

Ying-Chun Chen

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10,755
ext. citations

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L-index

#	Paper	IF	Citations
207	Trienamines in asymmetric organocatalysis: Diels-Alder and tandem reactions. <i>Journal of the American Chemical Society</i> , 2011 , 133, 5053-61	16.4	331
206	Organocatalytic asymmetric transformations of modified Morita-Baylis-Hillman adducts. <i>Chemical Society Reviews</i> , 2012 , 41, 4101-12	58.5	298
205	Aminocatalytic asymmetric Diels-Alder reactions via HOMO activation. <i>Accounts of Chemical Research</i> , 2012 , 45, 1491-500	24.3	289
204	Highly asymmetric Michael addition to alpha,beta-unsaturated ketones catalyzed by 9-amino-9-deoxyepiquinine. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 389-92	16.4	284
203	The Development of Asymmetric Primary Amine Catalysts Based on Cinchona Alkaloids. <i>Synlett</i> , 2008 , 2008, 1919-1930	2.2	228
202	Enantioselective 1,3-dipolar cycloaddition of cyclic enones catalyzed by multifunctional primary amines: beneficial effects of hydrogen bonding. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 7667-70	16.4	222
201	Organocatalytic tandem reaction to construct six-membered spirocyclic oxindoles with multiple chiral centres through a formal [2+2+2] annulation. <i>Chemistry - A European Journal</i> , 2010 , 16, 2852-6	4.8	221
200	Chemoselective asymmetric N-allylic alkylation of indoles with Morita-Baylis-Hillman carbonates. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 5737-40	16.4	211
199	Organocatalytic regio- and stereoselective inverse-electron-demand aza-Diels-Alder reaction of alpha,beta-unsaturated aldehydes and N-tosyl-1-aza-1,3-butadienes. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 5474-7	16.4	202
198	Highly enantioselective michael addition of cyclic 1,3-dicarbonyl compounds to alpha,beta-unsaturated ketones. <i>Organic Letters</i> , 2007 , 9, 413-5	6.2	181
197	Organocatalytic asymmetric inverse-electron-demand aza-Diels-Alder reaction of N-sulfonyl-1-aza-1,3-butadienes and aldehydes. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 9971-4	16.4	177
196	Tertiary amine-catalyzed chemoselective and asymmetric [3 + 2] annulation of Morita-Baylis-Hillman carbonates of isatins with propargyl sulfones. <i>Organic Letters</i> , 2011 , 13, 4584-7	6.2	159
195	Direct asymmetric allylic alkylation of butenolides with Morita-Baylis-Hillman carbonates. <i>Organic Letters</i> , 2010 , 12, 720-3	6.2	154
194	Catalyst-Controlled Switch in Chemo- and Diastereoselectivities: Annulations of Morita-Baylis-Hillman Carbonates from Isatins. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 2147-51	16.4	151
193	Organocatalytic and Stereoselective [3 + 2] Cycloadditions of Azomethine Imines with α -Unsaturated Aldehydes. <i>Advanced Synthesis and Catalysis</i> , 2006 , 348, 1818-1822	5.6	150
192	Organocatalytic enantioselective indole alkylations of alpha,beta-unsaturated ketones. <i>Organic and Biomolecular Chemistry</i> , 2007 , 5, 816-21	3.9	149
191	Recent advances in asymmetric catalysis with cinchona alkaloid-based primary amines. <i>Catalysis Science and Technology</i> , 2011 , 1, 354	5.5	145

190	Switchable divergent asymmetric synthesis via organocatalysis. <i>Chemical Society Reviews</i> , 2017 , 46, 1675-1692	14.1	141
189	Asymmetric direct vinylogous Michael reaction of activated alkenes to nitroolefins catalyzed by modified cinchona alkaloids. <i>Organic Letters</i> , 2005 , 7, 5293-6	6.2	138
188	Dual organocatalysis: asymmetric allylic-allylic alkylation of alpha,alpha-dicyanoalkenes and Morita-Baylis-Hillman carbonates. <i>Chemistry - A European Journal</i> , 2009 , 15, 1574-7	4.8	123
