

# Chun-Jiang Wang

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/8918603/chun-jiang-wang-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

112  
papers

4,708  
citations

42  
h-index

65  
g-index

120  
ext. papers

5,537  
ext. citations

7.1  
avg, IF

6.21  
L-index

#	Paper	IF	Citations
112	Recent advances in asymmetric organocatalysis mediated by bifunctional amine-thioureas bearing multiple hydrogen-bonding donors. <i>Chemical Communications</i> , <b>2015</b> , 51, 1185-97	5.8	256
111	Highly enantioselective 1,3-dipolar cycloaddition of azomethine ylides catalyzed by copper(I)/TF-BiphamPhos complexes. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 17250-1	16.4	170
110	Stereodivergent Synthesis of $\beta$ -Disubstituted $\alpha$ -Amino Acids via Synergistic Cu/Ir Catalysis. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 1508-1513	16.4	160
109	Chiral amine-thioureas bearing multiple hydrogen bonding donors: highly efficient organocatalysts for asymmetric Michael addition of acetylacetone to nitroolefins. <i>Chemical Communications</i> , <b>2008</b> , 1431-3	5.8	149
108	Catalytic asymmetric synthesis of [2,3]-fused indoline heterocycles through inverse-electron-demand aza-Diels-Alder reaction of indoles with azoalkenes. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 4680-4	16.4	146
107	Highly anti-selective asymmetric nitro-mannich reactions catalyzed by bifunctional amine-thiourea-bearing multiple hydrogen-bonding donors. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 8606-7	16.4	141
106	Catalytic asymmetric 1,3-dipolar cycloaddition of two different ylides: facile access to chiral 1,2,4-triazinane frameworks. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 12377-80	16.4	118
105	Catalytic asymmetric 1,3-dipolar cycloaddition of N-unprotected 2-oxoindolin-3-ylidene derivatives and azomethine ylides for the construction of spirooxindole-pyrrolidines. <i>Organic and Biomolecular Chemistry</i> , <b>2011</b> , 9, 1980-6	3.9	116
104	Catalytic asymmetric construction of spiropyrrolidines via 1,3-dipolar cycloaddition of azomethine ylides. <i>Organic and Biomolecular Chemistry</i> , <b>2018</b> , 16, 2591-2601	3.9	105
103	Fulvenes as effective dipolarophiles in copper(I)-catalyzed [6+3] cycloaddition of azomethine ylides: asymmetric construction of piperidine derivatives. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 2934-8	16.4	102
102	Cu(I)-catalyzed regio- and stereoselective [6 + 3] cycloaddition of azomethine ylides with tropone: an efficient asymmetric access to bridged azabicyclo[4.3.1]decadienes. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 4075-80	16.4	100
101	Synergistic Cu/Pd Catalysis for Enantioselective Allylic Alkylation of Aldimine Esters: Access to $\beta$ -Disubstituted $\alpha$ -Amino Acids. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 12312-12316	16.4	93
100	Catalytic asymmetric 1,3-dipolar [3 + 6] cycloaddition of azomethine ylides with 2-acyl cycloheptatrienes: efficient construction of bridged heterocycles bearing piperidine moiety. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 8685-92	16.4	90
99	Fine-tunable organocatalysts bearing multiple hydrogen-bonding donors for construction of adjacent quaternary and tertiary stereocenters via a Michael reaction. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 8780-3	4.8	81
98	A facile Cu(I)/TF-BiphamPhos-catalyzed asymmetric approach to unnatural $\alpha$ -amino acid derivatives containing gem-bisphosphonates. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 11757-65	16.4	80
97	Catalytic Asymmetric Cascade Vinylogous Mukaiyama 1,6-Michael/Michael Addition of 2-Silyloxyfurans with Azoalkenes: Direct Approach to Fused Butyrolactones. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 10124-7	16.4	76
96	Catalytic Asymmetric Construction of Spirocycles Containing Pyrrolidine Motifs and Spiro Quaternary Stereogenic Centers via 1,3-Dipolar Cycloaddition of Azomethine Ylides with 2-Alkylidene-Cycloketones. <i>Advanced Synthesis and Catalysis</i> , <b>2011</b> , 353, 1713-1719	5.6	71

