# Chun-Jiang Wang

List of Publications by Year
in descending order



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|---|---|---|---|
| 115 papers | 6,265 citations | 44069 48 h-index | 76900 74 g-index |
| 120 all docs | 120 docs citations | 120 times ranked | 2899 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Recent advances in asymmetric organocatalysis mediated by bifunctional amineâ€“thioureas bearing multiple hydrogen-bonding donors. Chemical Communications, 2015, 51, 1185-1197. | 4.1 | 316 |
| 2 | Stereodivergent Synthesis of Î±,Î±-Disubstituted Î±-Amino Acids via Synergistic Cu/Ir Catalysis. Journal of the American Chemical Society, 2018, 140, 1508-1513. | 13.7 | 269 |
| 3 | Highly Enantioselective 1,3-Dipolar Cycloaddition of Azomethine Ylides Catalyzed by Copper(I)/TF-BiphamPhos Complexes. Journal of the American Chemical Society, 2008, 130, 17250-17251. | 13.7 | 179 |
| 4 | Catalytic Asymmetric Synthesis of [2,3]â€Fused Indoline Heterocycles through Inverseâ€Electronâ€Demand Azaâ€Dielsâ€“Alder Reaction of Indoles with Azoalkenes. Angewandte Chemie - International Edition, 2014, 53, 4680-4684. | 13.8 | 171 |
| 5 | Chiral amine-thioureas bearing multiple hydrogen bonding donors: highly efficient organocatalysts for asymmetric Michael addition of acetylacetone to nitroolefins. Chemical Communications, 2008, , 1431. | 4.1 | 158 |
| 6 | Catalytic Asymmetric Reactions with N-Metallated Azomethine Ylides. Accounts of Chemical Research, 2020, 53, 1084-1100. | 15.6 | 156 |
| 7 | Highly anti-Selective Asymmetric Nitro-Mannich Reactions Catalyzed by Bifunctional Amine-Thiourea-Bearing Multiple Hydrogen-Bonding Donors. Journal of the American Chemical Society, 2008, 130, 8606-8607. | 13.7 | 155 |
| 8 | Catalytic asymmetric construction of spiropyrrolidines via 1,3-dipolar cycloaddition of azomethine ylides. Organic and Biomolecular Chemistry, 2018, 16, 2591-2601. | 2.8 | 148 |
| 9 | Synergistic Cu/Pd Catalysis for Enantioselective Allylic Alkylation of Aldimine Esters: Access to Î±,Î±â€Disubstituted Î±â€Amino Acids. Angewandte Chemie - International Edition, 2017, 56, 12312-12316. | 13.8 | 145 |
| 10 | Catalytic Asymmetric 1,3â€Dipolar Cycloaddition of Two Different Ylides: Facile Access to Chiral 1,2,4â€Triazinane Frameworks. Angewandte Chemie - International Edition, 2013, 52, 12377-12380. | 13.8 | 132 |
| 11 | Catalytic asymmetric 1,3-dipolar cycloaddition of N-unprotected 2-oxoindolin-3-ylidene derivatives and azomethine ylides for the construction of spirooxindole-pyrrolidines. Organic and Biomolecular Chemistry, 2011, 9, 1980. | 2.8 | 121 |
| 12 | 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. Journal of the American Chemical Society, 2014, 136, 4075-4080. | 13.7 | 120 |
| 13 | Fulvenes as Effective Dipolarophiles in Copper(I)â€Catalyzed [6+3] Cycloaddition of Azomethine Ylides: Asymmetric Construction of Piperidine Derivatives. Angewandte Chemie - International Edition, 2013, 52, 2934-2938. | 13.8 | 110 |
