

# Xiaoming Feng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6100911/publications.pdf>

Version: 2024-02-01

443  
papers

22,209  
citations

9428

76  
h-index

25230

113  
g-index

466  
all docs

466  
docs citations

466  
times ranked

9413  
citing authors

| #  | ARTICLE                                                                                                                                                                                                                                       | IF  | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1  | Regio- and enantioselective conjugate addition of $\hat{\text{I}}^2$ -nitro $\hat{\text{I}}^2$ -unsaturated carbonyls to construct 3-alkenyl disubstituted oxindoles. Chinese Chemical Letters, 2023, 34, 107487.                             | 4.8 | 11        |
| 2  | Effect of the Biomimetic Spine-Covered Protrusions (BSCPs) Height and Arrangement on SUBOFF Bare Hull Model Drag. Arabian Journal for Science and Engineering, 2023, 48, 2873-2888.                                                           | 1.7 | 1         |
| 3  | Organocatalytic Stereoselective [8+2] Cycloaddition of Tropones with Azlactones. CCS Chemistry, 2022, 4, 650-659.                                                                                                                             | 4.6 | 16        |
| 4  | Synthesis of Dihydroisoquinoline and Dihydropyridine Derivatives via Asymmetric Dearomative Three-Component Reaction. CCS Chemistry, 2022, 4, 2000-2008.                                                                                      | 4.6 | 31        |
| 5  | Focus on Bioinspired Textured Surfaces toward Fluid Drag Reduction: Recent Progresses and Challenges. Advanced Engineering Materials, 2022, 24, 2100696.                                                                                      | 1.6 | 34        |
| 6  | Asymmetric catalytic nitroxylation and azidation of $\hat{\text{I}}^2$ -keto amides/esters with hypervalent iodine reagents. Organic Chemistry Frontiers, 2022, 9, 703-708.                                                                   | 2.3 | 10        |
| 7  | Synthesis of chiral pyridine-oxazolines <i>via</i> a catalytic asymmetric Heine reaction of <i>meso</i> -N-(2-picolinoyl)-aziridines. Organic Chemistry Frontiers, 2022, 9, 1531-1535.                                                        | 2.3 | 4         |
| 8  | Diastereodivergent Synthesis of Chiral $\hat{\text{I}}^2$ -Aminoketones via a Catalytic $\text{O}^{\text{H}}$ Insertion/Barnes-Claisen Rearrangement Reaction. ACS Catalysis, 2022, 12, 1784-1790.                                            | 5.5 | 14        |