95	Organocatalytic asymmetric desymmetrization: efficient construction of spirocyclic oxindoles bearing a unique all-carbon quaternary stereogenic center via sulfa-Michael addition. <i>Chemical Communications</i> , <b>2013</b> , 49, 6078-80	5.8	70
94	exo-Selective asymmetric 1,3-dipolar cycloaddition of azomethine ylides with alkyldiene malonates catalyzed by AgOAc/TF-BiphamPhos. <i>Chemical Communications</i> , <b>2010</b> , 46, 1727-9	5.8	70
93	Stereoselective construction of a 5-aza-spiro[2,4]heptane motif via catalytic asymmetric 1,3-dipolar cycloaddition of azomethine ylides and ethyl cyclopropylidene acetate. <i>Chemical Communications</i> , <b>2011</b> , 47, 2616-8	5.8	70
92	Highly efficient construction of spirocyclic chromanone-pyrrolidines via Cu(I)/TF-BiphamPhos-catalyzed asymmetric 1,3-dipolar cycloaddition. <i>Chemical Communications</i> , <b>2011</b> , 47, 9600-2	5.8	68
91	Catalytic Asymmetric Reactions with $\pi$ -Metallated Azomethine Ylides. <i>Accounts of Chemical Research</i> , <b>2020</b> , 53, 1084-1100	24.3	67
90	Organocatalytic asymmetric sulfa-Michael addition of thiols to 4,4,4-trifluorocrotonates. <i>Organic Letters</i> , <b>2011</b> , 13, 4426-9	6.2	66
89	Highly enantioselective 1,3-dipolar cycloaddition of azomethine ylides catalyzed by AgOAc/TF-BiphamPhos. <i>Chemical Communications</i> , <b>2009</b> , 2905-7	5.8	66
88	Silver Acetate/TF-BiphamPhos-Catalyzed endo-Selective Enantioselective 1,3-Dipolar Cycloaddition of Azomethine Ylides with Vinyl Phenyl Sulfone. <i>Advanced Synthesis and Catalysis</i> , <b>2009</b> , 351, 3101-3106	5.6	65
87	Asymmetric construction of fluorinated imidazolidines via Cu(I)-catalyzed exo-Selective 1,3-dipolar cycloaddition of azomethine ylides with fluorinated imines. <i>Chemical Communications</i> , <b>2013</b> , 49, 6277-9	5.8	64
86	Silver-catalyzed enantioselective desymmetrization: facile access to spiro lactone-pyrrolidines containing a spiro quaternary stereogenic center. <i>Organic Letters</i> , <b>2013</b> , 15, 2250-3	6.2	58
85	Chiral binaphthylthiophosphoramidate-cu(I)-catalyzed asymmetric addition of diethylzinc to N-sulfonylimines. <i>Journal of Organic Chemistry</i> , <b>2003</b> , 68, 6229-37	4.2	54
84	Cu(I)-Catalyzed Asymmetric Multicomponent Cascade Inverse Electron-Demand Aza-Diels-Alder/Nucleophilic Addition/Ring-Opening Reaction Involving 2-Methoxyfurans as Efficient Dienophiles. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 3998-4001	16.4	53
83	The catalytic asymmetric synthesis of tetrahydropyridazines via inverse electron-demand aza-Diels-Alder reaction of enol ethers with azoalkenes. <i>Chemical Communications</i> , <b>2015</b> , 51, 15374-7	5.8	51
82	exo-Selective construction of spiro-[butyrolactone-pyrrolidine] via 1,3-dipolar cycloaddition of azomethine ylides with $\beta$ -methylene- $\beta$ -butyrolactone catalyzed by Cu(I)/DTBM-BIPHEP. <i>Chemical Communications</i> , <b>2013</b> , 49, 9642-4	5.8	50
81	Morita-Baylis-Hillman adducts as effective dipolarophiles in copper(I)-catalyzed 1,3-dipolar cycloaddition with azomethine ylides: asymmetric construction of pyrrolidine derivatives containing quaternary stereogenic center. <i>Chemical Communications</i> , <b>2011</b> , 47, 5494-6	5.8	50
80	A facile access to enantioenriched isoindolines via one-pot sequential Cu(I)-catalyzed asymmetric 1,3-dipolar cycloaddition/oxidation [corrected]. <i>Organic Letters</i> , <b>2012</b> , 14, 6230-3	6.2	49
79	Asymmetric construction of trifluoromethylated pyrrolidines via Cu(I)-catalyzed 1,3-dipolar cycloaddition of azomethine ylides with 4,4,4-trifluorocrotonates. <i>Chemical Communications</i> , <b>2011</b> , 47, 11110-2	5.8	49
78	Ligand-controlled stereodivergent 1,3-dipolar cycloaddition of azomethine ylides with 3-methyl-4-nitro-5-styrylisoxazoles. <i>Chemical Communications</i> , <b>2016</b> , 52, 9458-61	5.8	47

