

# Song Ye

## List of Publications by Year in descending order

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88  
papers

5,834  
citations

53794

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74163

75  
g-index

90  
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90  
docs citations

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times ranked

2374  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cooperative N-Heterocyclic Carbene/Nickel-Catalyzed Hydroacylation of 1,3-Dienes with Aldehydes in Water. <i>ACS Catalysis</i> , 2022, 12, 1657-1663.	11.2	17
2	Recent advances in N-heterocyclic carbene-catalyzed radical reactions. <i>Chinese Chemical Letters</i> , 2021, 32, 660-667.	9.0	108
3	Umpolung coupling of pyridine-2-carboxaldehydes and propargylic carbonates via N-heterocyclic carbene/palladium synergetic catalysis. <i>Chemical Communications</i> , 2021, 57, 4452-4455.	4.1	12
4	Dynamic Kinetic Resolution of $\alpha$ -Trifluoromethyl Hemiaminals without $\alpha$ -Hydrogen via NHC-Catalyzed $\alpha$ -Acylation. <i>Organic Letters</i> , 2021, 23, 1361-1366.	4.6	17
5	Enantioselective Synthesis of Axially Chiral Benzothiophene/Benzofuran-Fused Biaryls by N-Heterocyclic Carbene Catalyzed Arene Formation. <i>Angewandte Chemie</i> , 2021, 133, 14037-14041.	2.0	13
6	Enantioselective Synthesis of Axially Chiral Benzothiophene/Benzofuran-Fused Biaryls by N-Heterocyclic Carbene Catalyzed Arene Formation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 13918-13922.	13.8	60
7	N-heterocyclic carbene-catalyzed intramolecular aza-Michael addition of alkyl amines to $\alpha,\beta$ -unsaturated carboxylic acid: Synthesis of pyrrolidines and piperidines. <i>Tetrahedron</i> , 2021, 94, 132337.	1.9	3
8	N-Heterocyclic carbene/photo-cocatalyzed oxidative Smiles rearrangement: synthesis of aryl salicylates from $\alpha$ -aryl salicylaldehydes. <i>Chemical Communications</i> , 2020, 56, 1525-1528.	4.1	61
9	NHC-Catalyzed $\alpha$ -Umpolung via $\alpha$ -Quinodimethanes and Its Nucleophilic Addition to Ketones. <i>ACS Catalysis</i> , 2020, 10, 994-998.	11.2	37
10	NHC/Copper-Cocatalyzed [4 + 3] Annulations of Salicylaldehydes with Aziridines for the Synthesis of 1,4-Benzoxazepinones. <i>Organic Letters</i> , 2020, 22, 8396-8400.	4.6	25
11	$\alpha$ -Difluoroalkylation: Synthesis of $\alpha$ -Difluoroalkyl- $\alpha,\beta$ -Unsaturated Esters via Photoredox NHC-Catalyzed Radical Reaction. <i>Organic Letters</i> , 2020, 22, 8173-8177.	4.6	20
12	Biomass Transformation of Cellulose via N-Heterocyclic Carbene-Catalyzed Umpolung of 5-(Chloromethyl)furfural. <i>Cell Reports Physical Science</i> , 2020, 1, 100071.	5.6	12
13	Bifunctional N-Heterocyclic Carbenes Derived from $\gamma$ -Pyroglutamic Acid and Their Applications in Enantioselective Organocatalysis. <i>Accounts of Chemical Research</i> , 2020, 53, 690-702.	15.6	253
14	N-Heterocyclic Carbene Catalyzed Photooxidation: Intramolecular Cross Dehydrogenative Coupling of Tetrahydroisoquinoline-Tethered Aldehydes. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 1819-1824.	4.3	27
15	Photo/N-Heterocyclic Carbene Co-catalyzed Ring Opening and $\alpha$ -Alkylation of Cyclopropane Enal. <i>Organic Letters</i> , 2020, 22, 986-990.	4.6	53
16	Palladium-Catalyzed [4+2] and [5+2] Annulation for the Synthesis of Tetrahydroquinolines and 1,4-Benzoxazepines. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 3059-3062.	2.4	5
17	Visible-Light-Driven N-Heterocyclic Carbene Catalyzed $\alpha$ - and $\beta$ -Alkylation with Alkyl Radicals. <i>Angewandte Chemie</i> , 2019, 131, 18292-18298.	2.0	15
18	Visible-Light-Driven N-Heterocyclic Carbene Catalyzed $\alpha$ - and $\beta$ -Alkylation with Alkyl Radicals. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18124-18130.	13.8	122

