Yin Wei

List of Publications by Citations

243 papers	7,501 citations	43 h-index	76 g-index
319 ext. papers	8,380 ext. citations	6.2 avg, IF	6.7 L-index

#	Paper	IF	Citations
243	Recent advances in organocatalytic asymmetric Morita-Baylis-Hillman/aza-Morita-Baylis-Hillman reactions. *Chemical Reviews*, **2013**, 113, 6659-90	68.1	538
242	Multifunctional chiral phosphine organocatalysts in catalytic asymmetric Morita-Baylis-Hillman and related reactions. *Accounts of Chemical Research*, **2010**, 43, 1005-18	24.3	469
241	Development of asymmetric phosphine-promoted annulations of allenes with electron-deficient olefins and imines. *Chemical Communications*, **2012**, 48, 1724-32	5.8	269
240	Recent developments of cyclopropene chemistry. *Chemical Society Reviews*, **2011**, 40, 5534-63	58.5	238
239	Rapid generation of molecular complexity in the Lewis or Brønsted acid-mediated reactions of methylenecyclopropanes. *Accounts of Chemical Research*, **2012**, 45, 641-52	24.3	181
238	Recent extensions of the Morita-Baylis-Hillman reaction. *Chemical Communications*, **2009**, 5496-514	5.8	157
237	Chemistry of vinylidenecyclopropanes. *Chemical Reviews*, **2010**, 110, 5883-913	68.1	156
236	Applications of chiral phosphine-based organocatalysts in catalytic asymmetric reactions. *Chemistry - an Asian Journal*, **2014**, 9, 2720-34	4.5	146
235	Highly regio- and diastereoselective construction of spirocyclopenteneoxindoles through phosphine-catalyzed [3 + 2] annulation of Morita-Baylis-Hillman carbonates with isatylidene malononitriles. *Organic Letters*, **2011**, 13, 3348-51	6.2	137
234	Divergent Synthesis of Carbo- and Heterocycles via Gold-Catalyzed Reactions. *ACS Catalysis*, **2016**, 6, 2515-2524	13.1	136
233	Phosphine- and nitrogen-containing Lewis base catalyzed highly regioselective and geometric selective cyclization of isatin derived electron-deficient alkenes with ethyl 2,3-butadienoate. *Organic Letters*, **2011**, 13, 1142-5	6.2	118
232	Lu Le [3 + 2] cycloaddition of allenes with electrophiles: discovery, development and synthetic application. *Organic Chemistry Frontiers*, **2017**, 4, 1876-1890	5.2	109
231	Asymmetric [3+2] annulation of allenes with maleimides catalyzed by dipeptide-derived phosphines: facile creation of functionalized bicyclic cyclopentenes containing two tertiary stereogenic centers. *Chemical Communications*, **2012**, 48, 970-2	5.8	104
230	Phosphine-catalyzed highly diastereoselective [3+2] cyclization of isatin derived electron-deficient alkenes with γ-allenic esters. *Chemical Communications*, **2011**, 47, 1548-50	5.8	103
229	Catalyst-Dependent Stereodivergent and Regioselective Synthesis of Indole-Fused Heterocycles through Formal Cycloadditions of Indolyl-Allenes. *Journal of the American Chemical Society*, **2015**, 137, 8131-7	16.4	93
228	Asymmetric catalytic aza-Morita-Baylis-Hillman reaction for the synthesis of 3-substituted-3-aminooxindoles with chiral quaternary carbon centers. *Organic and Biomolecular Chemistry*, **2013**, 11, 1921-4	3.9	90
227	Phosphine-catalyzed asymmetric [4+1] annulation of Morita-Baylis-Hillman carbonates with dicyano-2-methylenebut-3-enoates. *Chemical Communications*, **2012**, 48, 8664-6	5.8	88

226	Structure-based investigation on the binding interaction of hydroxylated polybrominated diphenyl ethers with thyroxine transport proteins. *Toxicology*, **2010**, 277, 20-8	4.4	87
225	Construction of adjacent spiro-quaternary and tertiary stereocenters through phosphine-catalyzed asymmetric [3+2] annulation of allenoates with alkylidene azlactones. *Chemical Communications*, **2012**, 48, 2764-6	5.8	86
224	Phosphine-catalyzed asymmetric [4+1] annulation of activated β,γ-unsaturated ketones with Morita-Baylis-Hillman carbonates: enantioselective synthesis of spirooxindoles containing two adjacent quaternary stereocenters. *Chemical Communications*, **2014**, 50, 8912-4	5.8	78
223	Theoretical prediction of selectivity in kinetic resolution of secondary alcohols catalyzed by chiral DMAP derivatives. *Journal of the American Chemical Society*, **2012**, 134, 9390-9	16.4	76
222	Palladium-Catalyzed Asymmetric Formal [3+2] Cycloaddition of Vinyl Cyclopropanes and β,γ-Unsaturated α-Keto Esters: An Effective Route to Highly Functionalized Cyclopentanes. *Organometallics*, **2012**, 31, 7591-7599	3.8	76
221	Diastereo- and Enantioselective Construction of Oxindole-Fused Spirotetrahydrofuran Scaffolds through Palladium-Catalyzed Asymmetric [3+2] Cycloaddition of Vinyl Cyclopropanes and Isatins. *Organometallics*, **2013**, 32, 3544-3556	3.8	75
220	Gold(I)-catalyzed cycloisomerization of 1,6-diynes: synthesis of 2,3-disubstituted 3-pyrroline derivatives. *Angewandte Chemie - International Edition*, **2011**, 50, 2583-7	16.4	75
219	A phosphine-catalyzed novel asymmetric [3+2] cycloaddition of C,N-Cyclic azomethine imines with α-substituted allenoates. *Chemistry - A European Journal*, **2014**, 20, 15325-9	4.8	74
218	Chiral Bifunctional Thiourea–Phosphane Organocatalysts in Asymmetric Allylic Amination of Morita–Baylis–Hillman Acetates. *European Journal of Organic Chemistry*, **2011**, 2011, 1956-1960	3.2	73
217	Construction of chiral quaternary carbon through Morita-Baylis-Hillman reaction: an enantioselective approach to 3-substituted 3-hydroxyoxindole derivatives. *Chemistry - A European Journal*, **2010**, 16, 13617-21	4.8	71
216	Enantioselective Synthesis of Highly Functionalized Trifluoromethyl-Bearing Cyclopentenes: Asymmetric [3+2] Annulation of Morita–Baylis–Hillman Carbonates with Trifluoroethylidenemalonates Catalyzed by Multifunctional Thiourea-Phosphines. *Advanced Synthesis and Catalysis*, **2012**, 354, 783-789	5.6	70
215	Chiral phosphine-catalyzed tunable cycloaddition reactions of allenoates with benzofuranone-derived olefins for a highly regio-, diastereo- and enantioselective synthesis of spiro-benzofuranones. *Chemical Science*, **2015**, 6, 7319-7325	9.4	69
214	Enantioselective synthesis of highly functionalized phosphonate-substituted pyrans or dihydropyrans through asymmetric [4+2] cycloaddition of β,γ-unsaturated α-ketophosphonates with allenic esters. *Angewandte Chemie - International Edition*, **2012**, 51, 11328-32	16.4	68
213	Phosphine-catalyzed tandem reaction of allenoates with nitroalkenes. *Organic Letters*, **2010**, 12, 5024-7	6.2	64
212	Methyl cation affinities of commonly used organocatalysts. *Journal of the American Chemical Society*, **2008**, 130, 3473-7	16.4	64
211	Enantioselective synthesis of spirocyclic cyclopentenes: asymmetric [3+2] annulation of 2-arylideneindane-1,3-diones with MBH carbonates derivatives catalyzed by multifunctional thiourea–phosphines. *Tetrahedron*, **2012**, 68, 7911-7919	2.4	58
210	Intramolecular annulation of aromatic rings with N-sulfonyl 1,2,3-triazoles: divergent synthesis of 3-methylene-2,3-dihydrobenzofurans and 3-methylene-2,3-dihydroindoles. *Chemical Communications*, **2015**, 51, 133-6	5.8	55
209	Catalyst-dependent divergent synthesis of pyrroles from 3-alkynyl imine derivatives: a noncarbonylative and carbonylative approach. *Angewandte Chemie - International Edition*, **2014**, 53, 8492-7	16.4	53