77	Catalytic Asymmetric Synthesis of [2,3]-Fused Indoline Heterocycles through Inverse-Electron-Demand Aza-Diels-Alder Reaction of Indoles with Azoalkenes. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 4768-4772	3.6	47
76	Stereodivergent assembly of tetrahydro- $\beta$ -carbolines via synergistic catalytic asymmetric cascade reaction. <i>Nature Communications</i> , <b>2019</b> , 10, 5553	17.4	47
75	Highly Efficient Catalytic Asymmetric Sulfa-Michael Addition of Thiols to trans-4,4,4-Trifluorocrotonoylpyrazole. <i>Advanced Synthesis and Catalysis</i> , <b>2012</b> , 354, 1141-1147	5.6	46
74	Et <sub>3</sub> N-catalyzed tandem formal [4 + 3] annulation/decarboxylation/isomerization of methyl coumalate with imine esters: access to functionalized azepine derivatives. <i>Organic Letters</i> , <b>2014</b> , 16, 4508-4511	6.2	45
73	Synergistic catalysis for cascade allylation and 2-aza-cope rearrangement of azomethine ylides. <i>Nature Communications</i> , <b>2019</b> , 10, 1594	17.4	44
72	Silver(I)-Catalyzed Enantioselective Desymmetrization of Cyclopentenediones: Access to Highly Functionalized Bicyclic Pyrrolidines. <i>Organic Letters</i> , <b>2015</b> , 17, 5440-3	6.2	43
71	Silver(I)-Catalyzed Atroposelective Desymmetrization of N-Arylmaleimide via 1,3-Dipolar Cycloaddition of Azomethine Ylides: Access to Octahydropyrrolo[3,4-c]pyrrole Derivatives. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 3752-60	4.2	43
70	A facile Cu(I)/BINAP-catalyzed asymmetric approach to functionalized pyroglutamate derivatives bearing a unique quaternary stereogenic center. <i>Organic Letters</i> , <b>2011</b> , 13, 5600-3	6.2	42
69	Catalytic Asymmetric Mannich Reaction of Glycine Derivatives with N-Tosylimines using Copper(I)/TF-Biphosphos Complex. <i>Advanced Synthesis and Catalysis</i> , <b>2010</b> , 352, 1851-1855	5.6	42
68	Enantioselective synthesis of multi-nitrogen-containing heterocycles using azoalkenes as key intermediates. <i>Chemical Communications</i> , <b>2019</b> , 55, 6672-6684	5.8	41
67	Stereoselective construction of spiro(butyrolactonepyrrolidines) by highly efficient copper(I)/TF-Biphosphos-catalyzed asymmetric 1,3-dipolar cycloaddition. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 8042-6	4.8	40
66	Copper(II)-Catalyzed Asymmetric 1,3-Dipolar [3+4] Cycloaddition and Kinetic Resolution of Azomethine Imines with Azoalkenes. <i>Advanced Synthesis and Catalysis</i> , <b>2016</b> , 358, 3955-3959	5.6	39
65	PPh-Mediated [4 + 2]- and [4 + 1]-Annulations of Maleimides with Azoalkenes: Access to Fused Tetrahydropyridazine/Pyrrolidinedione and Spiro-dihydropyrazole/Pyrrolidinedione Derivatives. <i>Organic Letters</i> , <b>2017</b> , 19, 1176-1179	6.2	38
64	Cu(I)/DTBM-BIPHEP-catalyzed exo-selective 1,3-dipolar cycloaddition of azomethine ylides with cis-trifluorocrotonate for asymmetric construction of trifluoromethylated pyrrolidines. <i>Tetrahedron Letters</i> , <b>2012</b> , 53, 3650-3653	2	38
63	Cu(I)/TF-Biphosphos Catalyzed Reactions of Alkylidene Bisphosphates and Alkylidene Malonates with Azomethine Ylides: Michael Addition versus 1,3-Dipolar Cycloaddition. <i>Organometallics</i> , <b>2012</b> , 31, 7870-7876	3.8	38
62	Unusual ester-directed regiochemical control in endo-selective asymmetric 1,3-dipolar cycloadditions of azomethine ylides with $\beta$ -sulfonyl acrylates. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 12922-7	4.8	38
61	Catalytic Asymmetric Synthesis of $\beta$ -Trifluoromethyl Homoallylic Amines via Umpolung Allylation/2-Aza-Cope Rearrangement: Stereoselectivity and Mechanistic Insight. <i>Organic Letters</i> , <b>2019</b> , 21, 4842-4848	6.2	37
60	Exoselective 1,3-dipolar [3 + 6] cycloaddition of azomethine ylides with 2-acylcycloheptatrienes: stereoselectivity and mechanistic insight. <i>Organic Letters</i> , <b>2015</b> , 17, 1365-8	6.2	37

