2009**, 48, 5505-8	16.4	166
271	A new type of chiral sulfinamide monophosphine ligands: stereodivergent synthesis and application in enantioselective gold(I)-catalyzed cycloaddition reactions. *Angewandte Chemie - International Edition*, **2014**, 53, 4350-4	16.4	164
270	Enantioselective gold-catalyzed functionalization of unreactive sp3 C-H bonds through a redox-neutral domino reaction. *Chemistry - A European Journal*, **2011**, 17, 3101-4	4.8	164
269	Product-selectivity control by the nature of the catalyst: Lewis acid-catalyzed selective formation of ring-fused tetrahydroquinolines and tetrahydroazepines via intramolecular redox reaction. *Chemical Communications*, **2010**, 46, 6593-5	5.8	163
268	Gold-Catalyzed Enantioselective Annulations. *Chemistry - A European Journal*, **2017**, 23, 467-512	4.8	161
267	2,3,4- or 2,3,5-trisubstituted furans: catalyst-controlled highly regioselective ring-opening cycloisomerization reaction of cyclopropenyl ketones. *Journal of the American Chemical Society*, **2003**, 125, 12386-7	16.4	157
266	A gold(I)-catalyzed intramolecular oxidation-cyclopropanation sequence of 1,6-enynes: a convenient access to [n.1.0]bicycloalkanes. *Chemical Communications*, **2011**, 47, 11152-4	5.8	153

265	Catalytic regioselectivity control in ring-opening cycloisomerization of methylene- or alkylidenecyclopropyl ketones. *Journal of the American Chemical Society*, **2004**, 126, 9645-60	16.4	144
264	Gold(I)-catalyzed highly diastereo- and enantioselective alkyne oxidation/cyclopropanation of 1,6-enynes. *Angewandte Chemie - International Edition*, **2014**, 53, 13751-5	16.4	136
263	The Divergent Synthesis of Nitrogen Heterocycles by Rhodium(I)-Catalyzed Intermolecular Cycloadditions of Vinyl Aziridines and Alkynes. *Journal of the American Chemical Society*, **2016**, 138, 2178-81	16.4	132
262	Pd0-catalyzed coupling cyclization reaction of Aryl or 1-alkenyl halides with 1,2-allenyl ketones: scope and mechanism. An efficient assembly of 2,3,4-, 2,3,5-tri- and 2,3,4,5-tetrasubstituted furans. *Chemistry - A European Journal*, **2003**, 9, 2447-56	4.8	129
261	Phosphine-Catalyzed Asymmetric Intermolecular Cross-Vinylogous Rauhut□Currier Reactions of Vinyl Ketones with para-Quinone Methides. *ACS Catalysis*, **2017**, 7, 2805-2809	13.1	120
260	Design, synthesis, and application of a chiral sulfinamide phosphine catalyst for the enantioselective intramolecular Rauhut-Currier reaction. *Angewandte Chemie - International Edition*, **2015**, 54, 6874-7	16.4	119
259	Diastereo- and Enantioselective Copper(I)-Catalyzed Intermolecular [3+2] Cycloaddition of Azomethine Ylides with □Trifluoromethyl □Disubstituted Enones. *Angewandte Chemie - International Edition*, **2016**, 55, 6324-8	16.4	113
258	Organocatalytic enantioselective synthesis of 2,3-allenoates by intermolecular addition of nitroalkanes to activated enynes. *Journal of the American Chemical Society*, **2013**, 135, 18020-3	16.4	108
257	An unexpected phosphine-catalyzed regio- and diastereoselective [4+1] annulation reaction of modified allylic compounds with activated enones. *Chemistry - an Asian Journal*, **2010**, 5, 1542-5	4.5	108
256	(C F) B Catalyzed Chemoselective and ortho-Selective Substitution of Phenols with □Aryl □Diazoesters. *Angewandte Chemie - International Edition*, **2016**, 55, 14807-14811	16.4	106
255	Palladium-Catalyzed Enantioselective Reductive Heck Reactions: Convenient Access to 3,3-Disubstituted 2,3-Dihydrobenzofuran. *Angewandte Chemie - International Edition*, **2018**, 57, 10373-10377	16.4	102
254	Catalytic oxidation/C-H functionalization of N-arylpropiolamides by means of gold carbenoids: concise route to 3-acyloxindoles. *Chemical Communications*, **2012**, 48, 7082-4	5.8	101
253	Synthesis of Unsaturated N-Heterocycles by Cycloadditions of Aziridines and Alkynes. *ACS Catalysis*, **2016**, 6, 6651-6661	13.1	98
252	Highly substituted furo[3,4-c]azepines by gold(I)-catalyzed diastereoselective tandem double heterocyclizations and 1,2-alkyl migration. *Chemistry - A European Journal*, **2010**, 16, 456-9	4.8	98
251	Transfer of chirality in the rhodium-catalyzed intramolecular formal hetero-[5 + 2] cycloaddition of vinyl aziridines and alkynes: stereoselective synthesis of fused azepine derivatives. *Journal of the American Chemical Society*, **2015**, 137, 3787-90	16.4	97
250	Phosphine-Catalyzed Enantioselective Dearomative [3+2]-Cycloaddition of 3-Nitroindoles and 2-Nitrobenzofurans. *Angewandte Chemie - International Edition*, **2019**, 58, 5422-5426	16.4	95
249	Origins of unique gold-catalysed chemo- and site-selective C-H functionalization of phenols with diazo compounds. *Chemical Science*, **2016**, 7, 1988-1995	9.4	94
248	An atom-economic synthesis of bicyclo[3.1.0]hexanes by rhodium N-heterocyclic carbene-catalyzed diastereoselective tandem hetero-[5+2] cycloaddition/Claisen rearrangement reaction of vinylic oxiranes with alkynes. *Journal of the American Chemical Society*, **2011**, 133, 7304-7	16.4	92

247	Enantioselective gold-catalyzed intermolecular [2+2] [4+2]-cycloadditions of 3-styrylindoles with -allenamides: observation of interesting substituent effects. *Chemical Science*, **2015**, 6, 5564-5570	9.4	91
246	Phosphine-Catalyzed Asymmetric Umpolung Addition of Trifluoromethyl Ketimines to Morita-Baylis-Hillman Carbonates. *Angewandte Chemie - International Edition*, **2016**, 55, 13316-13320	16.4	91
245	Highly Regio-, Diastereo-, and Enantioselective Gold(I)-Catalyzed Intermolecular Annulations with N-Allenamides at the Proximal C=C Bond. *Angewandte Chemie - International Edition*, **2015**, 54, 14849-52	16.4	91
244	Catalytic regioselective control in the diastereoselective 1,3-dipolar cycloaddition reactions of 1-(1-alkynyl)cyclopropyl ketones with nitrones. *Chemistry - A European Journal*, **2010**, 16, 6146-50	4.8	90
243	Palladium/XuPhos-Catalyzed Enantioselective Carboiodination of Olefin-Tethered Aryl Iodides. *Journal of the American Chemical Society*, **2019**, 141, 8110-8115	16.4	88
242	Enantioselective Dicarbofunctionalization of Unactivated Alkenes by Palladium-Catalyzed Tandem Heck/Suzuki Coupling Reaction. *Angewandte Chemie - International Edition*, **2019**, 58, 14653-14659	16.4	87
241	Chiral Sulfinamide Bisphosphine Catalysts: Design, Synthesis, and Application in Highly Enantioselective Intermolecular Cross-Rauhut-Currier Reactions. *Angewandte Chemie - International Edition*, **2015**, 54, 14853-7	16.4	86
240	Gold-catalyzed cascade reactions for synthesis of carbo- and heterocycles: selectivity and diversity. *Chemical Record*, **2014**, 14, 280-302	6.6	85
239	Organocatalytic Michael addition of indoles to isatylidene-3-acetaldehydes: application to the formal total synthesis of (-)-chimonanthine. *Organic Letters*, **2013**, 15, 2266-9	6.2	85
238	Gold(I)-Catalyzed Reaction of 1-(1-Alkynyl)-cyclopropyl Ketones with Nucleophiles: A Modular Entry to Highly Substituted Furans. *Angewandte Chemie*, **2006**, 118, 6856-6859	3.6	85
237	Enantioselective Regiodivergent Synthesis of Chiral Pyrrolidines with Two Quaternary Stereocenters via Ligand-Controlled Copper(I)-Catalyzed Asymmetric 1,3-Dipolar Cycloadditions. *Journal of the American Chemical Society*, **2018**, 140, 2272-2283	16.4	83
236	Furan-based o-quinodimethanes by gold-catalyzed dehydrogenative heterocyclization of 2-(1-alkynyl)-2-alken-1-ones: a modular entry to 2,3-furan-fused carbocycles. *Angewandte Chemie - International Edition*, **2014**, 53, 6542-5	16.4	82
235	Lewis acid-catalyzed [3 + 2]cyclo-addition of alkynes with N-tosyl-aziridines via carbon-carbon bond cleavage: synthesis of highly substituted 3-pyrrolines. *Organic Letters*, **2011**, 13, 5940-3	6.2	81
234	Highly para-Selective C-H Alkylation of Benzene Derivatives with 2,2,2-Trifluoroethyl α-Aryl-α-Diazoesters. *Angewandte Chemie - International Edition*, **2017**, 56, 2749-2753	16.4	80
233	A Dramatic Substituent Effect in Silver(I)-Catalyzed Regioselective Cyclization of ortho-Alkynylaryl Aldehyde Oxime Derivatives. *Advanced Synthesis and Catalysis*, **2009**, 351, 85-88	5.6	79
232	Gold-Catalyzed Asymmetric Intramolecular Cyclization of N-Allenamides for the Synthesis of Chiral Tetrahydrocarbolines. *Angewandte Chemie - International Edition*, **2017**, 56, 15905-15909	16.4	76
231	Pd0-catalyzed cyclization reaction of aryl or alk-1-enyl halides with 1,2-dienyl ketones: a general and efficient synthesis of polysubstituted furans. *Chemical Communications*, **2000**, 117-118	5.8	76
230	Chemoselective C-C bond cleavage of epoxide motifs: gold(I)-catalyzed diastereoselective [4+3] cycloadditions of 1-(1-alkynyl)oxiranyl ketones and nitrones. *Chemistry - A European Journal*, **2011**, 17, 86-90	4.8	75