208	Asymmetric catalytic Mannich-type reaction of hydrazones with difluoroenoxysilanes using imidazoline-anchored phosphine ligand-zinc(II) complexes. *Organic and Biomolecular Chemistry*, **2012**, 10, 2509-13	3.9	52
207	Palladium-Catalyzed Diastereoselective Formal [5 + 3] Cycloaddition for the Construction of Spirooxindoles Fused with an Eight-Membered Ring. *Organic Letters*, **2019**, 21, 4859-4863	6.2	50
206	Catalytic Asymmetric Synthesis of 2-Alkyleneoxetanes through [2+2] Annulation of Allenoates with Trifluoromethyl Ketones. *Advanced Synthesis and Catalysis*, **2012**, 354, 1926-1932	5.6	50
205	Binding of polycyclic aromatic hydrocarbons to mutants of odorant-binding protein: a first step towards biosensors for environmental monitoring. *Biochimica Et Biophysica Acta - Proteins and Proteomics*, **2008**, 1784, 666-71	4	50
204	Phosphine-Catalyzed Asymmetric [4+2] Annulation of Vinyl Ketones with Oxindole-Derived □Unsaturated Imines: Enantioselective Syntheses of 2?,3?-Dihydro-1?H-spiro[indoline-3,4?-pyridin]-2-ones. *Advanced Synthesis and Catalysis*, **2013**, 355, 3351-3357	5.6	49
203	Chemoselective Reduction of Isatin-Derived Electron-Deficient Alkenes Using Alkylphosphanes as Reduction Reagents. *European Journal of Organic Chemistry*, **2011**, 2011, 2668-2672	3.2	48
202	Axially Chiral Phosphine-Oxazoline Ligands in Silver(I)- Catalyzed Asymmetric Mannich Reaction of Aldimines with Trimethylsiloxyfuran. *Advanced Synthesis and Catalysis*, **2009**, 351, 2897-2902	5.6	44
201	Applications of Chiral Thiourea-Amine/Phosphine Organocatalysts in Catalytic Asymmetric Reactions. *ChemCatChem*, **2017**, 9, 718-727	5.2	43
200	Thermally induced [3+2] cyclization of aniline-tethered alkylidenecyclopropanes: a facile synthetic protocol of pyrrolo[1,2-a]indoles. *Chemical Communications*, **2012**, 48, 7696-8	5.8	42
199	Phosphine-Catalyzed Asymmetric Formal [4+2] Tandem Cyclization of Activated Dienes with Isatylidenemalononitriles: Enantioselective Synthesis of Multistereogenic Spirocyclic Oxindoles. *Advanced Synthesis and Catalysis*, **2014**, 356, 736-742	5.6	41
198	Beyond the aza-Morita-Baylis-Hillman reaction: Lewis base-catalyzed reactions of N-Boc-imines with ethyl 2,3-butadienoate. *Journal of Organic Chemistry*, **2009**, 74, 6343-6	4.2	41
197	Gold(I)-Catalyzed Cycloisomerization of 1,6-Diynes: Synthesis of 2,3-Disubstituted 3-Pyrroline Derivatives. *Angewandte Chemie*, **2011**, 123, 2631-2635	3.6	40
196	Copper-catalyzed cascade cyclization of 1,5-enynes via consecutive trifluoromethylazidation/diazidation and click reaction: self-assembly of triazole fused isoindolines. *Chemical Communications*, **2016**, 52, 13163-13166	5.8	39
195	Substrate-controlled Rh(II)-catalyzed single-electron-transfer (SET): divergent synthesis of fused indoles. *Chemical Communications*, **2016**, 52, 350-3	5.8	39
194	NaH promoted [4+3] annulation of crotonate-derived sulfur ylides with thioaurones: synthesis of 2,5-dihydrobenzo[4,5]thieno[3,2-b]oxepines. *Chemical Communications*, **2017**, 53, 10672-10675	5.8	39
193	Gold(I)-catalyzed cycloisomerization of nitrogen- and oxygen-tethered alkylidenecyclopropanes to tricyclic compounds. *Chemistry - A European Journal*, **2012**, 18, 7026-9	4.8	38
192	An efficient method for the synthesis of alkylidenecyclobutanones by gold-catalyzed oxidative ring enlargement of vinylidenecyclopropanes. *Chemistry - A European Journal*, **2012**, 18, 10501-5	4.8	38
191	Stacking interactions as the principal design element in acyl-transfer catalysts. *Organic and Biomolecular Chemistry*, **2006**, 4, 4223-30	3.9	37