| 9  | Asymmetric Catalytic Rearrangements with $\hat{\text{I}}^2$ -Diazocarbonyl Compounds. Accounts of Chemical Research, 2022, 55, 415-428.                                                                                                       | 7.6 | 116       |
| 10 | Asymmetric synthesis of isochromanone derivatives <i>via</i> trapping carboxylic oxonium ylides and aldol cascade. Chemical Science, 2022, 13, 1163-1168.                                                                                     | 3.7 | 5         |
| 11 | Rheological Properties and Drag Reduction Performance of Puffer Epidermal Mucus. ACS Biomaterials Science and Engineering, 2022, 8, 460-469.                                                                                                  | 2.6 | 10        |
| 12 | Enantioselective formal [2 + 2 + 2] cycloaddition of 1,3,5-triazinanes to construct tetrahydropyrimidin-4-one derivatives. Chemical Communications, 2022, 58, 1001-1004.                                                                      | 2.2 | 6         |
| 13 | Numerical-Experimental Study on the Influence of the Biomimetic Spine-Covered Protrusions (BSCPs) Structure on the Base Pressure and Near-Wake Flow of Underwater Vehicles. Arabian Journal for Science and Engineering, 2022, 47, 6821-6835. | 1.7 | 1         |
| 14 | Bimetallic Palladium/Cobalt Catalysis for Enantioselective Allylic $\text{C}^{\text{H}}$ Alkylation via a Transient Chiral Nucleophile Strategy. Angewandte Chemie - International Edition, 2022, 61, .                                       | 7.2 | 26        |
| 15 | Enantioselective Synthesis of Azetidines through [3 + 1]-Cycloaddition of Donor-Acceptor Aziridines with Isocyanides. Organic Letters, 2022, 24, 1513-1517.                                                                                   | 2.4 | 14        |
| 16 | Recent advances in bioinspired superhydrophobic ice-proof surfaces: challenges and prospects. Nanoscale, 2022, 14, 5960-5993.                                                                                                                 | 2.8 | 23        |
| 17 | Enantioselective [1,2]-Stevens rearrangement of thiosulfonates to construct dithio-substituted quaternary carbon centers. Chemical Science, 2022, 13, 4103-4108.                                                                              | 3.7 | 13        |
| 18 | Catalytic asymmetric transformation of nitrones and allenes to dihydropyridinoindoles <i>via</i> chiral <i>N</i> , <i>N</i> - $\hat{\text{I}}^2$ -dioxide/cobalt( $\text{scp}$ ) catalysis. Chemical Communications, 2022, 58, 5482-5485.     | 2.2 | 6         |