187	exo-Selective asymmetric Diels-Alder reaction of 2,4-dienals and nitroalkenes by trienamine catalysis. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 8638-41	16.4	117
186	Organocatalytic asymmetric Friedel-Crafts alkylation/cascade reactions of naphthols and nitroolefins. <i>Chemical Communications</i> , 2007 , 2228-30	5.8	117
185	Organocatalytic enantioselective Mannich-type reaction of phosphorus ylides: synthesis of chiral N-boc-beta-amino-alpha-methylene carboxylic esters. <i>Journal of the American Chemical Society</i> , 2008 , 130, 2456-7	16.4	112
184	Organocatalytic asymmetric inverse-electron-demand Diels-Alder reaction of electron-deficient dienes and crotonaldehyde. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 6418-20	16.4	111
183	Selective remote C-H sulfonylation of aminoquinolines with arylsulfonyl chlorides via copper catalysis. <i>Chemical Communications</i> , 2015 , 51, 16928-31	5.8	109
182	Organocatalytic and electrophilic approach to oxindoles with C3-quaternary stereocenters. <i>Organic Letters</i> , 2010 , 12, 4260-3	6.2	100
181	Trienamines derived from interrupted cyclic 2,5-dienones: remote π C=C bond activation for asymmetric inverse-electron-demand aza-Diels-Alder reaction. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 14173-6	16.4	99
180	Organocatalytic Regio- and Stereoselective Inverse-Electron-Demand Aza-Diels-Alder Reaction of β -Unsaturated Aldehydes and N-Tosyl-1-aza-1,3-butadienes. <i>Angewandte Chemie</i> , 2009 , 121, 5582-5585	3.6	96
179	Alpha,alpha-dicyanoalkenes: versatile vinylogous nucleophiles for organic synthesis. <i>Chemical Communications</i> , 2009 , 4479-86	5.8	96
178	[4 + 3] Cycloadditions with Bromo-Substituted Morita-Baylis-Hillman Adducts of Isatins and N-(ortho-Chloromethyl)aryl Amides. <i>Organic Letters</i> , 2015 , 17, 4750-3	6.2	95
177	Stereodivergence in amine-catalyzed regioselective [4 + 2] cycloadditions of β -substituted cyclic enones and polyconjugated malononitriles. <i>Journal of the American Chemical Society</i> , 2012 , 134, 19942-7	16.4	95
176	Trienamine catalysis with 2,4-dienones: development and application in asymmetric Diels-Alder reactions. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 4401-4	16.4	93
175	Aminocatalytic asymmetric inverse-electron-demand aza-Diels-Alder reaction of N-Ts-1-aza-1,3-butadienes based on coumarin cores. <i>Chemical Communications</i> , 2010 , 46, 2665-7	5.8	93
174	Asymmetric Diels-Alder reaction of β -disubstituted enals and chromone-fused dienes: construction of collections with high molecular complexity and skeletal diversity. <i>Chemical Science</i> , 2012 , 3, 1879	9.4	88
173	Highly enantioselective Michael addition of malononitrile to alpha,beta-unsaturated ketones. <i>Organic and Biomolecular Chemistry</i> , 2008 , 6, 349-53	3.9	86

172	Unexpected ring-opening reactions of aziridines with aldehydes catalyzed by nucleophilic carbenes under aerobic conditions. <i>Organic Letters</i> , 2006 , 8, 1521-4	6.2	85
171	[3 + 1]- and [3 + 2]-Cycloadditions of Azaoxyallyl Cations and Sulfur Ylides. <i>Organic Letters</i> , 2016 , 18, 2738-41	8.4	84
170	Switchable regioselectivity in amine-catalysed asymmetric cycloadditions. <i>Nature Chemistry</i> , 2017 , 9, 590-594	17.6	82
169	Asymmetric Barton-Zard Reaction To Access 3-Pyrrole-Containing Axially Chiral Skeletons. <i>ACS Catalysis</i> , 2019 , 9, 4374-4381	13.1	79
168	Asymmetric assembly of 2-oxindole and Angelica lactone units to construct vicinal quaternary chiral centers. <i>Chemical Communications</i> , 2012 , 48, 2439-41	5.8	78