190	Phosphine-catalyzed annulations of 4,4-dicyano-2-methylenebut-3-enoates with maleimides and maleic anhydride. *Angewandte Chemie - International Edition*, **2014**, 53, 10768-73	16.4	35
189	Recent Advances in the Construction of Trifluoromethyl-Containing Spirooxindoles through Cycloaddition Reactions. *Chemistry - an Asian Journal*, **2020**, 15, 1225-1233	4.5	34
188	Diastereo- and Enantioselective Construction of γ-Butenolides through Chiral Phosphane-Catalyzed Allylic Alkylation of Morita–Baylis–Hillman Acetates. *European Journal of Organic Chemistry*, **2011**, 2011, 5146-5155	3.2	34
187	Divergent reaction pathways in gold-catalyzed cycloisomerization of 1,5-enynes containing a cyclopropane ring: dramatic substituent and temperature effects. *Chemical Science*, **2016**, 7, 4318-4328	9.4	34
186	Amine-catalyzed tunable reactions of allenoates with dithioesters: formal [4+2] and [2+2] cycloadditions for the synthesis of 2,3-dihydro-1,4-oxathiines and enantioenriched thietanes. *Chemical Communications*, **2015**, 51, 6430-3	5.8	33
185	Gold(i)-catalyzed highly stereoselective synthesis of polycyclic indolines: the construction of four contiguous stereocenters. *Chemical Communications*, **2016**, 52, 346-9	5.8	33
184	Chiral multifunctional thiourea-phosphine catalyzed asymmetric [3 + 2] annulation of Morita-Baylis-Hillman carbonates with maleimides. *Beilstein Journal of Organic Chemistry*, **2012**, 8, 1098-104	2.5	33
183	Synthesis of Polysubstituted Polycyclic Aromatic Hydrocarbons by Gold-Catalyzed Cyclization–Oxidation of Alkylidenecyclopropane-Containing 1,5-Enynes. *ACS Catalysis*, **2017**, 7, 4242-4247	13.1	32
182	Phosphane-Catalyzed Umpolung Addition Reaction of Nucleophiles to Ethyl 2-Methyl-2,3-butadienoate. *European Journal of Organic Chemistry*, **2011**, 2011, 2673-2677	3.2	32
181	Visible-Light-Induced Trifluoromethylation of Isonitrile-Substituted Methylenecyclopropanes: Facile Access to 6-(Trifluoromethyl)-7,8-Dihydrobenzo[k]phenanthridine Derivatives. *Chemistry - A European Journal*, **2016**, 22, 13059-63	4.8	31
180	Copper-catalyzed trifluoromethylazidation and rearrangement of aniline-linked 1,7-enynes: access to CF-substituted azaspirocyclic dihydroquinolin-2-ones and furoindolines. *Chemical Communications*, **2017**, 53, 8980-8983	5.8	31
179	Gold(i)-catalyzed cycloisomerization of vinylidenecyclopropane-enes carbene or non-carbene processes. *Chemical Science*, **2015**, 6, 5519-5525	9.4	30
178	Asymmetric substitutions of O-Boc-protected Morita-Baylis-Hillman adducts with pyrrole and indole derivatives. *Organic and Biomolecular Chemistry*, **2012**, 10, 1396-405	3.9	29
177	Thermal induced intramolecular [2 + 2] cycloaddition of allene-ACPs. *Organic and Biomolecular Chemistry*, **2013**, 11, 3949-53	3.9	29
176	Recent Developments in Cyclopropane Cycloaddition Reactions. *Trends in Chemistry*, **2019**, 1, 779-793	14.8	28
175	Highly Efficient Construction of Trifluoromethylated Heterocycles; [3+2] Annulation of N,N?-Cyclic or C,N-Cyclic Azomethine Imines with Trifluoromethyl-Containing Electron-Deficient Olefins. *European Journal of Organic Chemistry*, **2013**, 2013, 401-406	3.2	28
174	Highly Efficient and Stereoselective Construction of Bispirooxindole Derivatives via a Three-Component 1,3-Dipolar Cycloaddition Reaction. *ChemistryOpen*, **2014**, 3, 93-8	2.3	28
173	Silver- and gold-catalyzed intramolecular rearrangement of propargylic alcohols tethered with methylenecyclopropanes: stereoselective synthesis of allenylcyclobutanols and 1-vinyl-3-oxabicyclo[3.2.1]octan-8-one derivatives. *Journal of Organic Chemistry*, **2009**, 74, 9466-9	4.2	28

172	Zinc(II)-Catalyzed Mannich-type Reactions of Hydrazones with Difluoroenoxysilane and Its Application in the Synthesis of Optically Active 2,2-Difluoro-3-oxo-benzohydrazide. *Chinese Journal of Chemistry*, **2010**, 28, 1709-1716	4.9	28
171	In vitro fluorescence displacement investigation of thyroxine transport disruption by bisphenol A. *Journal of Environmental Sciences*, **2011**, 23, 315-21	6.4	27
170	Palladium(0)-Catalyzed Reaction of Cyclopropylidenecycloalkanes with Carbon Dioxide. *European Journal of Organic Chemistry*, **2011**, 2011, 7189-7193	3.2	27
169	Trisubstituted alkenes with a single activator as dipolarophiles in a highly diastereo- and enantioselective [3+2] cycloaddition with vinyl epoxides under Pd-catalysis. *Chemical Communications*, **2018**, 54, 13143-13146	5.8	27
168	Rhodium(I)-catalyzed cycloisomerization of nitrogen-tethered indoles and alkylidenecyclopropanes: convenient access to polycyclic indole derivatives. *Chemistry - A European Journal*, **2013**, 19, 13668-73	4.8	26
167	Asymmetric Synthesis of Bioxindole-Substituted Hexahydrofuro[2,3-b]furans via Hydroquinine Anthraquinone-1,4-diyl Diether-Catalyzed Domino Annulation of Acylidenoxindoles/Isatins, Acylidenoxindoles and Allenoates. *Advanced Synthesis and Catalysis*, **2014**, 356, 3799-3808	5.6	26
166	Gold(I) and Br□sted acid catalyzed intramolecular rearrangements of vinylidenecyclopropanes. *Chemistry - A European Journal*, **2010**, 16, 10975-9	4.8	25
165	Activation Relay on Rhodium-Catalyzed C-H Aminomethylation in Cooperation with Photoredox Catalysis. *Organic Letters*, **2019**, 21, 4077-4081	6.2	24
164	Synthesis of indolizine derivatives containing eight-membered rings via a gold-catalyzed two-fold hydroarylation of diynes. *Chemical Communications*, **2018**, 54, 1225-1228	5.8	24
163	Highly Efficient and Diastereoselective Construction of Trifluoromethyl-Containing Spiro[pyrrolidin-3,2Poxindole] by a Catalyst-free Mutually Activated [3+2] Cycloaddition Reaction. *Chemistry - A European Journal*, **2018**, 24, 10038	4.8	24
162	Access to 2?,3?-dihydro-1?H-spiro[indoline-3,4?-pyridin]-2-ones via amino acid derived phosphine-catalyzed asymmetric [4+2] annulation with easily available oxindole-derived □unsaturated imines. *Tetrahedron*, **2014**, 70, 2838-2846	2.4	23
161	Phosphine-Mediated Dimerization of Conjugated Ene-Yne Ketones: Stereoselective Construction of Dihydrobenzofurans. *Advanced Synthesis and Catalysis*, **2017**, 359, 1263-1270	5.6	22
160	Gold-catalyzed cycloisomerization of yne-vinylidenecyclopropanes: a three-carbon synthon for [3+2] cycloadditions. *Chemistry - A European Journal*, **2014**, 20, 3198-204	4.8	22
159	Phosphorus-containing Lewis base catalyzed highly regioselective cyclization of isatin derived electron-deficient alkenes with but-3-yn-2-one. *Tetrahedron*, **2012**, 68, 2401-2408	2.4	22
158	Rhodium(I)-Catalyzed Pauson□Khand-type [3 + 2 + 1] Cycloaddition Reaction of Ene-Vinylidenecyclopropanes and CO: A Highly Regio- and Stereoselective Synthetic Approach for the Preparation of Aza- and Oxa-Bicyclic Compounds. *Organometallics*, **2012**, 31, 4601-4609	3.8	22
157	Reaction of aldimines and difluoroenoxysilane, an unexpected protocol for the synthesis of 2,2-difluoro-3-hydroxy-1-ones. *Tetrahedron*, **2010**, 66, 7361-7366	2.4	22
156	Palladium-catalyzed oxidative cyclization of aniline-tethered alkylidenecyclopropanes with O: a facile protocol to selectively synthesize 2- and 3-vinylindoles. *Chemical Communications*, **2016**, 53, 216-219	5.8	21
155	Lewis base-catalyzed reactions of cyclopropenones: novel synthesis of mono- or multi-substituted allenic esters. *Chemical Communications*, **2014**, 50, 115-7	5.8	21