59	Catalytic asymmetric construction of spiro(Ebutyrolactam-Ebutyrolactone) moieties through sequential reactions of cyclic imino esters with Morita-Baylis-Hillman bromides. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 12614-8	4.8	37
58	The Catalytic Asymmetric Addition of Diethylzinc to N-(Diphenylphosphinoyl) Imines Catalyzed by Cu(OTf) <sub>2</sub> -Chiral N-(Binaphthyl-2-yl)thiophosphoramidate Ligands. <i>Advanced Synthesis and Catalysis</i> , <b>2003</b> , 345, 971-973	5.6	37
57	Asymmetric construction of 3-vinylidene-pyrrolidine derivatives containing allene moiety via Ag(I)/TF-BiphamPhos-catalyzed 1,3-dipolar cycloaddition of azomethine ylides with diethyl 2-(3,3-diphenylpropa-1,2-dienylidene) malonate. <i>Organic and Biomolecular Chemistry</i> , <b>2011</b> , 9, 3622-4	3.9	35
56	Catalytic Asymmetric Umpolung Allylation/2-Aza-Cope Rearrangement for the Construction of $\beta$ -Tetra-substituted $\beta$ -Trifluoromethyl Homoallylic Amines. <i>Organic Letters</i> , <b>2019</b> , 21, 6940-6945	6.2	34
55	Dysprosium(III)-Catalyzed Ring-Opening of meso-Epoxides: Desymmetrization by Remote Stereocontrol in a Thiolysis/Elimination Sequence. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 5829-33	16.4	30
54	Fulvenes as Effective Dipolarophiles in Copper(I)-Catalyzed [6+3] Cycloaddition of Azomethine Ylides: Asymmetric Construction of Piperidine Derivatives. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 3006-3010	3.6	29
53	Synergistic Cu/Pd Catalysis for Enantioselective Allylation of Ketimine Esters: The Direct Synthesis of $\beta$ -Substituted $\beta$ -Amino Acids and 2H-Pyrrols. <i>Advanced Synthesis and Catalysis</i> , <b>2018</b> , 360, 4715-4719	5.6	29
52	Catalytic Asymmetric Desymmetrization of Cyclopentendiones via Diels-Alder Reaction of 3-Hydroxy-2-pyrones: Construction of Multifunctional Bridged Tricyclic Lactones. <i>Organic Letters</i> , <b>2017</b> , 19, 4532-4535	6.2	27
51	Cu(I)/TF-BiphamPhos-catalyzed asymmetric Michael addition of cyclic ketimino esters to alkylidene malonates. <i>Organic and Biomolecular Chemistry</i> , <b>2015</b> , 13, 5460-6	3.9	26
50	Copper(I)-Catalyzed Asymmetric 1,3-Dipolar [3+4] Cycloaddition of Nitrones with Azoalkenes. <i>Advanced Synthesis and Catalysis</i> , <b>2016</b> , 358, 3748-3752	5.6	25
49	Synergistic Cu/Pd Catalysis for Enantioselective Allylic Alkylation of Aldimine Esters: Access to $\beta$ -Disubstituted $\beta$ -Amino Acids. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 12480-12484	3.6	25
48	Axial 4,4',6,6'-Tetrakis-trifluoromethyl-biphenyl-2,2'-diamine (TF-BIPHAM): resolution and applications in asymmetric hydrogenation. <i>Organic Letters</i> , <b>2008</b> , 10, 4711-4	6.2	25
47	Catalytic Asymmetric 1,3-Dipolar Cycloaddition of Two Different Ylides: Facile Access to Chiral 1,2,4-Triazinane Frameworks. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 12603-12606	3.6	24
46	Asymmetric N-Allylic Alkylation of Hydrazones with Morita-Baylis-Hillman Carbonates. <i>Advanced Synthesis and Catalysis</i> , <b>2015</b> , 357, 384-388	5.6	23
45	Stereodivergent Synthesis of $\beta$ -Quaternary Serine and Cysteine Derivatives Containing Two Contiguous Stereogenic Centers via Synergistic Cu/Ir Catalysis. <i>Organic Letters</i> , <b>2020</b> , 22, 4852-4857	6.2	23
44	Catalytic asymmetric inverse electron demand Diels-Alder reaction of fulvenes with azoalkenes. <i>Chemical Communications</i> , <b>2018</b> , 54, 2506-2509	5.8	23
43	Highly Enantioselective Allylation of Arylaldehydes Catalyzed by a Silver(I)-Chiral Binaphthylthiophosphoramidate. <i>European Journal of Organic Chemistry</i> , <b>2003</b> , 2003, 2823-2828	3.2	22
42	Copper(I)-Catalyzed Asymmetric Desymmetrization through Inverse-Electron-Demand aza-Diels-Alder Reaction: Efficient Access to Tetrahydropyridazines Bearing a Unique $\beta$ -Chiral Silane Moiety. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 4995-4999	4.8	21