229	Tetrasubstituted Furans by a PdII-Catalyzed Three-Component Michael Addition/Cyclization/Cross-Coupling Reaction. *Angewandte Chemie*, **2008**, 120, 1929-1932	3.6	72
228	Palladium(II)-Catalyzed Domino Reaction of 2-(1-Alkynyl)-2-alken-1-ones with Nucleophiles: Scope, Mechanism and Synthetic Application in the Synthesis of 3,4-Fused Bicyclic Tetrasubstituted Furans. *Advanced Synthesis and Catalysis*, **2009**, 351, 617-629	5.6	71
227	Furans versus 4H-pyrans: catalyst-controlled regiodivergent tandem Michael addition-cyclization reaction of 2-(1-alkynyl)-2-alken-1-ones with 1,3-dicarbonyl compounds. *Chemical Communications*, **2009**, 3594-6	5.8	71
226	A New Type of Chiral Sulfinamide Monophosphine Ligands: Stereodivergent Synthesis and Application in Enantioselective Gold(I)-Catalyzed Cycloaddition Reactions. *Angewandte Chemie*, **2014**, 126, 4439-4443	3.6	70
225	Tetrasubstituted furans by Pd(II)-catalyzed three-component domino reactions of 2-(1-alkynyl)-2-alken-1-ones with nucleophiles and vinyl ketones or acrolein. *Chemistry - A European Journal*, **2009**, 15, 9303-6	4.8	70
224	Polymer-Bound Chiral Gold-Based Complexes as Efficient Heterogeneous Catalysts for Enantioselectivity Tunable Cycloaddition. *ACS Catalysis*, **2015**, 5, 7488-7492	13.1	69
223	Palladium/PC-Phos-Catalyzed Enantioselective Arylation of General Sulfenate Anions: Scope and Synthetic Applications. *Journal of the American Chemical Society*, **2018**, 140, 3467-3473	16.4	69
222	Gold-catalysed facile access to indene scaffolds via sequential C-H functionalization and 5-endo-dig carbocyclization. *Chemical Communications*, **2016**, 52, 9351-4	5.8	69
221	Rhodium(I)-Catalyzed Intermolecular Aza-[4+3] Cycloaddition of Vinyl Aziridines and Dienes: Atom-Economical Synthesis of Enantiomerically Enriched Functionalized Azepines. *Angewandte Chemie - International Edition*, **2017**, 56, 1351-1355	16.4	67
220	Nickel(II)-catalyzed diastereoselective [3+2] cycloaddition of N-tosyl-aziridines and aldehydes via selective carbon-carbon bond cleavage. *Chemical Communications*, **2011**, 47, 7824-6	5.8	66
219	Diastereo- and Enantioselective Gold(I)-Catalyzed Intermolecular Tandem Cyclization/[3+3]Cycloadditions of 2-(1-Alkynyl)-2-alken-1-ones with Nitrones. *Angewandte Chemie*, **2010**, 122, 6819-6822	3.6	66
218	Copper(I)/Ming-Phos-Catalyzed Asymmetric Intermolecular [3 + 2] Cycloaddition of Azomethine Ylides with 田Trifluoromethyl 田Unsaturated Esters. *ACS Catalysis*, **2017**, 7, 210-214	13.1	65
217	Gold-catalyzed construction of two adjacent quaternary stereocenters via sequential C-H functionalization and aldol annulation. *Chemical Communications*, **2016**, 52, 2257-60	5.8	65
216	Rh(I)-catalyzed regio- and stereospecific carbonylation of 1-(1-alkynyl)cyclopropyl ketones: a modular entry to highly substituted 5,6-dihydrocyclopenta[c]furan-4-ones. *Chemistry - A European Journal*, **2009**, 15, 5208-11	4.8	65
215	Synthesis of 2-acylfurans from 3-(1-alkynyl)-2-alken-1-ones via the oxidation of gold-carbene intermediates by H2O2. *Dalton Transactions*, **2010**, 39, 4270-3	4.3	64
214	Metal-Free Dehydrogenative Diels-Alder Reactions of 2-Methyl-3-Alkylindoles with Dienophiles: Rapid Access to Tetrahydrocarbazoles, Carbazoles, and Heteroacenes. *Angewandte Chemie - International Edition*, **2015**, 54, 9092-6	16.4	63
213	Tuning the regioselectivity in the palladium(II)-catalyzed isomerization of alkylidene cyclopropyl ketones: a dramatic salt effect. *Angewandte Chemie - International Edition*, **2003**, 42, 184-7	16.4	63
212	Selectivity control in Lewis acid catalyzed regiodivergent tandem cationic cyclization/ring expansion terminated by pinacol rearrangement. *Angewandte Chemie - International Edition*, **2009**, 48, 6093-6	16.4	62