154	Construction of spiro[indoline]oxindoles through one-pot thermal-induced [3+2] cycloaddition/silica gel-promoted fragmentation sequence between isatin ketonitrones and electron-deficient alkynes. *Tetrahedron*, **2013**, 69, 4088-4097	2.4	21
153	Asymmetric Aza-Morita–Baylis–Hillman Reactions of Alkyl Vinyl Ketones with N-Protected Imines or In Situ Generated N-Protected Imines. *European Journal of Organic Chemistry*, **2010**, 2010, 4098-4105	3.2	21
152	Unprecedented Oxycyanation of Methylenecyclopropanes for the Facile Synthesis of Benzoxazine Compounds Containing a Cyano Group. *Chemistry - A European Journal*, **2016**, 22, 5146-50	4.8	21
151	Solvent-controlled nucleophilic trifluoromethylthiolation of Morita–Baylis–Hillman carbonates: dual roles of DABCO in activating the Zard-type trifluoromethylthiolation reagent and the MBH carbonates. *Organic Chemistry Frontiers*, **2015**, 2, 1088-1093	5.2	20
150	Aza-Michael Addition Reactions of Hydrazones with Activated Alkynes Catalyzed by Nitrogen-Containing Organic Bases. *European Journal of Organic Chemistry*, **2010**, 2010, 4088-4097	3.2	20
149	Rh(II)-Catalyzed Chemoselective Oxidative Amination and Cyclization Cascade of 1-(Arylethynyl)cycloalkyl)methyl Sulfamates. *Organic Letters*, **2017**, 19, 3584-3587	6.2	19
148	Allenic Esters from Cyclopropenones by Lewis Base Catalysis: Substrate Scope, the Asymmetric Variant from the Dynamic Kinetic Asymmetric Transformation, and Mechanistic Studies. *ChemCatChem*, **2015**, 7, 3340-3349	5.2	19
147	Acid-catalyzed cascade reactions of arylvinylcyclopropenes with acetals and aldehydes for the construction of different aromatic systems. *Chemistry - A European Journal*, **2009**, 15, 7543-8	4.8	19
146	The performance of computational techniques in locating the charge separated intermediates in organocatalytic transformations. *Journal of Computational Chemistry*, **2009**, 30, 2617-24	3.5	19
145	The reaction of acyl cyanides with "Huisgen zwitterion": an interesting rearrangement involving ester group migration between oxygen and nitrogen atoms. *Organic and Biomolecular Chemistry*, **2009**, 7, 4708-14	3.9	19
144	Catalyst-controlled synthesis of 4-amino-isoquinolin-1(2H)-one and oxazole derivatives. *Organic Chemistry Frontiers*, **2018**, 5, 1466-1470	5.2	18
143	An atmosphere and light tuned highly diastereoselective synthesis of cyclobuta/penta[b]indoles from aniline-tethered alkylidenecyclopropanes with alkynes. *Chemical Communications*, **2018**, 54, 2870-2873	5.8	18
142	Cascade Amination/Cyclization/Aromatization Process for the Rapid Construction of [2,3-c]Dihydrocarbazoles and [2,3-c]Carbazoles. *Organic Letters*, **2017**, 19, 4476-4479	6.2	18
141	Nickel-Catalyzed Synthesis of Benzo[b]naphtho[1,2- d]azepine via Intramolecular Radical Tandem Cyclization of Alkyl Bromide-Tethered Alkylidenecyclopropanes. *Organic Letters*, **2018**, 20, 6229-6233	6.2	18
140	Ruthenium-catalyzed intramolecular [2+2+2] cycloaddition and tandem cross-metathesis of triynes and enediynes. *ChemistryOpen*, **2013**, 2, 63-8	2.3	17
139	New multifunctional chiral phosphines and BINOL derivatives co-catalyzed enantioselective aza-Morita-Baylis-Hillman reaction of 5,5-disubstituted cyclopent-2-enone and N-sulfonated imines. *Organic and Biomolecular Chemistry*, **2012**, 10, 7429-38	3.9	17
138	A gold(i)-catalyzed intramolecular tandem cyclization reaction of alkylidenecyclopropane-containing alkynes. *Chemical Communications*, **2017**, 53, 11666-11669	5.8	16
137	Morita–Baylis–Hillman reactions of isatins with allenoates. *Tetrahedron*, **2012**, 68, 4899-4905	2.4	16

136	Catalyst-Dependent Divergent Synthesis of Pyrroles from 3-Alkynyl Imine Derivatives: A Noncarbonylative and Carbonylative Approach. *Angewandte Chemie*, **2014**, 126, 8632-8637	3.6	16
135	Thermally induced electrocyclic reaction of methylenecyclopropane methylene diketone derivatives: a facile method for the synthesis of spiro[2.5]octa-3,5-dienes. *Organic Letters*, **2010**, 12, 5120-3	6.2	16
134	C(sp)-H Functionalizations Promoted by the Gold Carbene Generated from Vinylidenecyclopropanes. *Chemistry - A European Journal*, **2016**, 22, 18080-18084	4.8	16
133	Palladium-catalyzed intramolecular transfer hydrogenation & cycloaddition of p-quinamine-tethered alkylidenecyclopropanes to synthesize perhydroindole scaffolds. *Chemical Communications*, **2018**, 54, 14085-14088	5.8	16
132	Gold(i)-catalyzed cascade cyclization of O-tethered 1,7-enynes bearing a cyclopropane moiety: construction of multi-substituted furans. *Chemical Communications*, **2019**, 55, 8126-8129	5.8	15
131	Tunable regiodivergent phosphine-catalyzed [3 + 2] cycloaddition of alkynones and trifluoroacetyl phenylamides. *Organic Chemistry Frontiers*, **2017**, 4, 2392-2402	5.2	15
130	Enantioselective Synthesis of Highly Functionalized Phosphonate-Substituted Pyrans or Dihydropyrans Through Asymmetric [4+2] Cycloaddition of Unsaturated Ketophosphonates with Allenic Esters. *Angewandte Chemie*, **2012**, 124, 11490-11494	3.6	15
129	A Three-Component Condensation for the Construction of the Spiro[indoline-3,3?-piperidin]-2-one Skeleton. *European Journal of Organic Chemistry*, **2012**, 2012, 2792-2800	3.2	15
128	DABCO-Mediated [4+2] Annulation of But-3-yn-2-one and Activated Ketones: Facile Preparation of 2,3-Dihydropyran-4-one. *European Journal of Organic Chemistry*, **2012**, 2012, 3338-3341	3.2	15
127	Privileged chiral catalysts in asymmetric Morita-Baylis-Hillman/aza-Morita-Baylis-Hillman reaction. *Science Bulletin*, **2010**, 55, 1699-1711		15
126	Gold(i)-catalyzed dehydrogenative cycloisomerization of 1,5-enynes. *Chemical Communications*, **2016**, 52, 10799-802	5.8	15
125	Gold(I)-Catalyzed Cycloisomerization of ortho-(Propargyloxy)arenemethylenecyclopropanes Controlled by Adjacent Substituents at Aromatic Rings. *Chemistry - A European Journal*, **2017**, 23, 6845-6852	4.8	14
124	Asymmetric Reactions Catalyzed by Chiral Tertiary Phosphines. *Chinese Journal of Chemistry*, **2020**, 38, 1395-1421	4.9	14
123	Phosphite-mediated annulation: an efficient protocol for the synthesis of multi-substituted cyclopropanes and aziridines. *Tetrahedron*, **2010**, 66, 304-313	2.4	14
122	Exploration of A New Zwitterion: Phosphine-Catalyzed [2+1+2] Cycloaddition Reaction. *Advanced Synthesis and Catalysis*, **2017**, 359, 1663-1671	5.6	13
121	Gold(I) or Gold(III) as Real Intermediate Species in Gold-Catalyzed Cycloaddition Reactions of Enynal/Enynone?. *ACS Catalysis*, **2020**, 10, 6682-6690	13.1	13
120	Silver(I)-catalyzed tandem reactions of N-activated aziridine-propargylic esters to pyrrolidin-3-one derivatives. *Tetrahedron Letters*, **2012**, 53, 6173-6176	2	13
119	Preparation of Di-chlorobis[1-chloro-1-aryl-2-(2?,2?-diarylvinyl)allyl]palladium(II) Complexes and a Novel Dehydrogenative Rearrangement of Arylvinylcyclopropenes for the Synthesis of 7H-Benzo[c]fluorene Derivatives. *Organometallics*, **2011**, 30, 627-632	3.8	13