| 14 | Stereodivergent assembly of tetrahydro-Î³-carbolines via synergistic catalytic asymmetric cascade reaction. Nature Communications, 2019, 10, 5553. | 12.8 | 110 |
| 15 | Catalytic Asymmetric 1,3-Dipolar [3 + 6] Cycloaddition of Azomethine Ylides with 2-Acyl Cycloheptatrienes: Efficient Construction of Bridged Heterocycles Bearing Piperidine Moiety. Journal of the American Chemical Society, 2014, 136, 8685-8692. | 13.7 | 100 |
| 16 | A Facile Cu(I)/TF-BiphamPhos-Catalyzed Asymmetric Approach to Unnatural Î±-Amino Acid Derivatives Containing gem-Bisphosphonates. Journal of the American Chemical Society, 2011, 133, 11757-11765. | 13.7 | 99 |
| 17 | Stereodivergent Synthesis of Enantioenriched Î³â€Butyrolactones Bearing Two Vicinal Stereocenters Enabled by Synergistic Copper and Iridium Catalysis. Angewandte Chemie - International Edition, 2021, 60, 24930-24940. | 13.8 | 89 |
| 18 | Fineâ€Tunable Organocatalysts Bearing Multiple Hydrogenâ€Bonding Donors for Construction of Adjacent Quaternary and Tertiary Stereocenters via a Michael Reaction. Chemistry - A European Journal, 2008, 14, 8780-8783. | 3.3 | 88 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Catalytic Asymmetric Cascade Vinylogous Mukaiyama 1,6-Michael/Michael Addition of 2-Silyloxyfurans with Azoalkenes: Direct Approach to Fused Butyrolactones. Journal of the American Chemical Society, 2015, 137, 10124-10127. | 13.7 | 84 |
| 20 | Catalytic Asymmetric Construction of Spirocycles Containing Pyrrolidine Motifs and Spiro Quaternary Stereogenic Centers via 1,3â€Dipolar Cycloaddition of Azomethine Ylides with 2â€Alkylideneâ€Cycloketones. Advanced Synthesis and Catalysis, 2011, 353, 1713-1719. | 4.3 | 78 |
| 21 | exo-Selective asymmetric 1,3-dipolar cycloaddition of azomethine ylides with alkylidene malonates catalyzed by AgOAc/TF-BiphamPhos. Chemical Communications, 2010, 46, 1727. | 4.1 | 77 |
| 22 | Organocatalytic asymmetric desymmetrization: efficient construction of spirocyclic oxindoles bearing a unique all-carbon quaternary stereogenic center via sulfa-Michael addition. Chemical Communications, 2013, 49, 6078. | 4.1 | 77 |
| 23 | 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. Chemical Communications, 2011, 47, 2616. | 4.1 | 76 |
| 24 | Organocatalytic Asymmetric Sulfa-Michael Addition of Thiols to 4,4,4-Trifluorocrotonates. Organic Letters, 2011, 13, 4426-4429. | 4.6 | 75 |
| 25 | Highly efficient construction of spirocyclic chromanoneâ€“pyrrolidines via Cu(i)/TFâ€“BiphamPhos-catalyzed asymmetric 1,3-dipolar cycloaddition. Chemical Communications, 2011, 47, 9600. | 4.1 | 75 |
| 26 | Asymmetric construction of fluorinated imidazolidines via Cu(i)-catalyzed exoâ€²-selective 1,3-dipolar cycloaddition of azomethine ylides with fluorinated imines. Chemical Communications, 2013, 49, 6277. | 4.1 | 75 |