211	Amino acid derived phosphine-catalyzed enantioselective 1,4-dipolar spiroannulation of cyclobutenones and isatylidenemalononitrile. *Chemistry - A European Journal*, **2015**, 21, 4224-8	4.8	61
210	Exo/endo selectivity-control in Lewis-acid catalyzed tandem heterocyclization/formal [4+3] cycloaddition: synthesis of polyheterocycles from 2-(1-alkynyl)-2-alken-1-ones and 1,3-diphenylisobenzofuran. *Chemical Communications*, **2010**, 46, 8764-6	5.8	60
209	Recent Progress in Dehydro(genative) Diels-Alder Reaction. *Chemistry - A European Journal*, **2016**, 22, 1558-71	4.8	59
208	Gold(I)-catalyzed, highly diastereoselective, tandem heterocyclizations/[3+2] cycloadditions: synthesis of highly substituted cyclopenta[c]furans. *Chemistry - A European Journal*, **2011**, 17, 2838-41	4.8	59
207	Diazirine-based DNA photo-cross-linking probes for the study of protein-DNA interactions. *Angewandte Chemie - International Edition*, **2008**, 47, 90-3	16.4	58
206	Enantioselective gold-catalyzed intermolecular [2 + 2]-cycloadditions of 3-styrylindoles with N-allenyl oxazolidinone. *Organic Chemistry Frontiers*, **2016**, 3, 759-763	5.2	57
205	A simple base-mediated synthesis of diverse functionalized ring-fluorinated 4H-pyrans via double direct C-F substitutions. *Chemical Communications*, **2015**, 51, 8326-9	5.8	56
204	Modular Access to the Stereoisomers of Fused Bicyclic Azepines: Rhodium-Catalyzed Intramolecular Stereospecific Hetero-[5+2] Cycloaddition of Vinyl Aziridines and Alkenes. *Angewandte Chemie - International Edition*, **2015**, 54, 15854-8	16.4	56
203	Efficient assembly of allenes, 1,3-dienes, and 4H-pyrans by catalytic regioselective nucleophilic addition to electron-deficient 1,3-conjugated enynes. *Chemistry - A European Journal*, **2008**, 14, 8481-5	4.8	55
202	Highly Substituted Furo[3,4-d][1,2]oxazines: Gold-Catalyzed Regiospecific and Diastereoselective 1,3-Dipolar Cycloaddition of 2-(1-Alkynyl)-2-alken-1-ones with Nitrones. *Angewandte Chemie*, **2009**, 121, 5613-5616	3.6	54
201	Ni(ClO4)(2)-catalysed regio- and diastereoselective [3+2] cycloaddition of indoles and aryl oxiranyl-dicarboxylates/diketones: a facile access to furo[3,4-b]indoles. *Chemical Communications*, **2012**, 48, 1817-9	5.8	53
200	Lewis acid catalyzed carbon-carbon bond cleavage of aryl oxiranyl diketones: synthesis of cis-2,5-disubstituted 1,3-dioxolanes. *Organic Letters*, **2011**, 13, 1170-3	6.2	53
199	Enantioselective Difunctionalization of Alkenes by a Palladium-Catalyzed Heck/Sonogashira Sequence. *Angewandte Chemie - International Edition*, **2020**, 59, 2769-2775	16.4	53
198	Cesium Carbonate Mediated Borylation of Aryl Iodides with Diboron in Methanol. *European Journal of Organic Chemistry*, **2013**, 2013, 6263-6266	3.2	52
197	Kinetic resolution of 1-(1-alkynyl)cyclopropyl ketones by gold(I)-catalyzed asymmetric [4+3]cycloaddition with nitrones: scope, mechanism and applications. *Chemical Communications*, **2012**, 48, 4710-2	5.8	52
196	Gold/Br□sted acid relay catalysis for enantioselective construction of spirocyclic diketones. *Chemistry - A European Journal*, **2013**, 19, 6984-8	4.8	52
195	Lewis acid-catalyzed formal [3+2] cycloadditions of N-tosyl aziridines with electron-rich alkenes via selective carbon-carbon bond cleavage. *Chemical Communications*, **2011**, 47, 5049-51	5.8	52
194	P-Chiral Phosphines Enabled by Palladium/Xiao-Phos-Catalyzed Asymmetric P-C Cross-Coupling of Secondary Phosphine Oxides and Aryl Bromides. *Journal of the American Chemical Society*, **2019**, 141, 20556-20564	16.4	51

193	C-O versus C-C bond cleavage: selectivity control in Lewis acid catalyzed chemodivergent cycloadditions of aryl oxiranyldicarboxylates with aldehydes, and theoretical rationalizations of reaction pathways. *Chemistry - A European Journal*, **2012**, 18, 8591-5	4.8	50
192	Enantioselective intermolecular cross Rauhut-Currier reactions of activated alkenes with acrolein. *Chemical Communications*, **2016**, 52, 7612-5	5.8	48
191	Phosphine-catalyzed enantioselective [3 + 2] cycloadditions of □substituted allenoates with □perfluoroalkyl enones. *Chemical Science*, **2017**, 8, 4660-4665	9.4	47
190	Au(I)/Au(III)-catalyzed Sonogashira-type reactions of functionalized terminal alkynes with arylboronic acids under mild conditions. *Beilstein Journal of Organic Chemistry*, **2011**, 7, 808-12	2.5	46
189	Highly substituted 2,3-dihydroisoxazoles by Et(3)N-catalyzed tandem reaction of electron-deficient 1,3-conjugated enynes with hydroxylamines. *Organic Letters*, **2010**, 12, 1876-9	6.2	46
188	Tetrasubstituted furans by Pd(II)/Cu(I)-cocatalyzed three-component domino reactions of 2-(1-alkynyl)-2-alken-1-ones, nucleophiles and diaryliodonium salts. *Chemical Communications*, **2010**, 46, 8839-41	5.8	46
187	Regiodivergent Intermolecular [3+2] Cycloadditions of Vinyl Aziridines and Allenes: Stereospecific Synthesis of Chiral Pyrrolidines. *Angewandte Chemie - International Edition*, **2016**, 55, 10844-8	16.4	46
186	Gold(I)-Catalyzed Highly Diastereo- and Enantioselective Alkyne Oxidation/Cyclopropanation of 1,6-Enynes. *Angewandte Chemie*, **2014**, 126, 13971-13975	3.6	45
185	Unexpected C-C bond cleavage of epoxide motif: rhodium(I)-catalyzed tandem heterocyclization/[4+1] cycloaddition of 1-(1-alkynyl)oxiranyl ketones. *Chemical Communications*, **2011**, 47, 5578-80	5.8	45
184	Cationic rhodium(I)-catalyzed regioselective tandem heterocyclization/[3+2] cycloaddition of 2-(1-alkynyl)-2-alken-1-ones with alkynes. *Chemistry - A European Journal*, **2012**, 18, 2777-82	4.8	44
183	Pyrroles versus cyclic nitrones: catalyst-controlled divergent cyclization of N-(2-perfluoroalkyl-3-alkynyl) hydroxylamines. *Chemical Communications*, **2014**, 50, 4203-6	5.8	43
182	Chiral ligands designed in China. *National Science Review*, **2017**, 4, 326-358	10.8	43
181	Pd-Catalyzed Enantioselective Heck Reaction of Aryl Triflates and Alkynes. *Journal of the American Chemical Society*, **2019**, 141, 19246-19251	16.4	43
180	Design and Synthesis of WJ-Phos, and Application in Cu-Catalyzed Enantioselective Boroacylation of 1,1-Disubstituted Allenes. *ACS Catalysis*, **2019**, 9, 6890-6895	13.1	42
179	Silver-catalysed tandem hydroamination and cyclization of 2-trifluoromethyl-1,3-enynes with primary amines: modular entry to 4-trifluoromethyl-3-pyrrolines. *Chemical Communications*, **2017**, 53, 1084-1087	5.8	41
178	Design, Synthesis, and Application of a Chiral Sulfinamide Phosphine Catalyst for the Enantioselective Intramolecular Rauhut□Currier Reaction. *Angewandte Chemie*, **2015**, 127, 6978-6981	3.6	41
177	Palladium-Catalyzed Enantioselective Reductive Heck Reactions: Convenient Access to 3,3-Disubstituted 2,3-Dihydrobenzofuran. *Angewandte Chemie*, **2018**, 130, 10530-10534	3.6	41
176	Functionalized Tetrahydropyridines by Enantioselective Phosphine-Catalyzed Aza-[4 + 2] Cycloaddition of N-Sulfonyl-1-aza-1,3-dienes with Vinyl Ketones. *Organic Letters*, **2017**, 19, 1710-1713	6.2	39