118	Manganese(III)-mediated oxidative annulation of vinylidenecyclopropanes with 1,3-dicarbonyl compounds. *Tetrahedron*, **2011**, 67, 7139-7142	2.4	13
117	Recent advances in annulation reactions based on zwitterionic □allyl palladium and propargyl palladium complexes. *Organic Chemistry Frontiers*, **2021**, 8, 3475-3501	5.2	13
116	Catalyst-Controlled Product Selectivity for Cycloaddition of Bis(indol-3-yl)-allenes to Fused Spiroindolines and Mechanistic Studies. *Organic Letters*, **2019**, 21, 8250-8255	6.2	12
115	Pd(II)-Catalyzed Tandem Heterocyclization of 1-(1-Alkynyl)cyclopropyl Oxime Derivatives for the Synthesis of Functionalized Pyrroles. *Organic Letters*, **2016**, 18, 3930-3	6.2	12
114	Phosphine-Catalyzed Annulations of 4,4-Dicyano-2-Methylenebut-3-enoates with Maleimides and Maleic Anhydride. *Angewandte Chemie*, **2014**, 126, 10944-10949	3.6	12
113	Grignard reagent/CuI/LiCl-mediated stereoselective cascade addition/cyclization of diynes: a novel pathway for the construction of 1-methyleneindene derivatives. *Chemistry - A European Journal*, **2013**, 19, 15682-8	4.8	12
112	Phosphine-Promoted Cyclization of Dicyclopropenones. *Advanced Synthesis and Catalysis*, **2013**, 355, 3545-3552	5.6	12
111	Evaluation of the noncovalent binding interactions between polycyclic aromatic hydrocarbon metabolites and human p53 cDNA. *Science of the Total Environment*, **2010**, 408, 6285-90	10.2	12
110	Gold- and silver-catalyzed intramolecular annulation and rearrangement of aniline-linked 1,6-enynes containing methylenecyclopropanes. *Organic Chemistry Frontiers*, **2018**, 5, 2091-2097	5.2	12
109	Gold(i)-catalyzed enantioselective synthesis of polycyclic indoline skeletons and enantiomerically enriched □substituted tryptamine-allenes by kinetic resolution. *Chemical Communications*, **2019**, 55, 4210-4213	5.8	11
108	Site-Selective □Alkoxyl Alkynation of Alkyl Esters Mediated by Boryl Radicals. *Organic Letters*, **2019**, 21, 2927-2931	6.2	11
107	Base-Promoted Tandem Cyclization for the Synthesis of Benzonitriles by C□□ Bond Construction. *Advanced Synthesis and Catalysis*, **2018**, 360, 808-813	5.6	11
106	Gold(I)-Catalyzed Intramolecular Carbon-Oxygen Bond Cleavage Reaction via Gold Carbenes Derived from Vinylidenecyclopropanes. *Advanced Synthesis and Catalysis*, **2016**, 358, 3002-3009	5.6	11
105	A Formal Condensation and [4+1] Annulation Reaction of 3-Isothiocyanato Oxindoles with Aza-o-Quinone Methides. *Advanced Synthesis and Catalysis*, **2019**, 361, 5466-5471	5.6	11
104	Facile synthesis of 2-pyrazolines and □□diamino ketones via regioselective ring-opening of hydrazone-tethered aziridines. *Chemical Communications*, **2012**, 48, 9607-9	5.8	11
103	Palladium Acetate Catalyzed Oxidative Aromatization of Methylenecyclopropanes. *European Journal of Organic Chemistry*, **2010**, 2010, 3307-3311	3.2	11
102	Construction of spirothioureas having an amino quaternary stereogenic center via a [3 + 2] annulation of 3-isothiocyanato oxindoles with 2-aminoacrylates. *Organic and Biomolecular Chemistry*, **2018**, 16, 9218-9222	3.9	11
101	Palladium(0)-Catalyzed Intramolecular Cascade Cyclization of Methylenecyclopropanes. *Organic Letters*, **2018**, 20, 7141-7144	6.2	11