| #  | ARTICLE                                                                                                                                                                                                                                                  | IF  | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Catalytic asymmetric synthesis of chiral azo compounds via interrupted Japp-Klingemann reaction with aryldiazonium salts. <i>Science China Chemistry</i> , 2022, 65, 546-553.                                                                            | 4.2 | 16        |
| 20 | Water enables diastereodivergency in bispidine-based chiral amine-catalyzed asymmetric Mannich reaction of cyclic <i>N</i> -sulfonyl ketimines with ketones. <i>Chemical Science</i> , 2022, 13, 4313-4320.                                              | 3.7 | 6         |
| 21 | Asymmetric Catalytic (2+1) Cycloaddition of Thioketones to Synthesize Tetrasubstituted Thiiranes. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .                                                                                         | 7.2 | 14        |
| 22 | Catalytic asymmetric amination of azlactones with azobenzenes. <i>Chemical Communications</i> , 2022, 58, 5881-5884.                                                                                                                                     | 2.2 | 3         |
| 23 | Enantioselective construction of <i>cis</i> -hydroindole scaffolds via an asymmetric inverse-electron-demand Diels-Alder reaction: application to the formal total synthesis of (+)-minovincine. <i>Chemical Science</i> , 2022, 13, 5562-5567.          | 3.7 | 17        |
| 24 | Visible-Light-Activated Asymmetric Addition of Hydrocarbons to Pyridine-Based Ketones. <i>ACS Catalysis</i> , 2022, 12, 5136-5144.                                                                                                                       | 5.5 | 21        |
| 25 | Photoinduced Chemo-, Site- and Stereoselective $\alpha$ -C(sp <sup>3</sup> )-H Functionalization of Sulfides. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .                                                                             | 7.2 | 21        |
| 26 | Asymmetric Catalytic $\alpha$ -Selective Allylation of Ketones with Allyltrifluoroborates Using Dual-Functional Chiral $\text{In}^{\text{III}}$ - <i>N,N</i> - $\text{N}^2$ -Dioxide Complex. <i>Chinese Journal of Chemistry</i> , 2022, 40, 1793-1798. | 2.6 | 11        |
| 27 | Frontispiece: Asymmetric Catalytic (2+1) Cycloaddition of Thioketones to Synthesize Tetrasubstituted Thiiranes. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .                                                                           | 7.2 | 2         |
| 28 | Frontispiz: Asymmetric Catalytic (2+1) Cycloaddition of Thioketones to Synthesize Tetrasubstituted Thiiranes. <i>Angewandte Chemie</i> , 2022, 134, .                                                                                                    | 1.6 | 0         |
| 29 | Stereodivergent total synthesis of rocaglaol initiated by synergistic dual-metal-catalyzed asymmetric allylation of benzofuran-3(2H)-one. <i>Chem</i> , 2022, 8, 2011-2022.                                                                              | 5.8 | 55        |
| 30 | Catalytic Regio- and Enantioselective Protonation for the Synthesis of Chiral Allenes: Synergistic Effect of the Counterion and Water. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202203650.                                          | 7.2 | 17        |
| 31 | Catalytic Regio- and Enantioselective Protonation for the Synthesis of Chiral Allenes: Synergistic Effect of the Counterion and Water. <i>Angewandte Chemie</i> , 2022, 134, .                                                                           | 1.6 | 4         |
| 32 | Rücktitelbild: Catalytic Regio- and Enantioselective Protonation for the Synthesis of Chiral Allenes: Synergistic Effect of the Counterion and Water ( <i>Angew. Chem.</i> 27/2022). <i>Angewandte Chemie</i> , 2022, 134, .                             | 1.6 | 0         |
| 33 | Nickel-catalyzed asymmetric photoenolization/Mannich reaction of (2-alkylphenyl) ketones. <i>Chemical Science</i> , 2022, 13, 8576-8582.                                                                                                                 | 3.7 | 8         |
| 34 | Asymmetric synthesis of chromanone lactones via vinylogous conjugate addition of butenolide to 2-ester chromones. <i>Chemical Science</i> , 2022, 13, 8871-8875.                                                                                         | 3.7 | 10        |
| 35 | Coupled Bionic Drag-Reducing Surface Covered by Conical Protrusions and Elastic Layer Inspired from Pufferfish Skin. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 32747-32760.                                                              | 4.0 | 9         |
| 36 | Asymmetric Catalytic Reactions of Donor-Acceptor Cyclopropanes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 9192-9204.                                                                                                                  | 7.2 | 113       |