| 27 | Silver Acetate/TFâ€BiphamPhosâ€Catalyzed endoâ€Selective Enantioselective 1,3â€Dipolar Cycloaddition of Azomethine Ylides with Vinyl Phenyl Sulfone. Advanced Synthesis and Catalysis, 2009, 351, 3101-3106. | 4.3 | 68 |
| 28 | Highly enantioselective 1,3-dipolar cycloaddition of azomethine ylides catalyzed by AgOAc/TF-BiphamPhos. Chemical Communications, 2009, , 2905. | 4.1 | 68 |
| 29 | Cu(I)-Catalyzed Asymmetric Multicomponent Cascade Inverse Electron-Demand Aza-Dielsâ€“Alder/Nucleophilic Addition/Ring-Opening Reaction Involving 2-Methoxyfurans as Efficient Dienophiles. Journal of the American Chemical Society, 2016, 138, 3998-4001. | 13.7 | 67 |
| 30 | Silver-Catalyzed Enantioselective Desymmetrization: Facile Access to Spirolactone-Pyrrolidines Containing a Spiro Quaternary Stereogenic Center. Organic Letters, 2013, 15, 2250-2253. | 4.6 | 65 |
| 31 | Synergistic catalysis for cascade allylation and 2-aza-cope rearrangement of azomethine ylides. Nature Communications, 2019, 10, 1594. | 12.8 | 65 |
| 32 | Enantioselective synthesis of multi-nitrogen-containing heterocycles using azoalkenes as key intermediates. Chemical Communications, 2019, 55, 6672-6684. | 4.1 | 62 |
| 33 | Chiral Binaphthylthiophosphoramideâ^'Cu(I)-Catalyzed Asymmetric Addition of Diethylzinc toN-Sulfonylimines. Journal of Organic Chemistry, 2003, 68, 6229-6237. | 3.2 | 59 |
| 34 | Silver(I)-Catalyzed Atroposelective Desymmetrization of N-Arylmaleimide via 1,3-Dipolar Cycloaddition of Azomethine Ylides: Access to Octahydropyrrolo[3,4-c]pyrrole Derivatives. Journal of Organic Chemistry, 2016, 81, 3752-3760. | 3.2 | 59 |
| 35 | exo-Selective construction of spiro-[butyrolactone-pyrrolidine] via 1,3-dipolar cycloaddition of azomethine ylides with Î±-methylene-Î³-butyrolactone catalyzed by Cu(i)/DTBM-BIPHEP. Chemical Communications, 2013, 49, 9642. | 4.1 | 57 |
| 36 | The catalytic asymmetric synthesis of tetrahydropyridazines via inverse electron-demand aza-Dielsâ€“Alder reaction of enol ethers with azoalkenes. Chemical Communications, 2015, 51, 15374-15377. | 4.1 | 57 |

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| 37 | Moritaâ€“Baylisâ€“Hillman adducts as effective dipolarophiles in Copper(<scp>i</scp>)-catalyzed 1,3-dipolar cycloaddition with azomethine ylides: asymmetric construction of pyrrolidine derivatives containing quaternary stereogenic center. Chemical Communications, 2011, 47, 5494-5496. | 4.1 | 56 |
| 38 | Ligand-controlled stereodivergent 1,3-dipolar cycloaddition of azomethine ylides with 3-methyl-4-nitro-5-styrylisoxazoles. Chemical Communications, 2016, 52, 9458-9461. | 4.1 | 56 |
| 39 | Asymmetric construction of trifluoromethylated pyrrolidines via Cu(i)-catalyzed 1,3-dipolar cycloaddition of azomethine ylides with 4,4,4-trifluorocrotonates. Chemical Communications, 2011, 47, 11110. | 4.1 | 55 |
| 40 | A Facile Access to Enantioenriched Isoindolines via One-Pot Sequential Cu(I)-Catalyzed Asymmetric 1,3-Dipolar Cycloaddition/Aromatization. Organic Letters, 2012, 14, 6230-6233. | 4.6 | 55 |