100	Gold-catalyzed ring enlargement and cycloisomerization of alkynylamide tethered alkylidenecyclopropanes. *Organic Chemistry Frontiers*, **2018**, 5, 2980-2985	5.2	11
99	Rhodium(II)-catalyzed divergent intramolecular tandem cyclization of N- or O-tethered cyclohexa-2,5-dienones with 1-sulfonyl-1,2,3-triazole: synthesis of cyclopropa[cd]indole and benzofuran derivatives. *Organic Chemistry Frontiers*, **2019**, 6, 2884-2891	5.2	10
98	Gold(I)-Catalyzed Ring Expansion of Alkynylcyclopropyl Allyl Ethers to Construct Tetrasubstituted Methylenecyclobutanones: A Mechanistic Investigation about the Character of Catalytic Amount of Water. *Advanced Synthesis and Catalysis*, **2019**, 361, 2321-2328	5.6	10
97	Rhodium(II)-Catalyzed Intramolecular Transannulation of 4-Methoxycyclohexa-2,5-dienone Tethered 1-Sulfonyl-1,2,3-triazoles: Synthesis of Azaspiro[5.5]undecane Derivatives. *Advanced Synthesis and Catalysis*, **2019**, 361, 3430-3435	5.6	10
96	Rh(II)-Catalyzed Chemoselective Oxidative Amination and Nucleophilic Trapping of gem-Dimethyl Alkynyl-Tethered Sulfamates. *Organic Letters*, **2018**, 20, 84-87	6.2	10
95	A Catalyst-Free Self-Catalyzed [3+2] Cycloaddition Reaction of 3-Isothiocyanato Oxindoles and Vinylpyridines. *European Journal of Organic Chemistry*, **2018**, 2018, 4905-4916	3.2	10
94	Catalyst-free geminal aminofluorination of ortho-sulfonamide-tethered alkylidenecyclopropanes via a Wagner-Meerwein rearrangement. *Chemical Communications*, **2018**, 54, 10503-10506	5.8	10
93	Thermally-induced intramolecular [2 + 2] cycloaddition of acrylamide-tethered alkylidenecyclopropanes. *Organic and Biomolecular Chemistry*, **2018**, 16, 6399-6404	3.9	10
92	N2-Selective Autocatalytic Ditriazolylation Reactions of Cyclopropenones and Tropone with N1-Sulfonyl-1,2,3-triazoles. *Advanced Synthesis and Catalysis*, **2017**, 359, 3304-3310	5.6	10
91	Estimating the stereoinductive potential of cinchona alkaloids with a prochiral probe approach. *Organic Letters*, **2008**, 10, 5413-6	6.2	10
90	Phosphine-Catalyzed Intermolecular Annulations of Fluorinated ortho-Aminophenones with Alkynones: The Switchable [4+2] or [4+2]/[3+2] Cycloaddition. *Advanced Synthesis and Catalysis*, **2019**, 361, 2129-2135	5.6	10
89	A facile method for the synthesis of trifluoromethylthio-/chloro-homoallylic alcohols from methylenecyclopropanes. *Organic Chemistry Frontiers*, **2018**, 5, 2030-2034	5.2	10
88	Dual-role of PtCl catalysis in the intramolecular cyclization of (hetero)aryl-allenes for the facile construction of substituted 2,3-dihydropyrroles and polyheterocyclic skeletons. *Chemical Communications*, **2017**, 53, 5966-5969	5.8	9
87	A rhodium(iii)-catalyzed tunable coupling reaction of indole derivatives with alkylidenecyclopropanes via C-H activation. *Chemical Communications*, **2019**, 55, 7558-7561	5.8	9
86	Visible Light Induced Cyclization to Spirobi[indene] Skeletons from Functionalized Alkylidienecyclopropanes. *Organic Letters*, **2020**, 22, 2494-2499	6.2	9
85	Mechanistic studies on the atmosphere and light tuned synthesis of cyclobuta/penta[b]indoles. *Organic Chemistry Frontiers*, **2018**, 5, 1890-1895	5.2	9
84	Phosphine catalyzed carbon addition and isomerization of alkynones to ketimines: the preparation of 1,3-diene substituted dihydroquinazolinones and 3-aminooxindoles. *Organic Chemistry Frontiers*, **2018**, 5, 210-215	5.2	9
83	Reactions of vinylidenecyclopropanes with diphenyl diselenide in the presence of AIBN and thermally-induced further transformations. *Chemistry - A European Journal*, **2012**, 18, 1280-5	4.8	9

82	Reduction of Activated Carbonyl Groups Using Alkylphosphanes as Reducing Agents: A Mechanistic Study. *European Journal of Organic Chemistry*, **2012**, 2012, 2386-2393	3.2	9
81	Dual Nickel-/Palladium-Catalyzed Reductive Cross-Coupling Reactions between Two Phenol Derivatives. *Organic Letters*, **2020**, 22, 6334-6338	6.2	9
80	Chiral Bidentate NHC Ligands Based on the 1,1PBinaphthyl Scaffold: Synthesis and Application in Transition-Metal-Catalyzed Asymmetric Reactions. *Chemical Record*, **2016**, 16, 2736-2749	6.6	9
79	Divergent Construction of Fully Substituted Pyrroles and Cyclopentadiene Derivatives by Ynamide Annulations: 1,2-Cyclopropyl Migration versus Proton Transfer. *Organic Letters*, **2020**, 22, 5466-5472	6.2	8
78	Indium(III)-catalyzed intramolecular dearomative cycloaddition of N-sulfonylaziridines to indoles: facile synthesis of tetracyclic pyrroloindoline skeletons. *Organic Chemistry Frontiers*, **2018**, 5, 423-427	5.2	8
77	Phosphine-Catalyzed Direct Carbon Addition of Alkynones to Electron-Deficient Carbonyl-Group-Containing Compounds: Preparation of Conjugated Dienes. *ChemCatChem*, **2016**, 8, 3112-3117	5.2	8
76	Phosphine-Catalyzed [3+2] or [4+2] Cycloaddition/SN2 Substitution Domino Reaction of ortho-Aminotrifluoroaceto- phenone Derivatives with Hex-3-yn-2-one: Preparation of Functionalized 1-Benzazepine Compounds. *Advanced Synthesis and Catalysis*, **2017**, 359, 3176-3185	5.6	8
75	Synthesis of 1,2-Dihydrocyclobuta[b]quinoline Derivatives from Isocyanophenyl-Substituted Methylenecyclopropanes. *Advanced Synthesis and Catalysis*, **2017**, 359, 3437-3443	5.6	8
74	Gold(I)-Catalyzed 1,3-O-Transposition Reactions: Ynesulfonamides to Ynamides. *European Journal of Organic Chemistry*, **2015**, 2015, 4108-4113	3.2	8
73	Synthesis of Highly Functionalized Aminoindolizines by Titanium(IV) Chloride Mediated Cycloisomerization and Phosphine-Catalyzed Aza-Michael Addition Reactions. *Asian Journal of Organic Chemistry*, **2013**, 2, 480-485	3	8
72	Ring-Opening Reaction of Methylenecyclopropanes Derived from Methylenecyclopropyl Aldehydes through Cope Rearrangement. *European Journal of Organic Chemistry*, **2010**, 2010, 6038-6042	3.2	8
71	Cascade cyclization reactions of alkylidenecyclopropanes for the construction of polycyclic lactams and lactones by visible light photoredox catalysis. *Organic Chemistry Frontiers*, **2020**, 7, 374-379	5.2	8
70	Iron-catalyzed or iodine-induced intramolecular halocyclization of N-vinyl-tethered methylenecyclopropanes: facile access to halogenated 1,2-dihydroquinolines. *Organic Chemistry Frontiers*, **2017**, 4, 1294-1298	5.2	7
69	Copper(i)-catalyzed carbocyclization of acrylamide-tethered alkylidenecyclopropanes with diaryliodonium salts. *Organic and Biomolecular Chemistry*, **2017**, 15, 9616-9621	3.9	7
68	Phosphine-catalyzed fixation of CO2 with hydroxyl alkynone under ambient temperature and pressure: kinetic resolution and further conversion. *Organic Chemistry Frontiers*, **2019**, 6, 2420-2429	5.2	7
67	Mitsunobu-initiated cascade cyclization of p-quinamines and 2-furanylmethanols: highly regio- and diastereoselective synthesis of functionalized hydrobenzo[c,d]indoles. *Organic and Biomolecular Chemistry*, **2019**, 17, 3737-3740	3.9	7
66	Gold(I) catalyzed cascade cyclization: intramolecular two-fold nucleophilic addition to vinylidenecyclopropanes (VDCPs). *Organic Chemistry Frontiers*, **2018**, 5, 197-202	5.2	7
65	DielsAlder dimerization of MoritaBaylisHillman acetates catalyzed by organocatalysts. *Research on Chemical Intermediates*, **2013**, 39, 5-18	2.8	7