| #  | ARTICLE                                                                                                                                                                                       | IF  | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Multisubstituted pyrazole synthesis via [3+2] cycloaddition/rearrangement/N H insertion cascade reaction of $\alpha$ -diazoesters and ynones. Chinese Chemical Letters, 2021, 32, 132-135.    | 4.8 | 22        |
| 38 | Catalytic asymmetric formal [3+2] cycloaddition of isatogens with azlactones to construct indolin-3-one derivatives. Chemical Communications, 2021, 57, 239-242.                              | 2.2 | 19        |
| 39 | Asymmetric Catalytic Reactions of Donor-Acceptor Cyclopropanes. Angewandte Chemie, 2021, 133, 9276-9288.                                                                                      | 1.6 | 24        |
| 40 | Catalytic asymmetric addition of thiols to silyl glyoxylates for synthesis of multi-hetero-atom substituted carbon stereocenters. Chemical Science, 2021, 12, 7498-7503.                      | 3.7 | 7         |
| 41 | Asymmetric catalytic [4+3] cycloaddition of <i>ortho</i> -quinone methides with oxiranes. Chemical Communications, 2021, 57, 3018-3021.                                                       | 2.2 | 23        |
| 42 | Catalytic asymmetric synthesis of spirocyclobutyl oxindoles and beyond <i>via</i> [2+2] cycloaddition and sequential transformations. Chemical Science, 2021, 12, 9991-9997.                  | 3.7 | 22        |
| 43 | Catalytic enantioselective synthesis of macrodiolides and their application in chiral recognition. Chemical Science, 2021, 12, 2940-2947.                                                     | 3.7 | 12        |
| 44 | Chiral Lewis acid-bonded picolinaldehyde enables enantiodivergent carbonyl catalysis in the Mannich/condensation reaction of glycine ester. Chemical Science, 2021, 12, 4353-4360.            | 3.7 | 21        |
| 45 | Organocatalytic asymmetric synthesis of benzothiazolopyrimidines <i>via</i> a [4 + 2] cycloaddition of azlactones with 2-benzothiazolimines. Organic Chemistry Frontiers, 2021, 8, 5705-5709. | 2.3 | 16        |
| 46 | Catalytic asymmetric multicomponent reactions of isocyanide, isothiocyanate and alkylidene malonates. Chemical Communications, 2021, 57, 7288-7291.                                           | 2.2 | 4         |
| 47 | Catalytic Asymmetric Homologation of Ketones with $\alpha$ -Alkyl $\alpha$ -Diazo Esters. Journal of the American Chemical Society, 2021, 143, 2394-2402.                                     | 6.6 | 53        |
| 48 | Catalytic asymmetric [3+2] cycloaddition of isom <sup>1</sup> / <sub>4</sub> nchnones with methyleneindolinones. Chemical Communications, 2021, 57, 8917-8920.                                | 2.2 | 6         |
| 49 | Enantioselective [4 + 2] Cycloaddition/Cyclization Cascade Reaction and Total Synthesis of <i>cis</i> -Bis(cyclotryptamine) Alkaloids. Organic Letters, 2021, 23, 1856-1861.                  | 2.4 | 19        |
| 50 | Biomimetic Slippery PDMS Film with Papillae-Like Microstructures for Antifogging and Self-Cleaning. Coatings, 2021, 11, 238.                                                                  | 1.2 | 7         |
| 51 | Catalytic Asymmetric Hydroacyloxylation/Ring-Opening Reaction of Ynamides, Acids, and Aziridines. Organic Letters, 2021, 23, 2954-2958.                                                       | 2.4 | 8         |
| 52 | Chiral Cobalt(II) Complex Catalyzed Asymmetric [2,3]-Sigmatropic Rearrangement of Allylic Selenides with $\alpha$ -Diazo Pyrazoleamides. CCS Chemistry, 2021, 3, 1423-1433.                   | 4.6 | 26        |
| 53 | Catalytic asymmetric Nakamura reaction by gold(I)/chiral N,N <sup>1</sup> -dioxide-indium(III) or nickel(II) synergistic catalysis. Nature Communications, 2021, 12, 3012.                    | 5.8 | 22        |
| 54 | Asymmetric Catalytic Vinylogous Addition Reactions Initiated by Meinwald Rearrangement of Vinyl Epoxides. Angewandte Chemie - International Edition, 2021, 60, 14521-14527.                   | 7.2 | 24        |