| 41 | Silver(I)-Catalyzed Enantioselective Desymmetrization of Cyclopentenediones: Access to Highly Functionalized Bicyclic Pyrrolidines. Organic Letters, 2015, 17, 5440-5443. | 4.6 | 55 |
| 42 | Highly Efficient Catalytic Asymmetric Sulfaâ€Michael Addition of Thiols to transâ€4,4,4â€Trifluorocrotonoylpyrazole. Advanced Synthesis and Catalysis, 2012, 354, 1141-1147. | 4.3 | 54 |
| 43 | Et<sub>3</sub>N-Catalyzed Tandem Formal [4 + 3] Annulation/Decarboxylation/Isomerization of Methyl Coumalate with Imine Esters: Access to Functionalized Azepine Derivatives. Organic Letters, 2014, 16, 4508-4511. | 4.6 | 54 |
| 44 | Stereodivergent Synthesis of Î±-Quaternary Serine and Cysteine Derivatives Containing Two Contiguous Stereogenic Centers via Synergistic Cu/Ir Catalysis. Organic Letters, 2020, 22, 4852-4857. | 4.6 | 54 |
| 45 | A Facile Cu(I)/BINAP-Catalyzed Asymmetric Approach to Functionalized Pyroglutamate Derivatives Bearing a Unique Quaternary Stereogenic Center. Organic Letters, 2011, 13, 5600-5603. | 4.6 | 52 |
| 46 | Copper(II)â€Catalyzed Asymmetric 1,3â€Dipolar [3+4] Cycloaddition and Kinetic Resolution of Azomethine Imines with Azoalkenes. Advanced Synthesis and Catalysis, 2016, 358, 3955-3959. | 4.3 | 51 |
| 47 | PPh<sub>3</sub>-Mediated [4 + 2]- and [4 + 1]-Annulations of Maleimides with Azoalkenes: Access to Fused Tetrahydropyridazine/Pyrrolidinedione and Spiro-dihydropyrazole/Pyrrolidinedione Derivatives. Organic Letters, 2017, 19, 1176-1179. | 4.6 | 50 |
| 48 | Synergistic Cu/Pd Catalysis for Enantioselective Allylation of Ketimine Esters: The Direct Synthesis of Î±â€Substituted Î±â€Amino Acids and 2Hâ€Pyrrols. Advanced Synthesis and Catalysis, 2018, 360, 4715-4719. | 4.3 | 50 |
| 49 | Catalytic Asymmetric Synthesis of Î±-Trifluoromethyl Homoallylic Amines via Umpolung Allylation/2-Aza-Cope Rearrangement: Stereoselectivity and Mechanistic Insight. Organic Letters, 2019, 21, 4842-4848. | 4.6 | 50 |
| 50 | Synergistic Cu/Pdâ€Catalyzed Asymmetric Allenylic Alkylation of Azomethine Ylides for the Construction of Î±â€Alleneâ€Substituted Nonproteinogenic Î±â€Amino Acids. Chemistry - A European Journal, 2019, 25, 8681-8685. | 3.3 | 49 |
| 51 | Stereoselective Construction of Spiro(butyrolactonepyrrolidines) by Highly Efficient Copper(I)/TFâ€BiphamPhosâ€Catalyzed Asymmetric 1,3â€Dipolar Cycloaddition. Chemistry - A European Journal, 2012, 18, 8042-8046. | 3.3 | 48 |
| 52 | Catalytic Asymmetric Construction of Spiro(Î³â€butyrolactamâ€Î³â€butyrolactone) Moieties through Sequential Reactions of Cyclic Imino Esters with Moritaâ€“Baylisâ€“Hillman Bromides. Chemistry - A European Journal, 2012, 18, 12614-12618. | 3.3 | 46 |
| 53 | Exoselective 1,3-Dipolar [3 + 6] Cycloaddition of Azomethine Ylides with 2-Acylcycloheptatrienes: Stereoselectivity and Mechanistic Insight. Organic Letters, 2015, 17, 1365-1368. | 4.6 | 46 |