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19	Visible light promoted coupling of alkynyl bromides and Hantzsch esters for the synthesis of internal alkynes. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 181-185.	2.8	39
20	Bifunctional N-heterocyclic carbene catalyzed [3 + 4] annulation of enals with azadienes: enantioselective synthesis of benzofuroazepinones. <i>Organic Chemistry Frontiers</i> , 2019, 6, 405-409.	4.5	48
21	N-Heterocyclic carbene-catalyzed $\hat{1}^2$ -addition of enals to 3-alkylenyloxindoles: synthesis of oxindoles with all-carbon quaternary stereocenters. <i>Chemical Communications</i> , 2019, 55, 7966-7969.	4.1	13
22	Visible-Light-Promoted Oxo-difluoroalkylation of Alkenes with DMSO as the Oxidant. <i>Journal of Organic Chemistry</i> , 2019, 84, 7388-7394.	3.2	34
23	Oxidative N-Heterocyclic Carbene-Catalyzed [8+2] Annulation of Tropone and Aldehydes: Synthesis of Cycloheptatriene-Fused Furanones. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 2291-2294.	4.3	17
24	Visible light mediated oxidative lactonization of 2-methyl-1,1-biaryl for the synthesis of benzocoumarins. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 4212-4215.	2.8	23
25	N-Heterocyclic Carbene Catalyzed Synthesis of Dihydroxybenzophenones from $\hat{1}^2$ -Methylenals and Aurones. <i>Chemistry - A European Journal</i> , 2019, 25, 3253-3256.	3.3	20
26	(Dynamic) Kinetic Resolution of Enamines/Imines: Enantioselective N-Heterocyclic Carbene Catalyzed [3+3] Annulation of Bromoenals and Enamines/Imines. <i>Angewandte Chemie</i> , 2019, 131, 1195-1199.	2.0	11
27	(Dynamic) Kinetic Resolution of Enamines/Imines: Enantioselective N-Heterocyclic Carbene Catalyzed [3+3] Annulation of Bromoenals and Enamines/Imines. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1183-1187.	13.8	46
28	Intramolecular $\hat{1}^2$ -Oxygenation of Amines via $\langle i \rangle N \langle /i \rangle$ -Heterocyclic Carbene-Catalyzed Domino Reaction of Aryl Aldehyde: Experiment and DFT Calculation. <i>CCS Chemistry</i> , 2019, 1, 343-351.	7.8	10
29	N-Heterocyclic Carbene-Catalyzed Annulation of $\hat{1}^2$ -Chloroaldehydes with $\hat{1}^3$ -Amino- $\hat{1}^2$ -Unsaturated Ketones: Enantioselective Synthesis of Pyrrolidones and Piperidones. <i>Chemistry - A European Journal</i> , 2018, 24, 8302-8305.	3.3	18
30	Diastereo- and Enantioselective Synthesis of Spirooxindoles with Contiguous Tetrasubstituted Stereocenters via Catalytic Coupling of Two Tertiary Radicals. <i>Journal of Organic Chemistry</i> , 2018, 83, 2966-2970.	3.2	48
31	N-Heterocyclic carbene-catalyzed [4 + 2] cyclization of $\hat{1}^2$ -chloroaldehydes and aurones: Highly enantioselective synthesis of benzofuran-fused dihydropyran-2-ones. <i>Chinese Chemical Letters</i> , 2018, 29, 1209-1211.	9.0	11
32	[3 + 4] Annulation of Bromoenals and 1,2-Benzenedithiol: Base-Promoted [2 + 4] Reaction and N-Heterocyclic Carbene-Catalyzed Ring-Expansion. <i>Journal of Organic Chemistry</i> , 2018, 83, 15178-15185.	3.2	18
33	Enantioselective N-Heterocyclic Carbene-Catalyzed Synthesis of Spirocyclic Oxindole-benzofuroazepinones. <i>Journal of Organic Chemistry</i> , 2018, 83, 15225-15235.	3.2	67
34	DBU-Mediated Construction of 1,3,5-Trisubstituted Benzenes via Annulation of $\hat{1}^2$ -Unsaturated Carboxylic Acids and $\hat{1}^2$ -Cyano- $\hat{1}^2$ -methyleneones. <i>Journal of Organic Chemistry</i> , 2018, 83, 12507-12513.	3.2	19
35	Enantioselective Synthesis of Cyclic $\hat{1}^2$ -Aminophosphonates through N-Heterocyclic Carbene-Catalyzed [4+2] Annulation of Enals with $\hat{1}^2$ -Aminophosphonates. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 2452-2455.	2.7	9
36	Switchable Decarboxylative Heck-Type Reaction and Oxo-alkylation of Styrenes with $\langle i \rangle N \langle /i \rangle$ -Hydroxyphthalimide Esters under Photocatalysis. <i>Organic Letters</i> , 2018, 20, 3496-3499.	4.6	55