167	Asymmetric [5+3] formal cycloadditions with cyclic enones through cascade dienamine-dienamine catalysis. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 6245-8	16.4	75
166	Enantioselective 1,3-Dipolar Cycloaddition of Cyclic Enones Catalyzed by Multifunctional Primary Amines: Beneficial Effects of Hydrogen Bonding. <i>Angewandte Chemie</i> , 2007 , 119, 7811-7814	3.6	74
165	Chemoselective Asymmetric N-Allylic Alkylation of Indoles with Morita-Baylis-Hillman Carbonates. <i>Angewandte Chemie</i> , 2009 , 121, 5847-5850	3.6	71
164	A concise assembly of electron-deficient 2,4-dienes and 2,4-dienals: regio- and stereoselective exo-Diels-Alder and redox reactions through sequential amine and carbene catalysis. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 948-51	16.4	68
163	Organocatalytic Asymmetric Inverse-Electron-Demand Aza-Diels-Alder Reaction of N-Sulfonyl-1-aza-1,3-butadienes and Aldehydes. <i>Angewandte Chemie</i> , 2008 , 120, 10119-10122	3.6	68
162	Asymmetric dearomatic Diels-Alder reactions of diverse heteroarenes via π -system activation. <i>Organic Letters</i> , 2014 , 16, 3208-11	6.2	67
161	Regioselective inverse-electron-demand aza-Diels-Alder reactions with π -unsaturated aldehydes via dienamine catalysis. <i>Organic Letters</i> , 2014 , 16, 3986-9	6.2	66
160	Asymmetric Diels-Alder reaction of 2-methyl-3-indolylmethanols via in situ generation of o-quinodimethanes. <i>Organic Letters</i> , 2012 , 14, 5940-3	6.2	66
159	Regioselective Asymmetric [3 + 2] Annulations of Morita-Baylis-Hillman Carbonates with Cyclic 1-Azadienes and Mechanism Elucidation. <i>Organic Letters</i> , 2016 , 18, 872-5	6.2	65
158	Enantioselective aza-Morita-Baylis-Hillman reaction with ketimines and acrolein catalyzed by organic assemblies. <i>Chemistry - A European Journal</i> , 2013 , 19, 9447-51	4.8	62
157	Enantioselective [4 + 1] Annulation Reactions of π -Substituted Ammonium Ylides To Construct Spirocyclic Oxindoles. <i>Journal of the American Chemical Society</i> , 2015 , 137, 9390-9	16.4	60
156	Plasma Asprosin Concentrations Are Increased in Individuals with Glucose Dysregulation and Correlated with Insulin Resistance and First-Phase Insulin Secretion. <i>Mediators of Inflammation</i> , 2018 , 2018, 9471583	4.3	58
155	Chiral Aldehyde Catalysis for the Catalytic Asymmetric Activation of Glycine Esters. <i>Journal of the American Chemical Society</i> , 2018 , 140, 9774-9780	16.4	55

154	Asymmetric direct vinylogous Michael additions of allyl alkyl ketones to maleimides through dienamine catalysis. <i>Organic Letters</i> , 2014 , 16, 6000-3	6.2	55
153	The Design and Synthesis of Bis(thiourea) Ligands and Their Application in Pd-Catalyzed Heck and Suzuki Reactions Under Aerobic Conditions. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 1177-1184	6.2	55
152	Remote enantioselective Friedel-Crafts alkylations of furans through HOMO activation. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 5449-52	16.4	53
151	Direct remote asymmetric bisvinylogous 1,4-additions of cyclic 2,5-dienones to nitroalkenes. <i>Organic Letters</i> , 2014 , 16, 2370-3	6.2	53
150	1-Azadienes as regio- and chemoselective dienophiles in aminocatalytic asymmetric Diels-Alder reaction. <i>Organic Letters</i> , 2013 , 15, 6206-9	6.2	51
149	Spirocyclic Sultam and Heterobiaryl Synthesis through Rh-Catalyzed Cross-Dehydrogenative Coupling of N-Sulfonyl Ketimines and Thiophenes or Furans. <i>Organic Letters</i> , 2016 , 18, 1088-91	6.2	50
148	Asymmetric tandem Michael addition-Wittig reaction to cyclohexenone annulation. <i>Organic Letters</i> , 2009 , 11, 2848-51	6.2	49