175	Organocatalytic Michael addition of malonates to isatylidene-3-acetaldehydes: application to the total synthesis of (-)-debromoflustramine E. *Chemistry - A European Journal*, **2013**, 19, 7319-23	4.8	39
174	Gold-Catalyzed Site-Selective C–H Bond Functionalization with Diazo Compounds. *Asian Journal of Organic Chemistry*, **2018**, 7, 2015-2025	3	39
173	Pd/PC-Phos-Catalyzed Enantioselective Intermolecular Denitrogenative Cyclization of Benzotriazoles with Allenes and N-Allenamides. *Angewandte Chemie - International Edition*, **2019**, 58, 11444-11448	16.4	38
172	Pd-Catalyzed Enantioselective Syntheses of Trisubstituted Allenes via Coupling of Propargylic Benzoates with Organoboronic Acids. *Journal of the American Chemical Society*, **2020**, 142, 9763-9771	16.4	37
171	Gold-catalyzed para-selective C-H bond alkylation of benzene derivatives with donor/acceptor-substituted diazo compounds. *Chemical Communications*, **2017**, 53, 10164-10167	5.8	37
170	Gold-catalyzed domino reactions consisting of regio- and stereoselective 1,2-alkyl migration. *Chemistry - A European Journal*, **2010**, 16, 6447-50	4.8	37
169	Enantioselective Gold(I)-Catalyzed Heterocyclization-Intermolecular Exo [4 + 3]-Cycloaddition Reactions for the Synthesis of Chiral Oxa-Bridged Benzocycloheptanes. *Organic Letters*, **2019**, 21, 3018-3022	6.2	36
168	Gold(I)-catalyzed regiodivergent rearrangements: 1,2- and 1,2Palkyl migration in skipped alkynyl ketones. *Chemistry - A European Journal*, **2012**, 18, 15113-21	4.8	36
167	Highly regioselective Lewis acid-catalyzed [3+2] cycloaddition of alkynes with donor-acceptor oxiranes by selective carbon-carbon bond cleavage of epoxides. *Chemical Communications*, **2011**, 47, 12870-2	5.8	36
166	Gold(I)/Xiang-Phos-Catalyzed Asymmetric Intramolecular Cyclopropanation of Indenes and Trisubstituted Alkenes. *Organic Letters*, **2018**, 20, 7049-7052	6.2	36
165	Phosphine-Catalyzed Asymmetric Synthesis of Quaternary Amine via Umpolung Addition of Ketimines to Allenoates. *Organic Letters*, **2017**, 19, 6550-6553	6.2	35
164	Chiral Sulfinamide Bisphosphine Catalysts: Design, Synthesis, and Application in Highly Enantioselective Intermolecular Cross-Rauhut–Currier Reactions. *Angewandte Chemie*, **2015**, 127, 15066-15070	3.6	34
163	Rhodium-catalyzed tandem heterocyclization and carbonylative [(3+2)+1] cyclization of diyne-enones. *Organic Letters*, **2011**, 13, 688-91	6.2	34
162	Rhodium-catalyzed domino heterocyclization and [(3+2)+2] carbocyclization: construction of fused tricycloheptadienes. *Chemical Communications*, **2010**, 46, 7816-8	5.8	34
161	Yne-Enones Enable Diversity-Oriented Catalytic Cascade Reactions: A Rapid Assembly of Complexity. *Accounts of Chemical Research*, **2020**, 53, 2358-2371	24.3	34
160	Diastereo- and Enantioselective Copper(I)-Catalyzed Intermolecular [3+2] Cycloaddition of Azomethine Ylides with Trifluoromethyl Disubstituted Enones. *Angewandte Chemie*, **2016**, 128, 6432-6436	3.6	34
159	Tetrasubstituted allenes by Pd0-catalyzed three-component tandem Michael addition/cross-coupling reaction. *Chemical Communications*, **2010**, 46, 752-4	5.8	33
158	Ligand and counteranion enabled regiodivergent C-H bond functionalization of naphthols with aryl-diazoesters. *Chemical Science*, **2019**, 10, 6553-6559	9.4	32

157	Enantioselective Dicarbofunctionalization of Unactivated Alkenes by Palladium-Catalyzed Tandem Heck/Suzuki Coupling Reaction. *Angewandte Chemie*, **2019**, 131, 14795-14801	3.6	32
156	A base-promoted tandem cycloaddition/air oxidation reaction of electron-deficient conjugated enynes and hydrazines: synthesis of highly substituted pyrazoles. *Chemistry - A European Journal*, **2012**, 18, 12945-9	4.8	32
155	Highly functionalized 4-alkylidenebicyclo[3.1.0]hex-2-enes by tandem Michael addition and annulation of electron-deficient enynes. *Chemistry - an Asian Journal*, **2009**, 4, 1527-9	4.5	32
154	Design and Synthesis of TY-Phos and Application in Palladium-Catalyzed Enantioselective Fluoroarylation of gem-Difluoroalkenes. *Angewandte Chemie - International Edition*, **2020**, 59, 22957-22962	16.4	32
153	Phosphine-catalyzed Friedel-Crafts reaction of naphthols with para-quinone methides: expedient access to triarylmethanes. *Organic and Biomolecular Chemistry*, **2017**, 15, 4941-4945	3.9	31
152	Gold-Catalyzed Asymmetric Intramolecular Cyclization of N-Allenamides for the Synthesis of Chiral Tetrahydrocarbolines. *Angewandte Chemie*, **2017**, 129, 16121-16125	3.6	31
151	One-pot tandem catalysis: a concise route to fused bicyclic scaffolds from acyclic ketoesters and alkynyl aldehydes. *Chemistry - A European Journal*, **2010**, 16, 11813-7	4.8	31
150	Construction of P-Chiral Alkenylphosphine Oxides through Highly Chemo-, Regio-, and Enantioselective Hydrophosphinylation of Alkynes. *Angewandte Chemie - International Edition*, **2020**, 59, 20645-20650	16.4	31
149	Asymmetric Phosphine-Catalyzed [4+1] Annulations of o-Quinone Methides with MBH Carbonates. *Advanced Synthesis and Catalysis*, **2018**, 360, 4475-4479	5.6	31
148	Ming-Phos/Gold(I)-Catalyzed Diastereo- and Enantioselective Synthesis of Indolyl-Substituted Cyclopenta[c]furans. *Organic Letters*, **2018**, 20, 6403-6406	6.2	31
147	Furan-Based o-Quinodimethanes by Gold-Catalyzed Dehydrogenative Heterocyclization of 2-(1-Alkynyl)-2-alken-1-ones: A Modular Entry to 2,3-Furan-Fused Carbocycles. *Angewandte Chemie*, **2014**, 126, 6660-6663	3.6	30
146	A Facile Route to Polysubstituted Naphthalenes and Benzofluorenols via Scandium Triflate- and Triflic Acid- Catalyzed Benzannulation of 2-(2-Alkynylarylidene)- 1,3-Dicarbonyl Compounds. *Advanced Synthesis and Catalysis*, **2010**, 352, 1920-1924	5.6	30
145	Rhodium-catalyzed intermolecular [3+3] cycloaddition of vinyl aziridines with C,N-cyclic azomethine imines: stereospecific synthesis of chiral fused tricyclic 1,2,4-hexahydrotriazines. *Chemical Communications*, **2017**, 53, 4688-4691	5.8	29
144	Enantioselective Phosphine-Catalyzed Allylic Alkylations of mix-Indene with MBH Carbonates. *Organic Letters*, **2017**, 19, 6080-6083	6.2	29
143	DBU-catalyzed tandem additions of electron-deficient 1,3-conjugated enynes with 2-aminomalonates: a facile access to highly substituted 2-pyrrolines. *Chemical Communications*, **2012**, 48, 4002-4	5.8	29
142	Polyheterocycles by Palladium(II)-Catalyzed Oxidative Domino Reactions Involving Direct C?H Functionalization. *Advanced Synthesis and Catalysis*, **2011**, 353, 36-40	5.6	29
141	Rhodium-Catalyzed Stereoselective Intramolecular Tandem Reaction of Vinyloxiranes with Alkynes: Atom- and Step-Economical Synthesis of Multifunctional Mono-, Bi-, and Tricyclic Compounds. *ACS Catalysis*, **2017**, 7, 1533-1542	13.1	28
140	Highly para-Selective C Alkylation of Benzene Derivatives with 2,2,2-Trifluoroethyl Aryl-Diazoesters. *Angewandte Chemie*, **2017**, 129, 2793-2797	3.6	28