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37	Synthesis of Dihydropyridinone-Fused Indoles and $\hat{I}$ -Carbolines via N-Heterocyclic Carbene-Catalyzed [3 + 3] Annulation of Indolin-2-imines and Bromoenals. <i>Organic Letters</i> , 2017, 19, 2286-2289.	4.6	61
38	N-heterocyclic carbene-catalyzed synthesis of spirocyclopentene-oxindoles from bromoenals. <i>Chemical Communications</i> , 2017, 53, 4327-4330.	4.1	27
39	N-Heterocyclic Carbene-Catalyzed [3+3] Annulation of Indoline-2-thiones with Bromoenals: Synthesis of Indolo[2,3-b]dihydrothiopyranones. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 44-48.	4.3	31
40	Formylation or methylation: what determines the chemoselectivity of the reaction of amine, CO <sub>2</sub> , and hydrosilane catalyzed by 1,3,2-diazaphospholene?. <i>Chemical Science</i> , 2017, 8, 7637-7650.	7.4	28
41	[4+2] and [3+2] Annulations of $\hat{I}$ -Chloroaldehydes and Dithioesters: Synthesis of 1,4-oxathioinones and 1,3-oxathioles. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3479-3483.	4.3	15
42	N-Heterocyclic carbene-catalyzed oxidative [3 + 2] annulation of dioxindoles and enals: cross coupling of homoenolate and enolate. <i>Chemical Science</i> , 2017, 8, 1936-1941.	7.4	124
43	N-Heterocyclic Carbene-Catalyzed Synthesis of Multi-Substituted Benzenes from Enals and $\hat{I}$ -Cyano- $\hat{I}$ -methyleneones. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 2862-2866.	4.3	53
44	N-Heterocyclic Carbene-Catalyzed Construction of 1,3,5-Trisubstituted Benzenes from Bromoenals and $\hat{I}$ -Cyano- $\hat{I}$ -methyleneones. <i>Organic Letters</i> , 2016, 18, 6408-6411.	4.6	48
45	N-Heterocyclic Carbene-Catalyzed [3 + 4] Annulation of Enals and Alkenyl Thiazolones: Enantioselective Synthesis of Thiazole-Fused $\hat{\mu}$ -Lactones. <i>Journal of Organic Chemistry</i> , 2016, 81, 4841-4846.	3.2	53
46	Brønsted Acid-Catalyzed Synthesis of <i>N</i> -Arylindoles from $\hat{I}$ -Vinylanilines and Quinones. <i>Chemistry - an Asian Journal</i> , 2016, 11, 2671-2674.	3.3	3
47	Enantioselective N-heterocyclic carbene-catalyzed synthesis of saccharine-derived dihydropyridinones with cis-selectivity. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 6422-6425.	2.8	27
48	N-Heterocyclic carbene-catalyzed [3 + 2] annulation of bromoenals with 3-aminooxindoles: highly enantioselective synthesis of spirocyclic oxindolo- $\hat{I}$ -lactams. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 2007-2014.	2.8	43
49	N-Heterocyclic carbene-catalyzed [4 + 2] annulation of $\hat{I}$ , $\hat{I}$ -unsaturated carboxylic acids: enantioselective synthesis of dihydropyridinones and spirocyclic oxindolodihydropyridinones. <i>Organic Chemistry Frontiers</i> , 2016, 3, 77-81.	4.5	64
50	N-Heterocyclic Carbene Catalyzed Generation and [4+2] Annulation of Unsubstituted Dienolate $\hat{\mu}$ -Enantioselective Synthesis of Spirocyclic Oxindolodihydropyranones. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 1047-1053.	2.4	28
51	N-Heterocyclic carbene-catalyzed [3+3] cyclocondensation of bromoenals with aldimines: highly enantioselective synthesis of dihydropyridinones. <i>Chemical Communications</i> , 2015, 51, 12040-12043.	4.1	50
52	Enantioselective N-Heterocyclic Carbene-Catalyzed Synthesis of Trifluoromethyl dihydropyridinones. <i>Journal of Organic Chemistry</i> , 2015, 80, 5900-5905.	3.2	28
53	Enantioselective Synthesis of Bicyclic $\hat{I}$ -Lactones via N-Heterocyclic Carbene-Catalyzed Cascade Reaction. <i>Organic Letters</i> , 2015, 17, 5140-5143.	4.6	66
54	N-Heterocyclic carbene-catalyzed [3 + 3] cyclocondensation of bromoenals with hydrazones: highly enantioselective synthesis of dihydropyridazones. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 11255-11262.	2.8	32