147	Asymmetric Organocatalytic Intramolecular Aza-Michael Addition of Enone Carbamates: Catalytic Enantioselective Access to Functionalized 2-Substituted Piperidines. <i>Advanced Synthesis and Catalysis</i> , 2011 , 353, 2721-2730	5.6	48
146	An asymmetric normal-electron-demand aza-Diels-Alder reaction via trienamine catalysis. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 8175-8	3.9	47
145	Enantioselective Allylic Amination of Morita-Baylis-Hillman Carbonates Catalysed by Modified Cinchona Alkaloids. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 5804-5809	3.2	47
144	Characterizing the Binding Sites for GK Domain of DLG1 and DLG4 via Molecular Dynamics Simulation. <i>Frontiers in Molecular Biosciences</i> , 2020 , 7, 1	5.6	47
143	Cooperative Tertiary Amine/Chiral Iridium Complex Catalyzed Asymmetric [4+3] and [3+3] Annulation Reactions. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 15021-15025	16.4	46
142	Organocatalytic sequential hetero-Diels-Alder and Friedel-Crafts reaction: constructions of fused heterocycles with scaffold diversity. <i>Organic Letters</i> , 2011 , 13, 5874-7	6.2	46
141	Organocatalytic Asymmetric Inverse-Electron-Demand Diels-Alder Reaction of Electron-Deficient Dienes and Crotonaldehyde. <i>Angewandte Chemie</i> , 2010 , 122, 6562-6564	3.6	45
140	Redox-neutral palladium-catalyzed C-H functionalization to form isoindolinones with carboxylic acids or anhydrides as readily available starting materials. <i>Organic Letters</i> , 2015 , 17, 2764-7	6.2	44
139	Auto-Tandem Cooperative Catalysis Using Phosphine/Palladium: Reaction of Morita-Baylis-Hillman Carbonates and Allylic Alcohols. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 4036-4040	16.4	43
138	exo-Selective Asymmetric Diels-Alder Reaction of 2,4-Dienals and Nitroalkenes by Trienamine Catalysis. <i>Angewandte Chemie</i> , 2011 , 123, 8797-8800	3.6	43
137	Trienamine Catalysis with 2,4-Dienones: Development and Application in Asymmetric Diels-Alder Reactions. <i>Angewandte Chemie</i> , 2012 , 124, 4477-4480	3.6	41

136	B(CF) ₃ -Catalyzed redox-neutral Alkylation of tertiary amines using p-quinone methides via borrowing hydrogen. <i>Chemical Communications</i> , 2019 , 55, 1217-1220	5.8	39
135	Substrate-controlled switchable asymmetric annulations to access polyheterocyclic skeletons. <i>Chemical Communications</i> , 2016 , 52, 11104-7	5.8	38
134	Asymmetric [3+2] Annulations to Construct 1,2-Bispirooxindoles Incorporating a Dihydropyrrolidine Motif. <i>Advanced Synthesis and Catalysis</i> , 2017 , 359, 3782-3791	5.6	38
133	Asymmetric Dearomatizative Diels-Alder Reaction for the Construction of Hydrodibenzo[b,d]furan Frameworks with Tetrasubstituted Stereogenic Centers. <i>Advanced Synthesis and Catalysis</i> , 2017 , 359, 1018-1027	5.6	37
132	Stereoselective desymmetrisation of prochiral alpha,alpha-dicyanoalkenes via domino Michael-Michael addition reactions. <i>Organic and Biomolecular Chemistry</i> , 2008 , 6, 2673-5	3.9	37
131	Asymmetric Regioselective [3 + 3] Formal Cycloadditions of Unsaturated Aldehydes via Cascade Dienamine-Dienamine Catalysis. <i>Organic Letters</i> , 2016 , 18, 116-9	6.2	36
130	Enantioselective formal [3+3] cycloadditions of ketones and cyclic 1-azadienes by cascade enamine-enamine catalysis. <i>Chemistry - A European Journal</i> , 2015 , 21, 3443-8	4.8	35
129	Organocatalytic reactions involving nitrogen-ylides. <i>Tetrahedron Letters</i> , 2014 , 55, 2049-2055	2	33
128	Trienamine catalysis with linear deconjugated 3,5-dienones. <i>Organic Chemistry Frontiers</i> , 2014 , 1, 490-493	3.2	32