| #  | ARTICLE                                                                                                                                                                                                                 | IF  | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | Investigation of the Turbulent Boundary Layer Structure over a Sparsely Spaced Biomimetic Spine-Covered Protrusion Surface. <i>ACS Omega</i> , 2021, 6, 14220-14229.                                                    | 1.6 | 3         |
| 56 | Asymmetric Catalytic Vinylogous Addition Reactions Initiated by Meinwald Rearrangement of Vinyl Epoxides. <i>Angewandte Chemie</i> , 2021, 133, 14642-14648.                                                            | 1.6 | 7         |
| 57 | Enantioselective Synthesis of $\alpha$ -Substituted $\beta$ -Amino- $\alpha$ -Indoles by Amination with Anilines. <i>Chemistry - A European Journal</i> , 2021, 27, 9272-9275.                                          | 1.7 | 13        |
| 58 | Enantioselective Formal Vinylogous N-H Insertion of Secondary Aliphatic Amines Catalyzed by a High-Spin Cobalt(II) Complex. <i>Journal of the American Chemical Society</i> , 2021, 143, 9648-9656.                     | 6.6 | 41        |
| 59 | Numerical analysis of drag reduction characteristics of biomimetic puffer skin: Effect of spinal arrangement. <i>AIP Advances</i> , 2021, 11, .                                                                         | 0.6 | 4         |
| 60 | Asymmetric catalytic 1,3-dipolar cycloaddition of $\alpha$ -diazoesters for synthesis of 1-pyrazoline-based spirochromanones and beyond. <i>Science China Chemistry</i> , 2021, 64, 1355-1360.                          | 4.2 | 24        |
| 61 | Enantioselective Isocyanide-based Multicomponent Reaction with Alkylidene Malonates and Phenols. <i>Organic Letters</i> , 2021, 23, 5261-5265.                                                                          | 2.4 | 9         |
| 62 | Asymmetric Catalytic Concise Synthesis of Hetero-3,3'-Bisoxindoles for the Construction of Bispyrroloindoline Alkaloids. <i>CCS Chemistry</i> , 2021, 3, 1894-1902.                                                     | 4.6 | 30        |
| 63 | Iron-Catalyzed Enantioselective Radical Carboazidation and Diazidation of $\alpha,\beta$ -Unsaturated Carbonyl Compounds. <i>Journal of the American Chemical Society</i> , 2021, 143, 11856-11863.                     | 6.6 | 50        |
| 64 | Asymmetric Catalytic Epoxidation of Terminal Enones for the Synthesis of Triazole Antifungal Agents. <i>Organic Letters</i> , 2021, 23, 6961-6966.                                                                      | 2.4 | 14        |
| 65 | Asymmetric Catalytic Synthesis of Hexahydropyrroloisoquinolines via Three-Component 1,3-Dipolar Cycloaddition. <i>Chemistry - A European Journal</i> , 2021, 27, 14841-14845.                                           | 1.7 | 13        |
| 66 | Coupled Superhydrophilic PMMA Film with Inverted Pyramid Microstructures for Antireflection and Antifogging Properties. <i>Coatings</i> , 2021, 11, 1107.                                                               | 1.2 | 1         |
| 67 | Experimental Investigations of the Turbulent Boundary Layer for Biomimetic Protrusive Surfaces Inspired by Pufferfish Skin: Effects of Spinal Density and Diameter. <i>Langmuir</i> , 2021, 37, 11804-11817.            | 1.6 | 9         |
| 68 | Thriving artificial underwater drag-reduction materials inspired from aquatic animals: progresses and challenges. <i>RSC Advances</i> , 2021, 11, 3399-3428.                                                            | 1.7 | 32        |
| 69 | Asymmetric synthesis of dihydro-1,3-dioxepines by Rh( <i>II</i> )/Sm( <i>III</i> ) relay catalytic three-component tandem [4 + 3]-cycloaddition. <i>Chemical Science</i> , 2021, 12, 5458-5463.                         | 3.7 | 17        |
| 70 | Experimental Investigations of the Turbulent Boundary Layer for Biomimetic Surface with Spine-Covered Protrusion Inspired by Pufferfish Skin. <i>Arabian Journal for Science and Engineering</i> , 2021, 46, 2865-2875. | 1.7 | 8         |
| 71 | Enantioselective Nucleophilic Aromatic Substitution Reaction of Azlactones to Synthesize Quaternary $\alpha$ -Amino Acid Derivatives. <i>Synlett</i> , 2021, 32, 587-592.                                               | 1.0 | 3         |
| 72 | Asymmetric cycloisomerization/[3 + 2] cycloaddition for the synthesis of chiral spiroisobenzofuran-1,3'-pyrrolidine derivatives. <i>Organic Chemistry Frontiers</i> , 2021, 8, 6874-6880.                               | 2.3 | 7         |