139	(C6F5)3B Catalyzed Chemoselective and ortho-Selective Substitution of Phenols with Aryl Diazoesters. *Angewandte Chemie*, **2016**, 128, 15027-15031	3.6	28
138	A One-Pot Construction of Halogenated Trifluoromethylated Pyrroles through NXS (X = Br, I) Triggered Cascade. *Organic Letters*, **2017**, 19, 4968-4971	6.2	28
137	Phosphine-Catalyzed Diastereo- and Enantioselective Michael Addition of Carbonyl Esters to Trifluoromethyl and Ester Enones: Enhanced Reactivity by Inorganic Base. *Organic Letters*, **2017**, 19, 5102-5105	6.2	28
136	Enantioselective Synthesis of Isoxazolines Enabled by Palladium-Catalyzed Carboetherification of Alkenyl Oximes. *Angewandte Chemie - International Edition*, **2020**, 59, 4421-4427	16.4	28
135	Enantioselective [3+2] cycloaddition of azomethine ylides and aldehydes via Ni/bis(oxazoline)-catalyzed ring opening of N-tosylaziridines through a chirality transfer approach. *Chemical Communications*, **2017**, 53, 5661-5664	5.8	27
134	Synthesis of 2-fluoro-2-pyrrolines via tandem reaction of trifluoromethyl-unsaturated carbonyl compounds with N-tosylated 2-aminomalonates. *Chemical Communications*, **2016**, 52, 4922-5	5.8	27
133	Cu(II)-Catalyzed Enantioselective Boration of Trifluoromethyl, Disubstituted Enones and Esters: Construction of a CF3- and Boron-Containing Quaternary Stereocenter. *ACS Catalysis*, **2018**, 8, 8318-8323	13.1	26
132	Tuning the Regioselectivity in the Palladium(II)-Catalyzed Isomerization of Alkylidene Cyclopropyl Ketones: A Dramatic Salt Effect. *Angewandte Chemie*, **2003**, 115, 193-197	3.6	26
131	Hydrohalogenation Reaction of Substituted 1,2-Allenic Carboxylic Acids, Esters, Amides, Nitriles, and Diphenyl Phosphine Oxides. *Synthesis*, **2001**, 2001, 0713-0730	2.9	26
130	Axially Chiral Biaryl Monophosphine Oxides Enabled by Palladium/WJ-Phos-Catalyzed Asymmetric SuzukiMiyaura Cross-coupling. *ACS Catalysis*, **2020**, 10, 1548-1554	13.1	26
129	Ferrocene Derived Bifunctional Phosphine-Catalyzed Asymmetric Oxa-[4+2] Cycloaddition of Substituted Allenones with Enones. *Chemistry - A European Journal*, **2017**, 23, 13587-13590	4.8	25
128	Rhodium-catalyzed tandem nucleophilic addition/bicyclization of diyne-enones with alcohols: a modular entry to 2,3-fused bicyclic furans. *Chemical Communications*, **2010**, 46, 4384-6	5.8	25
127	Y(OTf)3-Catalyzed Diastereoselective [3+2] Cycloaddition of N-Tosylaziridines and Imines; Efficient Synthesis of Multisubstituted Imidazolidines. *Synthesis*, **2012**, 44, 2147-2154	2.9	25
126	Gold-Catalyzed [4+3] Cycloaddition/CH Functionalization Cascade: Regio- and Diastereoselective Route to Cyclohepta[b]indoles. *European Journal of Organic Chemistry*, **2017**, 2017, 6609-6613	3.2	24
125	Base-catalyzed tandem Michael/dehydro-Diels-Alder reaction of dicyanoolefins with electron-deficient 1,3-conjugated enynes: a facile entry to angularly fused polycycles. *Chemistry - A European Journal*, **2014**, 20, 399-404	4.8	24
124	Phosphine-Catalyzed [3 + 2] Cycloaddition Reaction of Diazoacetates and Trifluoromethyl Enones: A Facile Access to Multisubstituted 4-(Trifluoromethyl)pyrazolines. *Organic Letters*, **2018**, 20, 6444-6448	6.2	24
123	Phosphine-Catalyzed Asymmetric Umpolung Addition of Trifluoromethyl Ketimines to MoritaBaylisHillman Carbonates. *Angewandte Chemie*, **2016**, 128, 13510-13514	3.6	23
122	Divergent Access to Functionalized Pyrrolidines and Pyrrolines via Iridium-Catalyzed Domino-Ring-Opening Cyclization of Vinyl Aziridines with Ketocarbonyls. *Organic Letters*, **2017**, 19, 6526-6529	6.2	23

121	Metal-Free Dehydrogenative Diels–Alder Reactions of 2-Methyl-3-Alkylindoles with Dienophiles: Rapid Access to Tetrahydrocarbazoles, Carbazoles, and Heteroacenes. *Angewandte Chemie*, **2015**, 127, 9220-9224	3.6	23
120	Highly Regio-, Diastereo-, and Enantioselective Gold(I)-Catalyzed Intermolecular Annulations with N-Allenamides at the Proximal C?C Bond. *Angewandte Chemie*, **2015**, 127, 15062-15065	3.6	23
119	Gold(I)-Catalyzed Regio- and Stereoselective 1,3-Dipolar Cycloaddition Reactions of 1-(1-Alkynyl)cyclopropyl Oximes with Nitrones: A Modular Entry to Highly Substituted Pyrrolo[3,4-d][1,2]oxazepines. *Advanced Synthesis and Catalysis*, **2012**, 354, 2556-2560	5.6	23
118	Alkynyl Group as Activating Group: Base-Catalyzed Diastereoselective Domino Reactions of Electron-Deficient Enynes. *Advanced Synthesis and Catalysis*, **2009**, 351, 3083-3088	5.6	23
117	Access to -chiral - and -phosphine oxides enabled by Le-Phos-catalyzed asymmetric kinetic resolution. *Chemical Science*, **2020**, 11, 9983-9988	9.4	23
116	Efficient synthesis of isochromanones and isoquinolines via Yb(OTf)3-catalyzed tandem oxirane/aziridine ring opening/Friedel-Crafts cyclization. *Chemical Communications*, **2012**, 48, 2636-8	5.8	22
115	Development of Transition-Metal-Catalyzed C(sp2)-H Functionalization of Arenes with Diazo Compounds. *Chinese Journal of Organic Chemistry*, **2017**, 37, 1117	3	22
114	Phosphine-Catalyzed Enantioselective Dearomative [3+2]-Cycloaddition of 3-Nitroindoles and 2-Nitrobenzofurans. *Angewandte Chemie*, **2019**, 131, 5476-5480	3.6	22
113	Phosphine-Catalyzed Difunctionalization of β-Fluoroalkyl β-Enones: A Direct Approach to α-Amino α-Diazo Carbonyl Compounds. *Angewandte Chemie - International Edition*, **2018**, 57, 15787-15791	16.4	22
112	Synthesis of Heterocycles through Denitrogenative Cyclization of Triazoles and Benzotriazoles. *Chemistry - A European Journal*, **2020**, 26, 11931-11945	4.8	21
111	NIS-mediated oxidative cyclization of N-(2-trifluoromethyl-3-alkynyl) hydroxylamines: a facile access to 4-trifluoromethyl-5-acylisoxazoles. *Organic and Biomolecular Chemistry*, **2014**, 12, 8942-6	3.9	21
110	Phosphine-mediated regio- and stereoselective hydrocarboxylation of enynes. *Organic Letters*, **2014**, 16, 162-5	6.2	21
109	Nickel-Catalyzed Annulation of Donor–Acceptor Oxiranes with Imines: Diastereoselective Access to Highly Substituted 2,4-trans-Oxazolidines. *Advanced Synthesis and Catalysis*, **2013**, 355, 2793-2797	5.6	21
108	Catalyst-Enabled Chemodivergent Construction of Alkynyl- and Vinyl-Substituted Diarylmethanes from -Quinone Methides and Alkynes. *Organic Letters*, **2019**, 21, 7539-7543	6.2	20
107	Direct Synthesis of Sulfinamides by the Copper-Catalyzed Electrophilic Amidation of Sulfenate Anions. *Advanced Synthesis and Catalysis*, **2018**, 360, 1123-1127	5.6	20
106	Reaction of Two Differently Functionalized Oxiranes with Nickel Perchlorate: A Modular Entry to Highly Substituted 1,3-Dioxolanes. *European Journal of Organic Chemistry*, **2013**, 2013, 4748-4751	3.2	20
105	Gold(I)-catalyzed asymmetric [3 + 2]-cycloadditions of α-1-ethoxyethoxy-propiolates and aldehydes. *Organic Chemistry Frontiers*, **2015**, 2, 221-225	5.2	20
104	Gold(i)-catalyzed cyclization of 2-(1-alkynyl)-alk-2-en-1-one oximes: a facile access to highly substituted N-alkoxypyrroles. *Chemical Communications*, **2012**,	5.8	20