41	Synergistic Cu/Pd-Catalyzed Asymmetric Allenylic Alkylation of Azomethine Ylides for the Construction of $\beta$ -Allene-Substituted Nonproteinogenic $\beta$ -Amino Acids. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 8681-8685	4.8	19
40	Copper(I)-Catalyzed Asymmetric 1,3-Dipolar Cycloaddition of Azomethine Ylides with Fluorinated Imines: The Expanded Scope and Mechanism Insights. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 11814-11824	4.2	18
39	Catalytic Asymmetric Construction of Azabicyclo[2.2.1]heptanes Bearing Two Quaternary Stereogenic Centers via Silver(I)-Catalyzed 1,3-Dipolar Cycloaddition of Cyclic Azomethine Ylides. <i>Synlett</i> , <b>2014</b> , 25, 2733-2737	2.2	17
38	Copper(I)-Catalyzed One-Pot Sequential [3+2]/[8+2] Annulations for the (Z)-Selective Construction of Heterocyclic Diazabicyclo[5.3.0]decatrienes. <i>Advanced Synthesis and Catalysis</i> , <b>2017</b> , 359, 1854-1859	5.6	15
37	Cu(I)/TFBiphamPhos-catalyzed asymmetric 1,3-dipolar cycloaddition of azomethine ylides with dimethyl itaconate and 2-methyleneglutarate. <i>RSC Advances</i> , <b>2014</b> , 4, 16899-16905	3.7	15
36	Kinetic Resolution of Alkylidene Norcamphors via a Ligand-Controlled Umpolung-Type 1,3-Dipolar Cycloaddition. <i>IScience</i> , <b>2019</b> , 11, 146-159	6.1	15
35	Organocatalytic asymmetric sulfa-Michael addition of thiols to trans-3,3,3-trifluoropropenyl phenyl sulfone. <i>Tetrahedron Letters</i> , <b>2013</b> , 54, 4509-4511	2	14
34	Stereodivergent Synthesis of Enantioenriched $\beta$ -Butyrolactones Bearing Two Vicinal Stereocenters Enabled by Synergistic Copper and Iridium Catalysis. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 24930-24940	16.4	13
33	Pd-Catalyzed Asymmetric Hydroalkylation of 1,3-Dienes: Access to Unnatural $\beta$ -Amino Acid Derivatives Containing Vicinal Quaternary and Tertiary Stereogenic Centers. <i>Organic Letters</i> , <b>2020</b> , 22, 569-574	6.2	13
32	Ir/Phase-Transfer-Catalysis Cooperatively Catalyzed Asymmetric Cascade Allylation/2-aza-Cope Rearrangement: An Efficient Route to Homoallylic Amines from Aldimine Esters <i>Chinese Journal of Chemistry</i> , <b>2020</b> , 38, 82-86	4.9	13
31	Asymmetric synthesis of quaternary trifluoromethyl $\beta$ -amino acids by Ir-catalyzed allylation followed by kinetic resolution. <i>Chemical Communications</i> , <b>2020</b> , 56, 3333-3336	5.8	12
30	Catalytic asymmetric synthesis of quaternary trifluoromethyl $\beta$ -amino acid derivatives umpolung allylation/2-aza-Cope rearrangement. <i>Chemical Science</i> , <b>2020</b> , 11, 10984-10990	9.4	12
29	Nickel(II)-Catalyzed Cascade Vinylogous Mukaiyama 1,6-Michael/Michael Addition of 2-Silyloxyfuran with N-Sulfonyl-1-aza-1,3-dienes: Access to Fused Piperidine/Butyrolactone Skeletons. <i>Organic Letters</i> , <b>2016</b> , 18, 6288-6291	6.2	12
28	Visible-Light-Enabled Enantioconvergent Synthesis of $\beta$ -Amino Acid Derivatives via Synergistic Brønsted Acid/Photoredox Catalysis. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 4698-4704	16.4	12
27	Copper(I)-Catalyzed Kinetic Resolution of exo-3-Oxodicyclopentadienes and endo-3-Oxodicyclopentadiene. <i>Organic Letters</i> , <b>2019</b> , 21, 1191-1196	6.2	11
26	$\beta$ -Substituted Alkenyl Heteroarenes as Dipolarophiles in the Cu(I)-Catalyzed Asymmetric 1,3-Dipolar Cycloaddition of Azomethine Ylides Empowered by a Dual Activation Strategy: Stereoselectivity and Mechanistic Insight. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 3519-3535	16.4	11
25	Ag(I)-Catalyzed Kinetic Resolution of Cyclopentene-1,3-diones. <i>Organic Letters</i> , <b>2018</b> , 20, 3482-3486	6.2	11
24	Sequential Ir-Catalyzed Allylation/2-aza-Cope Rearrangement Strategy for the Construction of Chiral Homoallylic Amines <i>Chinese Journal of Chemistry</i> , <b>2020</b> , 38, 807-811	4.9	10