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55	Bifunctional N-Heterocyclic Carbene Catalyzed [3+4] Annulation of Enals and Aurones. Chemistry - A European Journal, 2015, 21, 1868-1872.	3.3	54
56	N-heterocyclic carbene-catalyzed cyclocondensation of 2-aryl carboxylic acids and enones: highly enantioselective synthesis of $\beta$ -lactones. Organic and Biomolecular Chemistry, 2015, 13, 1313-1316.	2.8	29
57	N-Heterocyclic Carbene-Catalyzed [3+3] Cyclocondensation of Bromoenals and Ketimines: Highly Enantioselective Synthesis of Dihydropyridinones. Asian Journal of Organic Chemistry, 2014, 3, 462-465.	2.7	38
58	Bifunctional N-Heterocyclic Carbene-Catalyzed Highly Enantioselective Synthesis of Spirocyclic Oxindolo- $\beta$ -lactams. Organic Letters, 2014, 16, 3079-3081.	4.6	143
59	N-Heterocyclic Carbene Catalyzed Cyclocondensation of $\alpha,\beta$ -Unsaturated Carboxylic Acids: Enantioselective Synthesis of Pyrrolidinone and Dihydropyridinone Derivatives. Angewandte Chemie - International Edition, 2014, 53, 11611-11615.	13.8	154
60	N-Heterocyclic Carbene-Catalyzed All Carbon $\alpha,\beta$ -Cyclocondensation of $\alpha,\beta$ -Unsaturated Acyl Chlorides with $\alpha$ -Alkylenyloxindoles. Chinese Journal of Chemistry, 2014, 32, 814-818.	4.9	25
61	Highly Enantioselective $\beta$ -Amination by N-Heterocyclic Carbene Catalyzed [4+2] Annulation of Oxidized Enals and Azodicarboxylates. Angewandte Chemie - International Edition, 2013, 52, 10644-10647.	13.8	109
62	N-heterocyclic carbene-catalyzed reactions of C=C unsaturated bonds. Organic and Biomolecular Chemistry, 2013, 11, 7991.	2.8	86
63	N-Heterocyclic Carbene Catalyzed [4+3] Annulation of Enals and $\alpha,\beta$ -Quinone Methides: Highly Enantioselective Synthesis of Benzo- $\beta$ -lactones. Angewandte Chemie - International Edition, 2013, 52, 8607-8610.	13.8	277
64	N-heterocyclic carbene-catalyzed [4 + 2] cycloaddition of ketenes and 3-aryl coumarins: highly enantioselective synthesis of dihydrocoumarin-fused dihydropyranones. Organic and Biomolecular Chemistry, 2013, 11, 158-163.	2.8	61
65	N-Heterocyclic Carbene Catalyzed [4+2] Cycloaddition of Nitroalkenes with Oxodienes. Chemistry - A European Journal, 2013, 19, 4441-4445.	3.3	52
66	Enantioselective N-Heterocyclic Carbene Catalyzed Aza-Benzoin Reaction of Enals with Activated Ketimines. Angewandte Chemie - International Edition, 2013, 52, 5803-5806.	13.8	140
67	Enantioselective Cycloaddition Reactions of Ketenes Catalyzed by N-Heterocyclic Carbenes. Synlett, 2013, 24, 1614-1622.	1.8	76
68	Enantioselective Synthesis of Terminal 1,2-Diols from Acyl Chlorides. Chinese Journal of Chemistry, 2012, 30, 2688-2692.	4.9	11
69	Phosphane-Catalyzed [4+2] Annulation of Allenates with Ketimines: Synthesis of Sultam-Fused Tetrahydropyridines. European Journal of Organic Chemistry, 2012, 2012, 5723-5728.	2.4	50
70	N-Heterocyclic Carbene-Catalyzed [2+2+2] Annulation of Allenates with Trifluoromethylketones. Chinese Journal of Chemistry, 2012, 30, 190-194.	4.9	33
71	Enantioselective [2+2+2] cycloaddition of ketenes and carbon disulfide catalyzed by N-heterocyclic carbenes. Chemical Communications, 2011, 47, 8388.	4.1	57
72	NHC-Catalyzed Enantioselective [2 + 2] and [2 + 2 + 2] Cycloadditions of Ketenes with Isothiocyanates. Organic Letters, 2011, 13, 6382-6385.	4.6	59