| #  | ARTICLE                                                                                                                                                                                                                  | IF  | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 73 | Diastereo- and Enantioselective Synthesis of 3-Allyl-3-hydroxyoxindoles via Allylation of Isatins. <i>Organic Letters</i> , 2021, 23, 8419-8423.                                                                         | 2.4 | 13        |
| 74 | Catalytic Asymmetric Halogenation/Semipinacol Rearrangement of 3-Hydroxy-3-vinyl Oxindoles: A Stereodivergent Kinetic Resolution Process. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 26599-26603.      | 7.2 | 18        |
| 75 | Catalytic Asymmetric Halogenation/Semipinacol Rearrangement of 3-Hydroxy-3-vinyl Oxindoles: A Stereodivergent Kinetic Resolution Process. <i>Angewandte Chemie</i> , 2021, 133, 26803.                                   | 1.6 | 3         |
| 76 | Enantioselective Synthesis of Nitriles Containing a Quaternary Carbon Center by Michael Reactions of Silyl Ketene Imines with 1-Acylpyrazoles. <i>Journal of the American Chemical Society</i> , 2021, 143, 19091-19098. | 6.6 | 20        |
| 77 | Asymmetric synthesis of dihydrocarbazoles through a Friedel-Crafts alkylation/annulation sequential reaction of indoles. <i>Chemical Communications</i> , 2021, 57, 13138-13141.                                         | 2.2 | 6         |
| 78 | Chiral Sc <sup>III</sup> -Dioxido-Catalyzed 1,3-Dipolar Cycloaddition of Diaziridines with Chalcones. <i>Organic Letters</i> , 2020, 22, 93-97.                                                                          | 2.4 | 25        |
| 79 | A Bispidine-Based Chiral Amine Catalyst for Asymmetric Mannich Reaction of Ketones with Isatin Ketimines. <i>Organic Letters</i> , 2020, 22, 8708-8713.                                                                  | 2.4 | 17        |
| 80 | Lewis acid catalysed asymmetric cascade reaction of cyclopropyl ketones: concise synthesis of pyrrolobenzothiazoles. <i>Chemical Communications</i> , 2020, 56, 13429-13432.                                             | 2.2 | 16        |
| 81 | Catalytic asymmetric synthesis of 3,2-pyrrolyl spirooxindoles via conjugate addition/Schmidt-type rearrangement of vinyl azides and (E)-alkenyloxindoles. <i>Chemical Science</i> , 2020, 11, 11492-11497.               | 3.7 | 14        |
| 82 | Nickel-catalyzed asymmetric thio-Claisen rearrangement of $\beta$ -diazo pyrazoleamides with thioindoles. <i>Chemical Communications</i> , 2020, 56, 10002-10005.                                                        | 2.2 | 21        |
| 83 | Lewis acid-catalyzed asymmetric reactions of $\beta,\beta$ -unsaturated 2-acyl imidazoles. <i>Nature Communications</i> , 2020, 11, 3869.                                                                                | 5.8 | 24        |
| 84 | Enantioselective dicarbofunctionalization of (E)-alkenyloxindoles with pyridinium salts by chiral Lewis acid/photo relay catalysis. <i>Chemical Communications</i> , 2020, 56, 12757-12760.                              | 2.2 | 6         |
| 85 | Chiral Fe complex catalyzed enantioselective [1,3] O-to-C rearrangement of alkyl vinyl ethers and synthesis of chromanols and beyond. <i>Chemical Science</i> , 2020, 11, 10101-10106.                                   | 3.7 | 10        |
| 86 | Asymmetric Catalytic Synthesis of Epoxides via Three-Component Reaction of Diazoacetates, 2-Oxo-3-ynoates, and Nitrosoarenes. <i>Organic Letters</i> , 2020, 22, 6744-6749.                                              | 2.4 | 10        |
| 87 | Diversified Transformations of Tetrahydroindolizines to Construct Chiral 3-Arylindolizines and Dicarbofunctionalized 1,5-Diketones. <i>Journal of the American Chemical Society</i> , 2020, 142, 15975-15985.            | 6.6 | 58        |
| 88 | Catalytic Asymmetric Three-component Hydroacyloxylation/ 1,4-Conjugate Addition of Ynamides. <i>Chemistry - an Asian Journal</i> , 2020, 15, 1953-1956.                                                                  | 1.7 | 10        |
| 89 | Catalytic Asymmetric Addition Reactions of Formaldehyde <i>N,N</i> -Dialkylhydrazone to Synthesize Chiral Nitrile Derivatives. <i>Organic Letters</i> , 2020, 22, 5217-5222.                                             | 2.4 | 13        |
| 90 | Catalytic Asymmetric Acyloin Rearrangements of $\beta$ -Ketols, $\beta$ -Hydroxy Aldehydes, and $\beta$ -Iminols by <i>N,N</i> -Dioxido-Metal Complexes. <i>Organic Letters</i> , 2020, 22, 5041-5045.                   | 2.4 | 26        |