| 54 | Cu(I)/DTBM-BIPHEP-catalyzed exo-selective 1,3-dipolar cycloaddition of azomethine ylides with cis-trifluorocrotonate for asymmetric construction of trifluoromethylated pyrrolidines. Tetrahedron Letters, 2012, 53, 3650-3653. | 1.4 | 45 |

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|---|---|---|---|
| 55 | Cu(I)/TF-BiphamPhos Catalyzed Reactions of Alkylidene Bisphosphates and Alkylidene Malonates with Azomethine Ylides: Michael Addition versus 1,3-Dipolar Cycloaddition. Organometallics, 2012, 31, 7870-7876. | 2.3 | 44 |
| 56 | Catalytic Asymmetric Mannich Reaction of Glycine Derivatives with Nâ€Tosylimines using Copper(I)/TFâ€BiphamPhos Complex. Advanced Synthesis and Catalysis, 2010, 352, 1851-1855. | 4.3 | 43 |
| 57 | Catalytic Asymmetric Umpolung Allylation/2-Aza-Cope Rearrangement for the Construction of Î±-Tetrasubstituted Î±-Trifluoromethyl Homoallylic Amines. Organic Letters, 2019, 21, 6940-6945. | 4.6 | 42 |
| 58 | Visibleâ€Lightâ€Enabled Enantioconvergent Synthesis of Î±â€Amino Acid Derivatives via Synergistic BrÃ¸nsted Acid/Photoredox Catalysis. Angewandte Chemie - International Edition, 2021, 60, 4698-4704. | 13.8 | 41 |
| 59 | Unusual Esterâ€Directed Regiochemical Control in endoâ€Selective Asymmetric 1,3â€Dipolar Cycloadditions of Azomethine Ylides with Î²â€Sulfonyl Acrylates. Chemistry - A European Journal, 2011, 17, 12922-12927. | 3.3 | 40 |
| 60 | Dysprosium(III)â€Catalyzed Ringâ€Opening of mesoâ€Epoxides: Desymmetrization by Remote Stereocontrol in a Thiolysis/Elimination Sequence. Angewandte Chemie - International Edition, 2016, 55, 5829-5833. | 13.8 | 40 |
| 61 | Pd-Catalyzed Asymmetric Hydroalkylation of 1,3-Dienes: Access to Unnatural Î±-Amino Acid Derivatives Containing Vicinal Quaternary and Tertiary Stereogenic Centers. Organic Letters, 2020, 22, 569-574. | 4.6 | 40 |
| 62 | The Catalytic Asymmetric Addition of Diethylzinc toN-(Diphenylphosphinoyl) Imines Catalyzed by Cu(OTf)2-ChiralN-(Binaphthyl-2-yl)thiophosphoramide Ligands. Advanced Synthesis and Catalysis, 2003, 345, 971-973. | 4.3 | 39 |
| 63 | Asymmetric Synthesis of Axially Chiral Naphthyl-C3-indoles via a Palladium-Catalyzed Cacchi Reaction. Organic Letters, 2021, 23, 7401-7406. | 4.6 | 39 |
| 64 | 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. Organic and Biomolecular Chemistry, 2011, 9, 3622. | 2.8 | 36 |
| 65 | Cu(i)/TF-BiphamPhos-catalyzed asymmetric Michael addition of cyclic ketimino esters to alkylidene malonates. Organic and Biomolecular Chemistry, 2015, 13, 5460-5466. | 2.8 | 35 |
| 66 | Synergistic Cu/Pd Catalysis for Enantioselective Allylic Alkylation of Aldimine Esters: Access to Î±,Î±â€Disubstituted Î±â€Amino Acids. Angewandte Chemie, 2017, 129, 12480-12484. | 2.0 | 35 |
| 67 | Organocatalytic Asymmetric Addition of Thiols to Trifluoromethylaldimine: An Efficient Approach to Chiral Trifluoromethylated N,Sâ€Acetals. Advanced Synthesis and Catalysis, 2013, 355, 327-331. | 4.3 | 34 |