127	Asymmetric Inverse-Electron-Demand Oxa-Diels-Alder Reaction of Allylic Ketones through Dienamine Catalysis. <i>Organic Letters</i> , 2016 , 18, 6480-6483	6.2	32
126	Catalyst-Controlled Switch in Chemo- and Diastereoselectivities: Annulations of Morita-Baylis-Hillman Carbonates from Isatins. <i>Angewandte Chemie</i> , 2016 , 128, 2187-2191	3.6	31
125	Merging chiral organocatalysts: enantio- and diastereoselective direct vinylogous Mannich reaction of alkylimines. <i>Chemical Communications</i> , 2009 , 6994-6	5.8	31
124	Transformations of Modified Morita-Baylis-Hillman Adducts from Isatins Catalyzed by Lewis Bases. <i>Chemical Record</i> , 2020 , 20, 541-555	6.6	30
123	Regioselective [3 + 2] annulations with Morita-Baylis-Hillman carbonates of isatins and 2-nitro-1,3-enynes. <i>Organic Chemistry Frontiers</i> , 2016 , 3, 861-864	5.2	30
122	Regio- and Diastereodivergent [4 + 2] Cycloadditions with Cyclic 2,4-Dienones. <i>Organic Letters</i> , 2018 , 20, 236-239	6.2	30
121	Construction of polycyclic spirooxindoles through [3+2] annulations of Morita-Baylis-Hillman carbonates and 3-nitro-7-azaindoles. <i>Chinese Chemical Letters</i> , 2017 , 28, 512-516	8.1	29
120	Trienamines Derived from Interrupted Cyclic 2,5-Dienones: Remote C-C Bond Activation for Asymmetric Inverse-Electron-Demand Aza-Diels-Alder Reaction. <i>Angewandte Chemie</i> , 2013 , 125, 14423-14426	3.6	29
119	Asymmetric Formal [5 + 3] Cycloadditions with Unmodified Morita-Baylis-Hillman Alcohols via Double Activation Catalysis. <i>ACS Catalysis</i> , 2019 , 9, 1258-1263	13.1	29

118	Amine-N-heterocyclic carbene cascade catalysis for the asymmetric synthesis of fused indane derivatives with multiple chiral centres. <i>Chemical Communications</i> , 2013 , 49, 5892-4	5.8	28
117	Rauhut-Currier-type reaction with Morita-Baylis-Hillman carbonates of 2-cyclohexenone and alkylidenemalononitriles to access chromene derivatives. <i>Organic Letters</i> , 2013 , 15, 5534-7	6.2	28
116	Aminocatalytic asymmetric exo-Diels-Alder reaction with methiodide salts of Mannich bases and 2,4-dienals to construct chiral spirocycles. <i>Organic Letters</i> , 2013 , 15, 968-71	6.2	28
115	Asymmetric Cascade Assembly of 1,2-Diaza-1,3-dienes and β -Unsaturated Aldehydes via Dienamine Activation. <i>Organic Letters</i> , 2017 , 19, 1874-1877	6.2	27
114	Tertiary-Amine-Catalyzed Asymmetric [3+2] Annulations of Morita-Baylis-Hillman Carbonates of Isatins with Nitroolefins to Construct Spirooxindoles. <i>Synthesis</i> , 2015 , 47, 2538-2544	2.9	26
113	Asymmetric (4 + 3) and (4 + 1) Annulations of Isatin-derived Morita-Baylis-Hillman Carbonates to Construct Diverse Chiral Heterocyclic Frameworks. <i>Organic Letters</i> , 2020 , 22, 4240-4244	6.2	26
112	Remote Asymmetric Oxa-Diels-Alder Reaction of 5-Allylic Furfurals via Dearomatizative Tetraenamine Catalysis. <i>Organic Letters</i> , 2018 , 20, 804-807	6.2	26
111	A Concise Assembly of Electron-Deficient 2,4-Dienes and 2,4-Dienals: Regio- and Stereoselective exo-Diels-Alder and Redox Reactions through Sequential Amine and Carbene Catalysis. <i>Angewandte Chemie</i> , 2013 , 125, 982-985	3.6	26
110	Asymmetric Allylic Alkylation with Deconjugated Carbonyl Compounds: Direct Vinylogous Umpolung Strategy. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 9210-9214	16.4	24
109	[3 + 3] Formal Cycloadditions of Nitrones from Isatins and Azaoxyallyl Cations for Construction of Spirooxindoles. <i>Chinese Journal of Chemistry</i> , 2017 , 35, 857-860	4.9	23
108	Cross-conjugated Trienamine Catalysis with β -Alkylidene 2-Cyclohexenones: Application in β -Regioselective Aza-Diels-Alder Reaction. <i>Chemistry - A European Journal</i> , 2017 , 23, 2945-2949	4.8	23