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73	Highly diastereo- and enantioselective NHC-catalyzed [3+2] annulation of enals and isatins. <i>Chemical Communications</i> , 2011, 47, 10136.	4.1	159
74	N-Heterocyclic Carbene-Catalyzed Cyclization of Unsaturated Acyl Chlorides and Ketones. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 1943-1948.	4.3	176
75	N-Heterocyclic Carbene-Catalyzed Enantioselective Annulation of Bromoenal and 1,3-Dicarbonyl Compounds. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 3134-3138.	4.3	187
76	N-Heterocyclic Carbene Catalysis: Enantioselective Formal [2+2] Cycloaddition of Ketenes and <i>N</i> -Sulfinylanilines. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9104-9107.	13.8	111
77	Enantioselective benzoin condensation catalyzed by bifunctional N-heterocyclic carbenes. <i>Science Bulletin</i> , 2010, 55, 1753-1757.	1.7	30
78	Enantioselective Synthesis of Spirocyclic Oxindole- $\beta$ -lactones <i>via</i> N-Heterocyclic Carbene-Catalyzed Cycloaddition of Ketenes and Isatins. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 1892-1895.	4.3	129
79	Formal [3+2]...Cycloaddition of Ketenes and Oxaziridines Catalyzed by Chiral Lewis Bases: Enantioselective Synthesis of Oxazolinones. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 8412-8416.	13.8	148
80	Enantioselective [4+2] cycloaddition of ketenes and 9,10-phenanthrenequinone catalyzed by N-heterocyclic carbenes. <i>Tetrahedron Letters</i> , 2010, 51, 2316-2318.	1.4	38
81	Enantioselective Synthesis of Indole-Fused Dihydropyranones <i>via</i> Catalytic Cycloaddition of Ketenes and 3-Alkylenyloxindoles. <i>Journal of Organic Chemistry</i> , 2010, 75, 6973-6976.	3.2	109
82	Enantioselective Synthesis of Dihydrocoumarins <i>via</i> N-Heterocyclic Carbene-Catalyzed Cycloaddition of Ketenes and <i>o</i> -Quinone Methides. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 2822-2826.	4.3	151
83	[4+2] Cycloaddition of Ketenes with <i>N</i> -Benzoyldiazenes Catalyzed by N-Heterocyclic Carbenes. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 192-195.	13.8	225
84	Asymmetric Dimerization of Disubstituted Ketenes Catalyzed by N-Heterocyclic Carbenes. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 2715-2718.	4.3	82
85	Chiral N-Heterocyclic Carbene Catalyzed Staudinger Reaction of Ketenes with Imines: Highly Enantioselective Synthesis of <i>N</i> -Boc $\beta$ -Lactams. <i>Organic Letters</i> , 2008, 10, 277-280.	4.6	326
86	Formal Cycloaddition of Disubstituted Ketenes with 2-Oxoaldehydes Catalyzed by Chiral N-Heterocyclic Carbenes. <i>Journal of Organic Chemistry</i> , 2008, 73, 8101-8103.	3.2	141
87	Chiral Bifunctional N-Heterocyclic Carbenes: Synthesis and Application in the Aza-Morita-Baylis-Hillman Reaction. <i>Synthesis</i> , 2008, 2008, 2825-2829.	2.3	19
88	N-Heterocyclic Carbene Catalyzed Aza-Morita-Baylis-Hillman Reaction of Cyclic Enones with <i>N</i> -Tosylarylimines. <i>Journal of Organic Chemistry</i> , 2007, 72, 7466-7468.	3.2	129