64	Binding interaction between polycyclic aromatic compounds and DNA by fluorescence displacement method. *Environmental Toxicology and Chemistry*, **2009**, 28, 940-5	3.8	7
63	Probing Phosphane-Mediated [2+1] Annulation Reactions. *European Journal of Organic Chemistry*, **2010**, 2010, 1977-1988	3.2	7
62	Visible light mediated synthesis of 4-aryl-1,2-dihydronaphthalene derivatives via single-electron oxidation or MHAT from methylenecyclopropanes. *Organic Chemistry Frontiers*, **2021**, 8, 94-100	5.2	7
61	Mechanistic studies for dirhodium-catalyzed ring expansion reactions. *Organic Chemistry Frontiers*, **2017**, 4, 986-994	5.2	6
60	Silver(I)-Catalyzed Intramolecular Cyclizations of Epoxide-Propargylic Esters to 1,4-Oxazine Derivatives. *ChemistryOpen*, **2017**, 6, 21-24	2.3	6
59	Rh(I)-Catalyzed stereoselective intramolecular cycloaddition reactions of ene-vinylidenecyclopropanes for the construction of fused 6,5-bicyclic skeletons with a quaternary all-carbon stereocenter. *Organic Chemistry Frontiers*, **2019**, 6, 2506-2513	5.2	6
58	Visible-Light-Mediated Decarboxylative Tandem Carbocyclization of Acrylamide-Attached Alkylidenecyclopropanes: Access to Polycyclic Benzazepine Derivatives. *Organic Letters*, **2020**, 22, 5212-5216	6.2	6
57	Palladium-Catalyzed Cascade Reductive and Carbonylative Cyclization of Ortho-Iodo-Tethered Methylenecyclopropanes (MCPs) Using N-Formylsaccharin as CO Source. *Advanced Synthesis and Catalysis*, **2019**, 361, 5677-5683	5.6	6
56	Palladium(II)-Catalyzed Intermolecular Cascade Cyclization of Methylenecyclopropanes with Aromatic Alkynes: Construction of Spirocyclic Compounds Containing Indene and 1,2-Dihydronaphthalene Moieties. *Advanced Synthesis and Catalysis*, **2019**, 361, 3446-3450	5.6	5
55	RhodiumIII/SilverI Relay Catalyzed C–H Aminomethylation with Imine Equivalents and Lewis Acid Catalyzed [4+2] Cycloaddition of Indoles with Triarylhexahydrotriazine. *Chinese Journal of Chemistry*, **2020**, 38, 947-951	4.9	5
54	Rhodium(III)-Catalyzed C–H Benzylation of Indoles at C3 Position with Aza-o-Quinone Methides. *Advanced Synthesis and Catalysis*, **2020**, 362, 3649-3654	5.6	5
53	Synthesis of Diiodinated All-Carbon 3,3′-Diphenyl-1,1′-spirobiindene Derivatives via Cascade Enyne Cyclization and Electrophilic Aromatic Substitution. *Journal of Organic Chemistry*, **2019**, 84, 9282-9296	4.2	5
52	Nitrogen-containing Lewis bases catalyzed highly regio- and stereoselective reactions of allenyl acetates with isatin-derived oximes. *Tetrahedron*, **2013**, 69, 3593-3607	2.4	5
51	An unprecedented ring-opening reaction of N-(aziridin-2-ylmethylene)hydrazines to facile synthesis of functionalized enamines catalysed by Lewis acid. *Chemical Communications*, **2012**, 48, 5334-6	5.8	5
50	Acetoxylation and hydroxylation of diarylmethylenecycloalkanes via radical approach. *Journal of Organic Chemistry*, **2010**, 75, 2528-33	4.2	5
49	Tautomeric Equilibria in 3-Amino-1-(2-aminoimidazol-4-yl)prop-1-ene, a Central Building Block of Marine Alkaloids. *European Journal of Organic Chemistry*, **2008**, 2008, 3811-3816	3.2	5
48	Rhodium(III)-Catalyzed Decarboxylative Aminomethylation of Glycine Derivatives with Indoles via C-H Activation. *Journal of Organic Chemistry*, **2020**, 85, 2838-2845	4.2	5
47	Pd-Promoted cross coupling of iodobenzene with vinylgold via an unprecedented phenyl transmetalation from Pd to Au. *Chemical Communications*, **2020**, 56, 6213-6216	5.8	5

46	Intramolecular difunctionalization of methylenecyclopropanes tethered with carboxylic acid by visible-light photoredox catalysis. *Organic Chemistry Frontiers*, **2021**, 8, 4527-4532	5.2	5
45	Gold(I)-Catalyzed and Ligand-Controlled Regioselective Cascade Cycloisomerizations of Bis(indolyl)-1,3-diynes and a Mechanistic Explanation. *Organic Letters*, **2019**, 21, 7799-7803	6.2	4
44	Rh-Catalyzed intramolecular decarbonylative cyclization of ortho-formyl group tethered alkylidenecyclopropanes (ACPs) for the construction of 2-methylindenes. *Organic Chemistry Frontiers*, **2019**, 6, 2667-2671	5.2	4
43	Phosphine-catalyzed [3 + 2] annulation of 2-aminoacrylates with allenoates and mechanistic studies. *Catalysis Science and Technology*, **2020**, 10, 3959-3964	5.5	4
42	Study on the binding interaction between perfluoroalkyl acids and DNA. *Environmental Science and Pollution Research*, **2013**, 20, 8355-63	5.1	4
41	Stereo- and Regioselective Construction of Spirooxindoles Having Continuous Spiral Rings via Asymmetric [3+2] Cyclization of 3-Isothiocyanato Oxindoles with Thioaurone Derivatives. *European Journal of Organic Chemistry*, **2020**, 2020, 6614-6622	3.2	4
40	Rapid construction of cyclopenta[]naphthalene frameworks from propargylic alcohol tethered methylenecyclopropanes. *Organic and Biomolecular Chemistry*, **2020**, 18, 7396-7400	3.9	4
39	Mechanistic studies for dirhodium-catalyzed chemoselective oxidative amination of alkynyl-tethered sulfamates. *Organic Chemistry Frontiers*, **2019**, 6, 1123-1132	5.2	4
38	Mechanistic Studies on Propargyl Alcohol-Tethered Alkylidenecyclopropane with Aryldiazonium Salt Initiated by Visible Light. *Chinese Journal of Chemistry*, **2021**, 39, 295-300	4.9	4
37	**2018**,		4
36	Lewis Acid-Catalyzed Stereoselective [7+7] Intermolecular Cyclization of Aniline-Tethered Alkylidenecyclopropanes: A One-Step Synthetic Protocol of 14-Membered Macrocyclic Dimers. *Asian Journal of Organic Chemistry*, **2017**, 6, 802-806	3	3
35	Synthesis of Dihydro-2-oxopyrrole (DPO) Building Blocks Catalyzed by Potassium Carbonate. *European Journal of Organic Chemistry*, **2019**, 2019, 7179-7185	3.2	3
34	One-Pot Synthesis of Spirocyclopenta[]indene Derivatives via a Cascade Ring Expansion and Intramolecular Friedel-Crafts-Type Cyclization. *Journal of Organic Chemistry*, **2020**, 85, 2438-2455	4.2	3
33	Rhodium(III)-Catalyzed Cross Coupling of Sulfoxonium Ylides and 1,3-Diynes to Produce Naphthol-Indole Derivatives: An Arene ortho C–H Activation/Annulation Cascade. *ChemCatChem*, **2020**, 12, 5903-5906	5.2	3
32	Silver/Rhodium Relay Catalysis Enables C–H Functionalization of In Situ Generated Isoquinolines with Sulfoxonium Ylides: Construction of Hexahydrodibenzo[a,g]quinolizine Scaffolds. *Advanced Synthesis and Catalysis*, **2021**, 363, 2664-2669	5.6	3
31	Copper-Catalyzed Synthesis of Indolyl Benzo[]carbazoles and Their Photoluminescence Property. *Organic Letters*, **2021**, 23, 5133-5137	6.2	3
30	Iron(III)-Catalyzed 1,3-Functional Group Transposition Reactions: Synthetic Protocol to Access 3-Substituted Indoles. *Asian Journal of Organic Chemistry*, **2016**, 5, 423-427	3	3
29	A facile method for the synthesis of dihydroquinoline-azide from the Lewis acid-catalyzed reaction of alkylidenecyclopropanes with TMSN. *Organic and Biomolecular Chemistry*, **2019**, 17, 9990-9993	3.9	3