| 68 | Î²-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. Journal of the American Chemical Society, 2021, 143, 3519-3535. | 13.7 | 34 |
| 69 | Copper(I)â€Catalyzed Asymmetric 1,3â€Dipolar [3+4]â€‰Cycloaddition of Nitrones with Azoalkenes. Advanced Synthesis and Catalysis, 2016, 358, 3748-3752. | 4.3 | 33 |
| 70 | Catalytic asymmetric inverse electron demand Dielsâ€“Alder reaction of fulvenes with azoalkenes. Chemical Communications, 2018, 54, 2506-2509. | 4.1 | 33 |
| 71 | Asymmetric Nâ€Allylic Alkylation of Hydrazones with Moritaâ€“Baylisâ€“Hillman Carbonates. Advanced Synthesis and Catalysis, 2015, 357, 384-388. | 4.3 | 32 |
| 72 | Catalytic Asymmetric Desymmetrization of Cyclopentendiones via Dielsâ€“Alder Reaction of 3-Hydroxy-2-pyrones: Construction of Multifunctional Bridged Tricyclic Lactones. Organic Letters, 2017, 19, 4532-4535. | 4.6 | 32 |

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|---|---|---|---|
| 73 | Stereodivergent synthesis of enantioenriched azepino[3,4,5-cd]-indoles via cooperative Cu/Ir-catalyzed asymmetric allylic alkylation and intramolecular Friedelâ€“Crafts reaction. Chemical Science, 2022, 13, 4801-4812. | 7.4 | 32 |
| 74 | Axial 4,4â€²,6,6â€²-Tetrakis-trifluoromethyl-biphenyl-2,2â€²-diamine (TF-BIPHAM): Resolution and Applications in Asymmetric Hydrogenation. Organic Letters, 2008, 10, 4711-4714. | 4.6 | 30 |
| 75 | Copper(I)â€Catalyzed Asymmetric Desymmetrization through Inverseâ€Electronâ€Demand azaâ€Dielsâ€“Alder Reaction: Efficient Access to Tetrahydropyridazines Bearing a Unique Î±â€Chiral Silane Moiety. Chemistry - A European Journal, 2017, 23, 4995-4999. | 3.3 | 28 |
| 76 | Copper(I)-Catalyzed Asymmetric 1,3-Dipolar Cycloaddition of Azomethine Ylides with Fluorinated Imines: The Expanded Scope and Mechanism Insights. Journal of Organic Chemistry, 2018, 83, 11814-11824. | 3.2 | 26 |
| 77 | Kinetic Resolution of Alkylidene Norcamphors via a Ligand-Controlled Umpolung-Type 1,3-Dipolar Cycloaddition. IScience, 2019, 11, 146-159. | 4.1 | 25 |
| 78 | Highly Enantioselective Allylation of Arylaldehydes Catalyzed by a Silver(I)-Chiral Binaphthylthiophosphoramide. European Journal of Organic Chemistry, 2003, 2003, 2823-2828. | 2.4 | 24 |
| 79 | Catalytic Asymmetric Construction of Azabicyclo[2.2.1]heptanes Bearing Two Quaternary Stereogenic Centers via Silver(I)-Catalyzed 1,3-Dipolar CycloÂaddition of Cyclic Azomethine Ylides. Synlett, 2014, 25, 2733-2737. | 1.8 | 24 |
| 80 | Asymmetric synthesis of quaternary Î±-trifluoromethyl Î±-amino acids by Ir-catalyzed allylation followed by kinetic resolution. Chemical Communications, 2020, 56, 3333-3336. | 4.1 | 22 |
| 81 | Catalytic asymmetric synthesis of quaternary trifluoromethyl Î±- to Îµ-amino acid derivativesviaumpolung allylation/2-aza-Cope rearrangement. Chemical Science, 2020, 11, 10984-10990. | 7.4 | 21 |
| 82 | Copper(I)â€Catalyzed Oneâ€Pot Sequential [3+2]/[8+2] Annulations for the (Z)â€Selective Construction of Heterocyclic Diazabicyclo[5.3.0]decatrienes. Advanced Synthesis and Catalysis, 2017, 359, 1854-1859. | 4.3 | 20 |