| #   | ARTICLE                                                                                                                                                                               | IF  | CITATIONS |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 91  | A chiral cobalt( <i>iii</i> ) complex catalyzed enantioselective aza-Piancatelli rearrangement/Diels-Alder cascade reaction. <i>Chemical Science</i> , 2020, 11, 3862-3867.           | 3.7 | 24        |
| 92  | Research on the drag reduction property of puffer ( <i>Takifugu flavidus</i> ) spinal nonsmooth structure surface. <i>Microscopy Research and Technique</i> , 2020, 83, 795-803.      | 1.2 | 12        |
| 93  | Asymmetric Catalytic Diverse Ring Opening/Cycloadditions of Cyclobutenones with (E)-Alkenyloxindoles and (E)-Dioxopyrrolidines. <i>Organic Letters</i> , 2020, 22, 2645-2650.         | 2.4 | 26        |
| 94  | Kinetic Resolution of Propargylic Ethers via [2,3]-Wittig Rearrangement to Synthesize Chiral $\beta$ -Hydroxyallenes. <i>Organic Letters</i> , 2020, 22, 2692-2696.                   | 2.4 | 8         |
| 95  | Asymmetric Synthesis of Axially Chiral Anilides via Organocatalytic Atroposelective N-Acylation. <i>Organic Letters</i> , 2020, 22, 5331-5336.                                        | 2.4 | 31        |
| 96  | Chiral N,N-dioxide/Mg(OTf) <sub>2</sub> complex-catalyzed asymmetric [2,3]-rearrangement of in situ generated ammonium salts. <i>Chemical Science</i> , 2020, 11, 3068-3073.          | 3.7 | 15        |
| 97  | Tandem Insertion-[1,3]-Rearrangement: Highly Enantioselective Construction of $\beta$ -Aminoketones. <i>Angewandte Chemie</i> , 2020, 132, 8129-8133.                                 | 1.6 | 12        |
| 98  | Tandem Insertion-[1,3]-Rearrangement: Highly Enantioselective Construction of $\beta$ -Aminoketones. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8052-8056.          | 7.2 | 47        |
| 99  | Chiral N,N-dioxide-iron( <i>iii</i> )-catalyzed asymmetric sulfoxidation with hydrogen peroxide. <i>Chemical Communications</i> , 2020, 56, 3233-3236.                                | 2.2 | 16        |
| 100 | Catalytic Asymmetric Tandem Cycloisomerization/[5+2] Cycloaddition Reaction of <i>N</i> -Aryl Nitroalkynes with Methyleneindolinones. <i>Organic Letters</i> , 2020, 22, 1034-1039.   | 2.4 | 20        |
| 101 | Rapid Fabrication of Bio-inspired Antireflection Film Replicating From Cicada Wings. <i>Journal of Bionic Engineering</i> , 2020, 17, 34-44.                                          | 2.7 | 27        |
| 102 | Enantioselective Imino-Ene Reaction of <i>N</i> -Sulfonyl Ketimines with Silyl Enol Ethers: Access to Chiral Benzosultams. <i>Organic Letters</i> , 2020, 22, 1390-1395.              | 2.4 | 13        |
| 103 | An asymmetric hydrocyanation/Michael reaction of $\beta$ -diazoacetates <i>via</i> Cu( <i>iii</i> )/chiral guanidine catalysis. <i>Chemical Communications</i> , 2020, 56, 2155-2158. | 2.2 | 14        |
| 104 | Enantioselective Radical-Polar Crossover Reactions of Indanonecarboxamides with Alkenes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 4846-4850.                      | 7.2 | 15        |
| 105 | Enantioselective Radical-Polar Crossover Reactions of Indanonecarboxamides with Alkenes. <i>Angewandte Chemie</i> , 2020, 132, 4876-4880.                                             | 1.6 | 4         |
| 106 | Catalytic Asymmetric Halohydroxylation of $\beta$ -Unsaturated Ketones with Water as the Nucleophile. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 1982-1987.                 | 2.1 | 22        |
| 107 | Bimetallic Catalytic Tandem Reaction of Acyclic Enynones: Enantioselective Access to Tetrahydrobenzofuran Derivatives. <i>Organic Letters</i> , 2020, 22, 3551-3556.                  | 2.4 | 22        |
| 108 | Chiral $\beta$ -dioxide and their metal complexes in asymmetric catalysis. <i>Chinese Science Bulletin</i> , 2020, 65, 2941-2951.                                                     | 0.4 | 31        |