103	Regioselective Addition of Organometallic Reagents to 2-(1-Alkynyl)-2-alken-1-ones for an Efficient Synthesis of Substituted 1,2-Allenyl Ketones. *Advanced Synthesis and Catalysis*, **2011**, 353, 1265-1268	5.6	20
102	Asymmetric Construction of 2,3-Dihydroisoxazoles via an Organocatalytic Formal [3 + 2] Cycloaddition of Enynes with N-Hydroxylamines. *Organic Letters*, **2016**, 18, 3972-5	6.2	20
101	Divergent synthesis from reactions of 2-trifluoromethyl-1,3-conjugated enynes with N-acetylated 2-aminomalonates. *Organic and Biomolecular Chemistry*, **2017**, 15, 2253-2258	3.9	19
100	Chirality Transfer in Rhodium(I)-Catalyzed [3 + 2]-Cycloaddition of Vinyl Aziridines and Oxime Ethers: Atom-Economical Synthesis of Chiral Imidazolidines. *Organic Letters*, **2018**, 20, 3587-3590	6.2	19
99	Selectivity Control in Lewis Acid Catalyzed Regiodivergent Tandem Cationic Cyclization/Ring Expansion Terminated by Pinacol Rearrangement. *Angewandte Chemie*, **2009**, 121, 6209-6212	3.6	19
98	One-pot synthesis of fused tricyclic heterocycles with quaternary carbon stereocenter by sequential pauson-khand reaction and formal [3+3] cycloaddition. *Chemistry - A European Journal*, **2008**, 14, 9139-42	4.8	19
97	Asymmetric Dearomatization of Indole by Palladium/PC-Phos-Catalyzed Dynamic Kinetic Transformation. *Angewandte Chemie - International Edition*, **2020**, 59, 21991-21996	16.4	19
96	Copper(i)-catalyzed asymmetric exo-selective [3+2] cycloaddition of azomethine ylides with □trifluoromethyl □disubstituted enones. *Chemical Communications*, **2017**, 53, 8152-8155	5.8	18
95	Highly Substituted Pyrroles by a Gold(I)-Catalyzed Tandem Reaction of 1-(1-Alkynyl)cyclopropyl Oxime Ethers with Nucleophiles. *Synlett*, **2012**, 23, 1389-1393	2.2	18
94	Catalytic Asymmetric[4+3] Cyclizations of 2-Indolylmethanols with ortho-Quinone Methides. *Chinese Journal of Organic Chemistry*, **2019**, 39, 3308	3	18
93	Direct Aza-Darzens Aziridination of N-Tosylimines with 2-Bromomalonates for the Synthesis of Highly Functionalized Donor-Acceptor Aziridines. *Advanced Synthesis and Catalysis*, **2012**, 354, 3485-3489	5.6	17
92	Nickel-catalyzed alkyl-alkyl cross-coupling reactions of non-activated secondary alkyl bromides with aldehydes as alkyl carbanion equivalents. *Chemical Communications*, **2019**, 55, 2793-2796	5.8	16
91	Copper-catalysed ortho-selective C-H bond functionalization of phenols and naphthols with □aryl-□diazoesters. *Chemical Communications*, **2020**, 56, 9485-9488	5.8	16
90	Enantioselective Synthesis of 4H-Pyrans Through Organocatalytic Asymmetric Formal [3+3] Cycloadditions of 2-(1-Alkynyl)-2-alken-1-ones with □Keto Esters. *Advanced Synthesis and Catalysis*, **2016**, 358, 3015-3020	5.6	16
89	Kinetics studies of dimethyl carbonate synthesis from urea and methanol over ZnO catalyst. *Korean Journal of Chemical Engineering*, **2010**, 27, 1744-1749	2.8	16
88	Enantioselective Difunctionalization of Alkenes by a Palladium-Catalyzed Heck/Sonogashira Sequence. *Angewandte Chemie*, **2020**, 132, 2791-2797	3.6	16
87	Design and Enantioselective Synthesis of □Vinyl Tryptamine Building Blocks for Construction of Privileged Chiral Indole Scaffolds. *ACS Catalysis*, **2017**, 7, 4047-4052	13.1	15
86	Design, synthesis and application of a new type of bifunctional in highly enantioselective □addition reactions of N-centered nucleophiles to allenoates. *Chemical Science*, **2019**, 10, 10510-10515	9.4	15

85	Scandium-catalyzed tandem selective oxirane ring-opening/Friedel-Crafts alkylation: a facile access to [1,4]oxazino[4,3-a]indoles and 3,4-dihydro-1H-pyrrolo[2,1-c][1,4]oxazines. *Organic and Biomolecular Chemistry*, **2014**, 12, 6869-77	3.9	15
84	Diazirine-Based DNA Photo-Cross-Linking Probes for the Study of Protein□DNA Interactions. *Angewandte Chemie*, **2008**, 120, 96-99	3.6	15
83	Transfer of Chirality in the Rhodium-Catalyzed Chemoselective and Regioselective Allylic Alkylation of Hydroxyarenes with Vinyl Aziridines. *Organic Letters*, **2017**, 19, 2897-2900	6.2	14
82	-Phosphination of Aldehydes/Ketones toward Phosphoric Esters: Experimental and Mechanistic Studies. *Organic Letters*, **2020**, 22, 4742-4748	6.2	14
81	Pd/Xiang-Phos-catalyzed enantioselective intermolecular carboheterofunctionalization under mild conditions. *Chemical Science*, **2020**, 11, 6283-6288	9.4	14
80	Palladium-Catalyzed Fluoroarylation of -Difluoroenynes to Access Trisubstituted Trifluoromethyl Allenes. *Organic Letters*, **2020**, 22, 5229-5234	6.2	14
79	Ming-Phos/Gold(I)-Catalyzed Stereodivergent Synthesis of Highly Substituted Furo[3,4-d][1,2]oxazines□*Chinese Journal of Chemistry*, **2020**, 38, 577-582	4.9	14
78	Cu(I)-Ming-phos Catalyzed Enantioselective [3+2] Cycloadditions of Glycine ketimines to □Trifluoromethyl Enones. *Advanced Synthesis and Catalysis*, **2018**, 360, 2144-2150	5.6	14
77	Modular Access to the Stereoisomers of Fused Bicyclic Azepines: Rhodium-Catalyzed Intramolecular Stereospecific Hetero-[5+2] Cycloaddition of Vinyl Aziridines and Alkenes. *Angewandte Chemie*, **2015**, 127, 16080-16084	3.6	14
76	Palladium(II)-catalyzed stereospecific three-component domino reactions of diyne-enones, nucleophiles, and vinyl ketones. *Chemistry - an Asian Journal*, **2012**, 7, 294-7	4.5	14
75	Palladium/Xiao-Phos-Catalyzed Kinetic Resolution of sec-Phosphine Oxides by P-Benzylation. *Angewandte Chemie - International Edition*, **2021**,	16.4	14
74	Design and Synthesis of TY-Phos and Application in Palladium-Catalyzed Enantioselective Fluoroarylation of gem-Difluoroalkenes. *Angewandte Chemie*, **2020**, 132, 23157-23162	3.6	14
73	A highly efficient one-pot trifluoromethylation/cyclization reaction of electron-deficient 1,3-conjugated enynes: modular access to trifluoromethylated furans and 2,3-dihydrofurans. *Organic Chemistry Frontiers*, **2016**, 3, 1416-1419	5.2	13
72	Transition metal-free base-promoted arylation of sulfenate anions with diaryliodonium salts. *Organic Chemistry Frontiers*, **2019**, 6, 32-35	5.2	13
71	Phosphine-Catalyzed Asymmetric Intermolecular Cross Rauhut□Currier Reaction of □Perfluoroalkyl-Substituted Enones and Vinyl Ketones. *Advanced Synthesis and Catalysis*, **2017**, 359, 3347-3353	5.6	13
70	Direct Asymmetric Formal [3 + 2] Cycloaddition Reaction of Isocyanoesters with □Trifluoromethyl □Disubstituted Enones Leading to Optically Active Dihydropyrroles. *Organic Letters*, **2018**, 20, 2716-2719	6.2	12
69	Divergent synthesis of functionalized pyrrolidines and □amino ketones via rhodium-catalyzed switchable reactions of vinyl aziridines and silyl enol ethers. *Chemical Communications*, **2018**, 54, 2401-2404	5.8	12
68	Control of Chemoselectivity by Coordinated Water and Relative Size of Ligands to Metal Cations of Lewis Acid Catalysts for Cycloaddition of an Oxirane Derivative to an Aldehyde: Theoretical and Experimental Study. *Organometallics*, **2014**, 33, 1715-1725	3.8	12