107	Sequential Assembly of Morita-Baylis-Hillman Carbonates and Activated ortho-Vinylbenzaldehydes To Construct Chiral Methanobenzo[7]annulenone Frameworks. <i>Organic Letters</i> , 2019 , 21, 3310-3313	6.2	23
106	Divergent Cyclization Reactions of Morita-Baylis-Hillman Carbonates of 2-Cyclohexenone and Isatylidene Malononitriles. <i>Organic Letters</i> , 2015 , 17, 4490-3	6.2	23
105	Drug Discovery against Psoriasis: Identification of a New Potent FMS-like Tyrosine Kinase 3 (FLT3) Inhibitor, 1-(4-((1H-Pyrazolo[3,4-d]pyrimidin-4-yl)oxy)-3-fluorophenyl)-3-(5-(tert-butyl)isoxazol-3-yl)urea, That Showed Potent Activity in a Psoriatic Animal Model. <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 8293-305	8.3	23
104	Aminocatalytic asymmetric Diels-Alder reaction of phosphorus dienophiles and 2,4-dienals. <i>Tetrahedron</i> , 2013 , 69, 10369-10374	2.4	23
103	Asymmetric Organocatalytic Tandem Reaction to Chiral Pyrimidinone Derivatives using Urea as Dinitrogen Source. <i>Advanced Synthesis and Catalysis</i> , 2010 , 352, 1904-1908	5.6	23
102	Construction of Furan Derivatives with a Trifluoromethyl Stereogenic Center: Enantioselective Friedel-Crafts Alkylations via Formal Trienamine Catalysis. <i>Journal of Organic Chemistry</i> , 2016 , 81, 10056-10061 ²³	4.2	23
101	Asymmetric Diels-Alder Reactions of 2,4,6-Trienals via Tetraenamine Catalysis. <i>Asian Journal of Organic Chemistry</i> , 2014 , 3, 545-549	3	22

100	Iron-Catalyzed Radical Relay Enabling the Modular Synthesis of Fused Pyridines from Alkyne-Tethered Oximes and Alkenes. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 23755-23762 ^{16.4}	22
99	Asymmetric Reactions Involving Lewis Base Catalyst Tethered Dearomatized Intermediates. <i>Chemistry - A European Journal</i> , 2019 , 25, 1607-1613	4.8 21
98	Organocatalytic asymmetric allylic amination of Morita-Baylis-Hillman carbonates of isatins. <i>Beilstein Journal of Organic Chemistry</i> , 2012 , 8, 1241-5	2.5 21
97	Iron-Catalyzed, Iminyl Radical-Triggered Cascade 1,5-Hydrogen Atom Transfer/(5+2) or (5+1) Annulation: Oxime as a Five-Atom Assembling Unit. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 19222-19228	16.4 21
96	Asymmetric Diels-Alder Cycloadditions of Trifluoromethylated Dienophiles Under Trienamine Catalysis. <i>Chemistry - A European Journal</i> , 2016 , 22, 11048-52	4.8 21
95	Asymmetric Diels-Alder and Cascade Reaction of Quinone Imine Ketals and 2,4-Dienals: Construction of Chiral Benzo[de]quinolone Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2016 , 358, 296-302 ^{5.6}	21
94	Organocatalytic Asymmetric Four-Component [5+1+1+1] Cycloadditions via a Quintuple Cascade Process. <i>Advanced Synthesis and Catalysis</i> , 2018 , 360, 3526-3533	5.6 21
93	Diastereodivergent and Enantioselective [4+2] Annulations of β -Butenolides with Cyclic 1-Azadienes. <i>Molecules</i> , 2015 , 20, 13642-58	4.8 19
92	Enantioselective O-allylic alkylation of Morita-Baylis-Hillman carbonates with oxime. <i>Science in China Series B: Chemistry</i> , 2009 , 52, 1309-1313	19
91	Asymmetric Formal Vinylogous Iminium Ion Activation for Vinyl-Substituted Heteroaryl and Aryl Aldehydes. <i>Organic Letters</i> , 2019 , 21, 9628-9632	6.2 19
90	Organocatalytic Enantioselective 1,3-Difunctionalizations of Morita-Baylis-Hillman Carbonates. <i>Organic Letters</i> , 2018 , 20, 6279-6283	6.2 18
89	Metal-Free Aerobic Oxidative Selective C-C Bond Cleavage in Heteroaryl-Containing Primary and Secondary Alcohols. <i>Organic Letters</i> , 2019 , 21, 3028-3033	6.2 17
88	[4 + 1 + 1] Annulations of β -Bromo Carbonyls and 1-Azadienes toward Fused Benzoazaheterocycles. <i>Organic Letters</i> , 2019 , 21, 2312-2316	6.2 17