| 83 | Synergistic Cu/Pd-catalyzed asymmetric allylation: a facile access to Î±-quaternary cysteine derivatives. Chemical Communications, 2021, 57, 6538-6541. | 4.1 | 19 |
| 84 | Organocatalytic asymmetric sulfa-Michael addition of thiols to trans-3,3,3-trifluoropropenyl phenyl sulfone. Tetrahedron Letters, 2013, 54, 4509-4511. | 1.4 | 18 |
| 85 | Cu(i)/TFâ€“BiphamPhos-catalyzed asymmetric 1,3-dipolar cycloaddition of azomethine ylides with dimethyl itaconate and 2-methyleneglutarate. RSC Advances, 2014, 4, 16899-16905. | 3.6 | 18 |
| 86 | Ir/Phaseâ€Transferâ€Catalysis Cooperatively Catalyzed Asymmetric Cascade Allylation/2â€azaâ€Cope Rearrangement: An Efficient Route to Homoallylic Amines from Aldimine Esters â€. Chinese Journal of Chemistry, 2020, 38, 82-86. | 4.9 | 18 |
| 87 | Copper(I)-Catalyzed Kinetic Resolution of exo-3-Oxodicyclopentadienes and endo-3-Oxodicyclopentadiene. Organic Letters, 2019, 21, 1191-1196. | 4.6 | 17 |
| 88 | Stereodivergent Synthesis of Enantioenriched Î³â€Butyrolactones Bearing Two Vicinal Stereocenters Enabled by Synergistic Copper and Iridium Catalysis. Angewandte Chemie, 2021, 133, 25134-25144. | 2.0 | 17 |
| 89 | Ag(I)-Catalyzed Kinetic Resolution of Cyclopentene-1,3-diones. Organic Letters, 2018, 20, 3482-3486. | 4.6 | 16 |
| 90 | Chiral Trifluoromethylated Pyrrolidines via Cuâ€“Catalyzed Asymmetric 1,3â€Dipolar Cycloaddition. Asian Journal of Organic Chemistry, 2020, 9, 1567-1570. | 2.7 | 16 |

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|---|---|---|---|
| 91 | Ir-Catalyzed Asymmetric Tandem Allylation/Iso-Pictetâ€“Spengler Cyclization Reaction for the Enantioselective Construction of Tetrahydro-Î³-carbolines. Organic Letters, 2021, 23, 706-710. | 4.6 | 16 |
| 92 | Palladium-Catalyzed Asymmetric Allylic Alkylation/Î±-Iminol Rearrangement: A Facile Access to 2-Spirocyclic-Indoline Derivatives. CCS Chemistry, 2022, 4, 1414-1428. | 7.8 | 16 |
| 93 | Stereodivergent synthesis via iridium-catalyzed asymmetric double allylic alkylation of cyanoacetate. Chemical Science, 2021, 12, 15882-15891. | 7.4 | 15 |
| 94 | Titanium(IV) Bromide and Boron(III) Tribromide Promoted Baylis-Hillman Reactions of Arylaldehydes with But-3-yn-2-one. Helvetica Chimica Acta, 2002, 85, 841. | 1.6 | 14 |
| 95 | Catalytic Asymmetric Benzylation of Azomethine Ylides Enabled by Synergistic Lewis Acid/Palladium Catalysis. Organic Letters, 2022, 24, 2573-2578. | 4.6 | 14 |
| 96 | A Facile Access to Piperidine Derivatives via Copper(I)-Catalyzed 1,3-Dipolar [6+3] Cycloadditions of Azomethine Ylides with Fulvenes. Synlett, 2014, 25, 461-465. | 1.8 | 13 |
| 97 | Sequential Irâ€Catalyzed Allylation/ 2â€azaâ€Cope Rearrangement Strategy for the Construction of Chiral Homoallylic Amines â€. Chinese Journal of Chemistry, 2020, 38, 807-811. | 4.9 | 13 |