67	Organocatalytic hetero [4+2] cycloaddition reactions of 2-(1-alkynyl)-2-alkene-1-ones: metal-free access to highly substituted 4H-pyrans. *Organic and Biomolecular Chemistry*, **2010**, 8, 5059-61	3.9	12
66	Novel chiral sulfinamide phosphines: valuable precursors to chiral aminophosphines. *Tetrahedron*, **2016**, 72, 2700-2706	2.4	12
65	Rhodium(I)-Catalyzed Intermolecular Aza-[4+3] Cycloaddition of Vinyl Aziridines and Dienes: Atom-Economical Synthesis of Enantiomerically Enriched Functionalized Azepines. *Angewandte Chemie*, **2017**, 129, 1371-1375	3.6	11
64	Gold-catalyzed intermolecular [4+1] spiroannulation via site-selective aromatic C(sp)-H functionalization and dearomatization of phenol derivatives. *Chemical Communications*, **2020**, 56, 8202-8205	5.8	11
63	Gold(I)-Catalyzed Diastereo- and Enantioselective Synthesis of Polysubstituted Pyrrolo[3,4-d][1,2]oxazines. *Chinese Journal of Chemistry*, **2018**, 36, 519-525	4.9	11
62	Chiral bifunctional bisphosphine enabled enantioselective tandem Michael addition of tryptamine-derived oxindoles to ynones. *Chemical Communications*, **2019**, 55, 9176-9179	5.8	11
61	Highly Enantioselective Intermolecular Rauhut Currier Reaction of Activated Alkenes Catalyzed by Multifunctional Chiral Phosphine. *Acta Chimica Sinica*, **2016**, 74, 800	3.3	11
60	Triflic Acid-Catalyzed Enynes Cyclization: A New Strategy beyond Electrophilic Activation. *Chemistry - A European Journal*, **2016**, 22, 8488-92	4.8	11
59	Regiodivergent Intermolecular [3+2] Cycloadditions of Vinyl Aziridines and Allenes: Stereospecific Synthesis of Chiral Pyrrolidines. *Angewandte Chemie*, **2016**, 128, 11002-11006	3.6	11
58	Cu(I)-catalyzed Michael addition of ketiminoesters to trifluoromethyl disubstituted enones: rapid access to 1-pyrrolines bearing a quaternary all-carbon stereocenter. *Organic Chemistry Frontiers*, **2017**, 4, 1772-1776	5.2	10
57	Gold(I)-Catalyzed Diastereoselective Domino Reactions of 2-(1-Alkynyl)alk-2-en-1-one Oxime Ethers with Unsaturated Imines Consisting of 1,2-Alkyl Migration. *Israel Journal of Chemistry*, **2013**, 53, 911-914	2.4	10
56	Rhodium(I)-Catalyzed Stereospecific [3+2] Cycloadditions of Vinylaziridines and Ynamides. *Chinese Journal of Organic Chemistry*, **2017**, 37, 1165	3	10
55	Construction of P-Chiral Alkenylphosphine Oxides through Highly Chemo-, Regio-, and Enantioselective Hydrophosphinylation of Alkynes. *Angewandte Chemie*, **2020**, 132, 20826-20831	3.6	10
54	Phosphine-Catalyzed Regioselective and Stereoselective Hydrohalogenation Reaction of 2-(1-Alkynyl)-2-alken-1-ones: Synthesis of 2-Halo-1,3-dienes. *Advanced Synthesis and Catalysis*, **2015**, 357, 2651-2655	5.6	9
53	Laboratory of Organometallic Chemistry, Shanghai Institute of Organic Chemistry, Chinese Academy of Sciences, 354 Fenglin Lu, Shanghai 200032, P. R. China. *Pure and Applied Chemistry*, **2000**, 72, 1739-1743	2.1	9
52	Synthesis of Substituted Naphtho-Ferrocenes via a Gold(I)-Catalyzed Intramolecular 6-endo-Dig Cyclization. *Chinese Journal of Chemistry*, **2017**, 35, 849-852	4.9	8
51	Palladium-Catalyzed Intermolecular Heck-Type Dearomative [4 + 2] Annulation of 2-Isoindole Derivatives with Internal Alkynes. *Organic Letters*, **2020**, 22, 5063-5067	6.2	8
50	Copper-catalyzed asymmetric tandem borylative addition and aldol cyclization. *Organic Chemistry Frontiers*, **2020**, 7, 2492-2498	5.2	8

49	Pd/Xiang-Phos-catalyzed enantioselective intermolecular carboheterofunctionalization of norbornene and norbornadiene. *Chemical Communications*, **2020**, 56, 13125-13128	5.8	8
48	Simultaneous construction of axial and planar chirality by gold/TY-Phos-catalyzed asymmetric hydroarylation. *Nature Communications*, **2021**, 12, 4609	17.4	8
47	Palladium/TY-Phos-Catalyzed Asymmetric Intermolecular α-Arylation of Aldehydes with Aryl Bromides. *Angewandte Chemie - International Edition*, **2021**, 60, 18542-18546	16.4	8
46	Palladium-Catalyzed Asymmetric Tandem Denitrogenative Heck/Tsuji-Trost of Benzotriazoles with 1,3-Dienes. *Journal of the American Chemical Society*, **2021**, 143, 13010-13015	16.4	8
45	Recent advances in Pd-catalyzed asymmetric addition reactions. *Advances in Organometallic Chemistry*, **2020**, 74, 325-403	3.8	7
44	Gold(I)-Catalyzed Stereospecific [4+3]-Cycloaddition Reaction of 1-(Alk-1-ynyl)cyclopropyl Ketones with Nitrones: A Modular Entry to Enantioenriched 5,7-Fused Bicyclic Furo[3,4-d][1,2]oxazepines. *Synthesis*, **2016**, 48, 512-519	2.9	7
43	Silver-Catalyzed Double Hydrocarbonation of 2-Trifluoromethyl-1,3-Conjugated Enynes with 1,3-Dicarbonyl Compounds: Synthesis of Ring-Trifluoromethylated Cyclopentene. *Advanced Synthesis and Catalysis*, **2017**, 359, 3555-3559	5.6	7
42	Triflic Acid-Catalyzed Chemo- and Site-Selective C–H Bond Functionalization of Phenols With 1,3-Dienes. *Advanced Synthesis and Catalysis*, **2021**, 363, 2740-2745	5.6	7
41	Multi-layer 3D chirality: its enantioselective synthesis and aggregation-induced emission. *National Science Review*, **2021**, 8, nwaa205	10.8	7
40	Highly Substituted Cyclohexenes via Phosphine-Catalyzed [4+2] Annulation of Electron-deficient Dienes and Vinyl Ketones. *Advanced Synthesis and Catalysis*, **2018**, 360, 682-685	5.6	7
39	Enantiodivergent synthesis of 1,2-bis(diphenylphosphino)ethanes via asymmetric [3 + 2]-cycloaddition. *Organic Chemistry Frontiers*, **2019**, 6, 694-698	5.2	6
38	Visible Light Driven Copper(I) Catalyzed Oxyamination of Electron Deficient Alkenes. *Chinese Journal of Chemistry*, **2020**, 38, 1116-1122	4.9	6
37	A metal-free dyotropic-like rearrangement of 2-oxa allylic alcohols in the presence of organoboronic acids. *Chemical Communications*, **2014**, 50, 9879-82	5.8	6
36	Pd-catalyzed enantioselective intramolecular Heck reaction to access disubstituted dihydroisoquinolinone with a terminal olefin. *Green Synthesis and Catalysis*, **2021**,	9.3	6
35	Enantioselective Synthesis of Isoxazolines Enabled by Palladium-Catalyzed Carboetherification of Alkenyl Oximes. *Angewandte Chemie*, **2020**, 132, 4451-4457	3.6	6
34	Catalytic Enantiodivergent Michael Addition by Subtle Adjustment of Achiral Amino Moiety of Dipeptide Phosphines. *IScience*, **2020**, 23, 101138	6.1	6
33	Phosphine-catalyzed conjugate cyanation of β-trifluoromethyl enones: access to β-trifluoromethyl β-carbonyl nitriles. *Organic Chemistry Frontiers*, **2020**, 7, 2644-2648	5.2	6
32	Asymmetric Dearomatization of Indole by Palladium/PC-Phos-Catalyzed Dynamic Kinetic Transformation. *Angewandte Chemie*, **2020**, 132, 22175-22180	3.6	6