23	Titanium(IV) Bromide and Boron(III) Tribromide Promoted Baylis-Hillman Reactions of Arylaldehydes with But-3-yn-2-one. <i>Helvetica Chimica Acta</i> , <b>2002</b> , 85, 841	2	10
22	Organocatalytic Asymmetric Addition of Thiols to Trifluoromethylaldimine: An Efficient Approach to Chiral Trifluoromethylated N,S-Acetals. <i>Advanced Synthesis and Catalysis</i> , <b>2013</b> , 355, n/a-n/a	5.6	9
21	A Facile Access to Piperidine Derivatives via Copper(I)-Catalyzed 1,3-Dipolar [6+3] Cycloadditions of Azomethine Ylides with Fulvenes. <i>Synlett</i> , <b>2014</b> , 25, 461-465	2.2	9
20	Copper(i)/TF-BiphamPhos catalyzed asymmetric nitroso Diels-Alder reaction. <i>Chemical Communications</i> , <b>2017</b> , 53, 1657-1659	5.8	8
19	Chiral Trifluoromethylated Pyrrolidines via CuI-Catalyzed Asymmetric 1,3-Dipolar Cycloaddition. <i>Asian Journal of Organic Chemistry</i> , <b>2020</b> , 9, 1567-1570	3	7
18	Dysprosium(III)-Catalyzed Ring-Opening of meso-Epoxides: Desymmetrization by Remote Stereocontrol in a Thiolysis/Elimination Sequence. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 5923-5927	3.6	7
17	Recent advances in catalytic asymmetric aza-Cope rearrangement. <i>Chemical Communications</i> , <b>2021</b> , 57, 10469-10483	5.8	6
16	Asymmetric Synthesis of Axially Chiral Naphthyl-C3-indoles via a Palladium-Catalyzed Cacchi Reaction. <i>Organic Letters</i> , <b>2021</b> , 23, 7401-7406	6.2	6
15	Palladium-Catalyzed Asymmetric Allylic Alkylation/ $\beta$ -Aminol Rearrangement: A Facile Access to 2-Spirocyclic-Indoline Derivatives. <i>CCS Chemistry</i> , 1484-1498	7.2	5
14	Chiral Ugi-Type Amines: Practical Synthesis, Ligand Development, and Asymmetric Catalysis. <i>ACS Catalysis</i> , <b>2020</b> , 10, 12954-12959	13.1	4
13	A new entry to highly functionalized pyrroles via a cascade reaction of $\beta$ -amino esters and alkynals. <i>Chemical Communications</i> , <b>2020</b> , 56, 9691-9694	5.8	4
12	Ir-Catalyzed Asymmetric Tandem Allylation/ $\beta$ -Pictet-Spengler Cyclization Reaction for the Enantioselective Construction of Tetrahydro- $\beta$ -carboline. <i>Organic Letters</i> , <b>2021</b> , 23, 706-710	6.2	4