87	Asymmetric Benzylic Allylic Alkylation Reaction of 3-Furfural Derivatives by Dearomatizative Dienamine Activation. <i>Chemistry - A European Journal</i> , 2018 , 24, 6277-6281	4.8 17
86	Asymmetric Benzylic Functionalizations of 3-Vinyl Benzofurans via Cascade Formal Trienamine-Vinylogous Iminium Ion Activation. <i>Organic Letters</i> , 2017 , 19, 4652-4655	6.2 17
85	Double Thiol-Chiral Brønsted Base Catalysis: Asymmetric Cross Rauhut-Currier Reaction and Sequential [4 + 2] Annulation for Assembly of Different Activated Olefins. <i>Organic Letters</i> , 2019 , 21, 7184-7188 ^{6.2}	16
84	Asymmetric [4+2] annulations to construct norcamphor scaffolds with 2-cyclopentenone via double amine-thiol catalysis. <i>Chemical Communications</i> , 2018 , 54, 1129-1132	5.8 16
83	Quaternary Phosphonium Salts as Active Brønsted Acid Catalysts for Friedel-Crafts Reactions. <i>Organic Letters</i> , 2019 , 21, 5733-5736	6.2 16

82	Enantioselective Direct Bisvinylogous 1,6-Additions of β -Allyl-2-cyclohexenone to β -Dicyanodienes through Trienamine Catalysis. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 5906-5909	3.2	16
81	Asymmetric [5+3] Formal Cycloadditions with Cyclic Enones through Cascade Dienamine-Dienamine Catalysis. <i>Angewandte Chemie</i> , 2014 , 126, 6359-6362	3.6	16
80	Asymmetric [4 + 2] cycloadditions with 3-furfural derivatives and β -cyano- β -unsaturated ketones. <i>Organic Chemistry Frontiers</i> , 2018 , 5, 2057-2060	5.2	16
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78	Interrupted Morita-Baylis-Hillman-Type Reaction of β -Substituted Activated Olefins. <i>Organic Letters</i> , 2018 , 20, 2088-2091	6.2	15
77	Organocatalytic asymmetric [4 + 2] formal cycloadditions of cyclohexenylidenemalononitriles and enals to construct chiral bicyclo[2.2.2]octanes. <i>RSC Advances</i> , 2014 , 4, 37522-37525	3.7	15
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75	Double Activation Catalysis for β -Alkylidene Cyclic Enones with Chiral Amines and Thiols. <i>Chemistry - A European Journal</i> , 2017 , 23, 10678-10682	4.8	14
74	Direct Asymmetric Aza-Vinylogous-Type Michael Additions of Nitronyls from Isatins to Nitroalkenes. <i>Chemistry - A European Journal</i> , 2017 , 23, 6286-6289	4.8	14
73	Pseudo-Stereodivergent Synthesis of Enantioenriched Tetrasubstituted Alkenes by Cascade 1,3-Oxo-Allylation/Cope Rearrangement. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 7083-7088	16.4	14
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71	Phosphine-catalysed asymmetric dearomative formal [4+2] cycloadditions of 3-benzofuranyl vinyl ketones. <i>Chemical Communications</i> , 2019 , 55, 3097-3100	5.8	14
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66	Asymmetric Dearomative Formal [4 + 2] Cycloadditions of N,4-Dialkylpyridinium Salts and Enones To Construct Azaspiro[5.5]undecane Frameworks. <i>Organic Letters</i> , 2018 , 20, 8000-8003	6.2	13
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56	A Palladium Complex as an Asymmetric β -Lewis Base Catalyst for Activating 1,3-Dienes. <i>Journal of the American Chemical Society</i> , 2021 , 143, 4809-4816	16.4	11
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53	Application of 7-azaisatins in enantioselective Morita-Baylis-Hillman reaction. <i>Beilstein Journal of Organic Chemistry</i> , 2016 , 12, 309-13	2.5	9
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45	Copper-Catalyzed Dihydroquinolinone Synthesis from Isocyanides and O-Benzoyl Hydroxylamines. <i>Journal of Organic Chemistry</i> , 2019 , 84, 3725-3734	4.2	7
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