31	Copper-Catalyzed Chemodivergent Cyclization of N-(-alkynyl)aryl-Pyrrole and Indoles. *Organic Letters*, **2020**, 22, 4511-4516	6.2	5
30	Palladium/Xu-Phos-catalyzed asymmetric carboamination towards isoxazolidines and pyrrolidines. *Chemical Science*, **2021**, 12, 8241-8245	9.4	5
29	Iron-catalysed chemo- and ortho-selective C–H bond functionalization of phenols with α-aryl-α-diazoacetates. *Organic Chemistry Frontiers*, **2021**, 8, 3770-3775	5.2	5
28	Gold(I)-Catalyzed Enantioselective Cyclopropanation of α-Aryl Diazoacetates with Enamides. *Organometallics*, **2019**, 38, 4036-4042	3.8	4
27	Divergent access to N-hydroxypyrroles and isoxazoles via the gold(i)- or Brønsted acid-catalysed regioselective cyclization of N-(2-trifluoromethyl-3-alkynyl) oximes. *Organic and Biomolecular Chemistry*, **2018**, 16, 1375-1380	3.9	4
26	Product Selectivity Control in the Domino Cyclization of 2-(2-Alkynylarylidene)-1,3-dicarbonyl Compounds Catalyzed by Metal Lewis Acids. *Synthesis*, **2014**, 46, 2133-2142	2.9	4
25	Catalytic Asymmetric Inverse-Electron-Demand Diels-Alder Reactions of 2-Pyrones with Indenes: Total Syntheses of Cephanolides A and B. *Angewandte Chemie - International Edition*, **2021**, 60, 26610-26615	16.4	4
24	Palladium/Xiao-Phos-Catalyzed Kinetic Resolution of sec-Phosphine Oxides by P-Benzylation. *Angewandte Chemie*,	3.6	4
23	Thioether-functionalized trifluoromethyl-alkynes, 1,3-dienes and allenes: divergent synthesis from reaction of 2-trifluoromethyl-1,3-conjugated enynes with sulfur nucleophiles.. *RSC Advances*, **2018**, 8, 34088-34093	3.7	4
22	Phosphine-Catalyzed Difunctionalization of β-Fluoroalkyl β-Enones: A Direct Approach to β-Amino α-Diazo Carbonyl Compounds. *Angewandte Chemie*, **2018**, 130, 16013-16017	3.6	4
21	Palladium/Xu-Phos Catalyzed Enantioselective Tandem Heck/Cacchi Reaction of Unactivated Alkenes. *Chinese Journal of Chemistry*, **2021**, 39, 3255	4.9	4
20	SBA-15 Supported Chiral Phosphine-Gold(I) Complex: Highly Efficient and Recyclable Catalyst for Asymmetric Cycloaddition Reactions. *ChemCatChem*, **2020**, 12, 4067-4072	5.2	4
19	Copper(I)-Catalyzed Asymmetric [3+2]-Cycloaddition of α-Substituted Iminoesters with α-Trifluoromethyl β-Unsaturated Esters. *Chinese Journal of Chemistry*, **2018**, 36, 421-429	4.9	3
18	Enantioselective Dearomative Mizoroki–Heck Reaction of Naphthalenes. *ACS Catalysis*, **2022**, 12, 655-661	13.1	3
17	Palladium-Catalyzed Asymmetric Cross-Coupling Reactions of Cyclobutanols and Unactivated Olefins. *Organic Letters*, **2021**,	6.2	3
16	Pd-Catalyzed Enantioselective Dicarbofunctionalization of Alkene to Access Disubstituted Dihydroisoquinolinone. *Organic Letters*, **2021**, 23, 4099-4103	6.2	3
15	Ming-Phos/Copper(I)-Catalyzed Asymmetric[3+2] Cycloaddition of Azomethine Ylides with Nitroalkenes. *Acta Chimica Sinica*, **2020**, 78, 245	3.3	2
14	Phosphine-Mediated Sequential Staudinger/Aza-Michael Addition of Azides with Unsaturated Ketones to Synthesize β-Amino Substituted Ketones. *Chinese Journal of Organic Chemistry*, **2019**, 39, 2157	3	2

13	Pd/GF-Phos-Catalyzed Asymmetric Three-Component Coupling Reaction to Access Chiral Diarylmethyl Alkynes. *Journal of the American Chemical Society*, **2021**, 143, 17983-17988	16.4	2
12	Frontispiece: Gold-Catalyzed Enantioselective Annulations. *Chemistry - A European Journal*, **2017**, 23,	4.8	1
11	Chemical synthesis and enzymatic properties of RNase A analogues designed to enhance second-step catalytic activity. *Organic and Biomolecular Chemistry*, **2016**, 14, 8804-8814	3.9	1
10	Enantioselective difunctionalization of alkenes by a palladium-catalyzed Heck/borylation sequence.. *Chemical Science*, **2022**, 13, 2021-2025	9.4	1
9	Frontispiece: Synthesis of Heterocycles through Denitrogenative Cyclization of Triazoles and Benzotriazoles. *Chemistry - A European Journal*, **2020**, 26,	4.8	1
8	Palladium/TY-Phos-Catalyzed Asymmetric Intermolecular □Arylation of Aldehydes with Aryl Bromides. *Angewandte Chemie*, **2021**, 133, 18690-18694	3.6	1
7	Au- and Pt-Catalyzed C?H Activation/Functionalizations for the Synthesis of Heterocycles **2016**, 359-402		1
6	Copper-catalyzed cyclization reaction: synthesis of trifluoromethylated indolinyl ketones. *Chemical Communications*, **2021**, 57, 4448-4451	5.8	1
5	Mesocellular silica foams supported size-controlled Pd nanoparticles for racemic and asymmetric iodomethyl dihydrobenzofuran synthesis. *Microporous and Mesoporous Materials*, **2021**, 322, 111157	5.3	0
4	Pd-Catalyzed Enantioselective Dearomative Allylic Annulation to Access PPAPs Analogues. *Organic Letters*, **2021**, 23, 7824-7828	6.2	0
3	Pd/PC-Phos-Catalyzed Enantioselective Intermolecular Denitrogenative Cyclization of Benzotriazoles with Allenes and N-Allenamides. *Angewandte Chemie*, **2019**, 131, 11566	3.6	
2	PALLADIUM-CATALYZED CASCADE REACTIONS OF ALKENES, ALKYNES, AND ALLENES **2013**, 225-282		
1	R□ktitelbild: Highly Regio-, Diastereo-, and Enantioselective Gold(I)-Catalyzed Intermolecular Annulations with N-Allenamides at the Proximal C?C Bond (Angew. Chem. 49/2015). *Angewandte Chemie*, **2015**, 127, 15192-15192	3.6	