28	Reactivities of allenic and olefinic Michael acceptors towards phosphines.. *Chemical Communications*, **2022**,	5.8	3
27	Visible-light-mediated regioselective ring-opening hydrogenolysis of donor–acceptor cyclopropanes with DIPEA and H2O. *Organic Chemistry Frontiers*, **2022**, 9, 1960-1966	5.2	3
26	Gold(I)-catalyzed Benzylation of (Hetero)aryl Boronic Acids with (Hetero)benzyl Bromides by the Strategy of a S 2-type Reaction. *Chemistry - an Asian Journal*, **2018**, 13, 2791-2795	4.5	2
25	The Morita-Baylis-Hillman reaction for non-electron-deficient olefins enabled by photoredox catalysis.. *Chemical Science*, **2022**, 13, 1478-1483	9.4	2
24	Cu(I)-Catalyzed addition-cycloisomerization difunctionalization reaction of 1,3-enyne-alkylidenecyclopropanes (ACPs). *Organic and Biomolecular Chemistry*, **2020**, 18, 7127-7138	3.9	2
23	Silyl Radical-Mediated Carbocyclization of Acrylamide-/Vinyl Sulfonamide-Attached Alkylidenecyclopropanes via Photoredox Catalysis with a Catalytic Amount of Silane Reagent. *ACS Catalysis*, **2021**, 11, 4372-4380	13.1	2
22	Direct Activation of a Remote C(sp)-H Bond Enabled by a Visible-Light Photosensitized Allene Moiety. *Angewandte Chemie - International Edition*, **2021**, 60, 12053-12059	16.4	2
21	A visible-light mediated ring opening reaction of alkylidenecyclopropanes for the generation of homopropargyl radicals. *Chemical Science*, **2021**, 12, 9088-9095	9.4	2
20	Palladium catalyzed divergent cycloadditions of vinylidenecyclopropane-diesters with methyleneindolinones enabled by zwitterionic -propargyl palladium species. *Chemical Communications*, **2021**, 57, 4783-4786	5.8	2
19	Pd-catalyzed enantioselective cyclopropanation of nitriles with mono substituted allyl carbonates enabled by the bulky N-heterocyclic carbene ligand. *Chemical Communications*, **2019**, 55, 6449-6452	5.8	1
18	Construction of -disubstituted -Amino Acid Derivatives via aza-Morita-Baylis-Hillman Reactions of 2-Aminoacrylates with Activated Olefins. *ChemCatChem*, **2020**, 12, 1143-1147	5.2	1
17	Organophosphines-Catalyzed Cycloaddition Reactions **2018**, 141-236		1
16	N-Heterocyclic Carbenes Catalyzed Cycloadditions **2018**, 237-307		1
15	Correcting the wavefront aberration of membrane mirror based on liquid crystal spatial light modulator **2014**,		1
14	The Morita–Baylis–Hillman (MBH) and Hetero-MBH Reactions **2013**, 899-939		1
13	Metal-Free Ring Expansions of Methylenecyclopropanes Through Nitrene Equivalent. *European Journal of Organic Chemistry*, **2011**, 2011, n/a-n/a	3.2	1
12	Visible-light-mediated interrupted Cloke-Wilson rearrangement of cyclopropyl ketones to construct oxy-bridged macrocyclic framework **2022**, 1, 100001		1
11	A highly efficient method for the construction of cyclopropane-containing dihydroindole derivatives from indolemethylenecyclopropanes with DIAD and DEAD. *Organic and Biomolecular Chemistry*, **2020**, 18, 333-336	3.9	1

List of Publications

10	Dimerization–cyclization reactions of isocyanoaryl-tethered alkylidenecyclobutanes via a triplet biradical mediated process. *Organic Chemistry Frontiers*, **2020**, 7, 2634-2643	5.2	1
9	Construction of an isoquinolinone framework from carboxylic-ester-directed umpolung ring opening of methylenecyclopropanes. *Chemical Communications*, **2021**, 57, 11201-11204	5.8	1
8	N-Hydroxyphthalimide imidate esters as amidyl radical precursors in the visible light photocatalyzed C–H amidation of heteroarenes. *Organic Chemistry Frontiers*, **2021**, 8, 1935-1940	5.2	1
7	Rhodium-Catalyzed Asymmetric Cycloisomerization of 1,3-Diketones with Keto-Vinylidenecyclopropanes: Synthesis of Enantiomerically Enriched Cyclic β-Amino Alcohols. *Advanced Synthesis and Catalysis*, **2021**, 363, 1727-1732	5.6	0
6	Thermally-Induced Intramolecular [4+2] Cycloaddition of Allylamino- or Allyloxy-Tethered Alkylidenecyclopropanes. *Chemistry - an Asian Journal*, **2021**, 16, 2463-2468	4.5	0
5	Introduction to Organocatalytic Cycloaddition Reaction **2018**, 1-24		
4	Synthetic Transformations of Organocatalytic Cycloadducts **2018**, 309-367		
3	Metal-Free Synthesis of Polysubstituted Imidazolinone Through Cyclization of Amidines with 2-Substituted Acrylates. *European Journal of Organic Chemistry*, **2020**, 2020, 1093-1099	3.2	
2	Direct Activation of a Remote C(sp3)–H Bond Enabled by a Visible-Light Photosensitized Allene Moiety. *Angewandte Chemie*, **2021**, 133, 12160-12166	3.6	
1	Organoamines-catalyzed Cycloadditions **2018**, 25-140		