11	Synergistic Cu/Pd-catalyzed asymmetric allylation: a facile access to $\beta$ -quaternary cysteine derivatives. <i>Chemical Communications</i> , <b>2021</b> , 57, 6538-6541	5.8	3
10	Catalytic Asymmetric Benzoylation of Azomethine Ylides Enabled by Synergistic Lewis Acid/Palladium Catalysis.. <i>Organic Letters</i> , <b>2022</b> ,	6.2	3
9	Cu-catalyzed endo-selective asymmetric 1,3-dipolar cycloaddition of azomethine ylides with ethenesulfonyl fluorides: efficient access to chiral pyrrolidine-3-sulfonyl fluorides. <i>Chinese Chemical Letters</i> , <b>2021</b> ,	8.1	2
8	Visible-Light-Enabled Enantioconvergent Synthesis of $\beta$ -Amino Acid Derivatives via Synergistic Brønsted Acid/Photoredox Catalysis. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 4748-4754	3.6	2
7	Diastereoselective synthesis of functionalized tetrahydropyridazines containing indole scaffolds via an inverse-electron-demand aza-Diels-Alder reaction. <i>Organic Chemistry Frontiers</i> , <b>2021</b> , 8, 4392-4398	5.2	2
6	Stereodivergent synthesis iridium-catalyzed asymmetric double allylic alkylation of cyanoacetate.. <i>Chemical Science</i> , <b>2021</b> , 12, 15882-15891	9.4	1

5	Synthesis of bioactive fluoropyrrolidines copper(i)-catalysed asymmetric 1,3-dipolar cycloaddition of azomethine ylides.. <i>Chemical Science</i> , <b>2022</b> , 13, 1398-1407	9.4	1
4	Stereodivergent Synthesis of Enantioenriched $\beta$ -Butyrolactones Bearing Two Vicinal Stereocenters Enabled by Synergistic Copper and Iridium Catalysis. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 25134	3.6	1
3	Catalytic asymmetric synthesis of enantioenriched $\beta$ -deuterated pyrrolidine derivatives.. <i>Chemical Science</i> , <b>2022</b> , 13, 4041-4049	9.4	1
2	Palladium catalyzed cascade umpolung allylation/acetalation for the construction of quaternary 3-amino oxindoles. <i>Chemical Communications</i> , <b>2021</b> , 57, 7958-7961	5.8	0
1	3-[[3,5-Bis(trifluoromethyl)phenyl]amino]-4-[[[(1R,2R)-2-(dimethylamino)cyclohexyl]amino]-3-cyclobutene-1,2-dione <b>2014</b> , 1-3		