| 98 | Cu-catalyzed endo-selective asymmetric 1,3-dipolar cycloaddition of azomethine ylides with ethenesulfonyl fluorides: Efficient access to chiral pyrrolidine-3-sulfonyl fluorides. Chinese Chemical Letters, 2021, 32, 4029-4032. | 9.0 | 13 |
| 99 | 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. Organic Letters, 2016, 18, 6288-6291. | 4.6 | 12 |
| 100 | Visibleâ€Lightâ€Enabled Enantioconvergent Synthesis of Î±â€Amino Acid Derivatives via Synergistic BrÃ¸nsted Acid/Photoredox Catalysis. Angewandte Chemie, 2021, 133, 4748-4754. | 2.0 | 12 |
| 101 | Diastereoselective synthesis of functionalized tetrahydropyridazines containing indole scaffolds via an inverse-electron-demand aza-Dielsâ€“Alder reaction. Organic Chemistry Frontiers, 2021, 8, 4392-4398. | 4.5 | 12 |
| 102 | Synthesis of bioactive fluoropyrrolidinesviacopper(<scp>i</scp>)-catalysed asymmetric 1,3-dipolar cycloaddition of azomethine ylides. Chemical Science, 2022, 13, 1398-1407. | 7.4 | 12 |
| 103 | Stereodivergent Synthesis of Carbocyclic Quaternary <scp>Î±â€Amino</scp> Acid Derivatives Containing Two Contiguous Stereocenters. Chinese Journal of Chemistry, 2022, 40, 1059-1065. | 4.9 | 12 |
| 104 | Recent advances in catalytic asymmetric aza-Cope rearrangement. Chemical Communications, 2021, 57, 10469-10483. | 4.1 | 11 |
| 105 | Catalytic asymmetric synthesis of enantioenriched Î±-deuterated pyrrolidine derivatives. Chemical Science, 2022, 13, 4041-4049. | 7.4 | 10 |
| 106 | Dysprosium(III)â€Catalyzed Ringâ€Opening of mesoâ€Epoxides: Desymmetrization by Remote Stereocontrol in a Thiolysis/Elimination Sequence. Angewandte Chemie, 2016, 128, 5923-5927. | 2.0 | 9 |
| 107 | Copper(<scp>i</scp>)/TF-BiphamPhos catalyzed asymmetric nitroso Dielsâ€“Alder reaction. Chemical Communications, 2017, 53, 1657-1659. | 4.1 | 9 |
| 108 | Chiral Ugi-Type Amines: Practical Synthesis, Ligand Development, and Asymmetric Catalysis. ACS Catalysis, 2020, 10, 12954-12959. | 11.2 | 9 |

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| 109 | A new entry to highly functionalized pyrroles via a cascade reaction of Î±-amino esters and alkynals. Chemical Communications, 2020, 56, 9691-9694. | 4.1 | 8 |
| 110 | Asymmetric Synthesis of Chiral Aza-macrodiolides via Iridium-Catalyzed Cascade Allylation/Macrolactonization. Organic Letters, 2022, 24, 2579-2584. | 4.6 | 8 |
| 111 | Stereodivergent Construction of 1,4â€Nonadjacent Stereocenters via Hydroalkylation of Racemic Allylic Alcohols Enabled by Copper/Ruthenium Relay Catalysis. Angewandte Chemie, 2022, 134, . | 2.0 | 8 |
| 112 | Iridium-catalyzed asymmetric double allylic alkylation of azlactone: efficient access to chiral Î±-amino acid derivatives. Chemical Communications, 2022, 58, 3142-3145. | 4.1 | 5 |
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| 114 | Copper-catalyzed asymmetric propargylic substitution with salicylaldehyde-derived imine esters. Chemical Communications, 2022, 58, 8552-8555. | 4.1 | 2 |
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