| #   | ARTICLE                                                                                                                                                                                                                         | IF  | CITATIONS |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 109 | Organocatalytic Asymmetric Michael/Dieckmann Cyclization Reaction of Alkynones To Construct Spirocyclopentene Oxindoles. <i>Organic Letters</i> , 2019, 21, 6897-6902.                                                          | 2.4 | 22        |
| 110 | Asymmetric Catalytic Formal 1,4-Allylation of $\alpha,\beta$ -Unsaturated $\alpha$ -Ketoesters: Allylboration/Oxy-Cope Rearrangement. <i>Angewandte Chemie</i> , 2019, 131, 11972-11977.                                        | 1.6 | 8         |
| 111 | Asymmetric Catalytic [2,3]-Stevens and Sommelet-Hauser Rearrangements of $\alpha$ -Diazo Pyrazoleamides with Sulfides. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13492-13498.                                | 7.2 | 52        |
| 112 | Kinetic Resolution of Aziridines via Catalytic Asymmetric Ring-Opening Reaction with Mercaptobenzothiazoles. <i>Organic Letters</i> , 2019, 21, 5928-5932.                                                                      | 2.4 | 11        |
| 113 | Diastereo- and Enantioselective 1,6-Conjugate Addition of 2-Azaarylacetamides to <i>para</i> -Quinone Methides. <i>Organic Letters</i> , 2019, 21, 6063-6067.                                                                   | 2.4 | 24        |
| 114 | Divergent Synthesis of Enantioenriched $\beta$ -Functional Amines via Desymmetrization of meso-Aziridines with Isocyanides. <i>Organic Letters</i> , 2019, 21, 6096-6101.                                                       | 2.4 | 32        |
| 115 | Enantioselective Synthesis of Hydrothiazole Derivatives via an Isocyanide-Based Multicomponent Reaction. <i>Organic Letters</i> , 2019, 21, 8771-8775.                                                                          | 2.4 | 21        |
| 116 | Phragmites Communis Leaves with Anisotropy, Superhydrophobicity and Self-Cleaning Effect and Biomimetic Polydimethylsiloxane (PDMS) Replicas. <i>Coatings</i> , 2019, 9, 541.                                                   | 1.2 | 6         |
| 117 | Asymmetric Synthesis of Oxa-Bridged Oxazocines through a Catalytic Rh <sup>II</sup> /Zn <sup>II</sup> Relay [4+3] Cycloaddition Reaction. <i>Angewandte Chemie</i> , 2019, 131, 18609-18613.                                    | 1.6 | 5         |
| 118 | Asymmetric Synthesis of Oxa-Bridged Oxazocines through a Catalytic Rh <sup>II</sup> /Zn <sup>II</sup> Relay [4+3] Cycloaddition Reaction. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18438-18442.             | 7.2 | 34        |
| 119 | Asymmetric Catalytic [2,3]-Stevens and Sommelet-Hauser Rearrangements of $\alpha$ -Diazo Pyrazoleamides with Sulfides. <i>Angewandte Chemie</i> , 2019, 131, 13626-13632.                                                       | 1.6 | 10        |
| 120 | Catalytic Asymmetric Construction of $\beta$ -Azido Amides and Esters via Haloazidation. <i>Organic Letters</i> , 2019, 21, 1170-1175.                                                                                          | 2.4 | 28        |
| 121 | Bimetallic Catalytic Asymmetric Tandem Reaction of $\alpha$ -Alkynyl Ketones to Synthesize 6,6-Spiroketal. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4017-4021.                                              | 7.2 | 69        |
| 122 | Asymmetric construction of dihydrobenzofuran-2,5-dione derivatives <i>via</i> desymmetrization of <i>p</i> -quinols with azlactones. <i>Chemical Communications</i> , 2019, 55, 87-90.                                          | 2.2 | 31        |
| 123 | Reversal of enantioselectivity in chiral metal complex-catalyzed asymmetric reactions. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 6538-6550.                                                                         | 1.5 | 38        |
| 124 | Asymmetric Catalytic Formal 1,4-Allylation of $\alpha,\beta$ -Unsaturated $\alpha$ -Ketoesters: Allylboration/Oxy-Cope Rearrangement. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11846-11851.                 | 7.2 | 30        |
| 125 | Asymmetric Baeyer-Villiger oxidation: classical and parallel kinetic resolution of 3-substituted cyclohexanones and desymmetrization of <i>meso</i> -disubstituted cycloketones. <i>Chemical Science</i> , 2019, 10, 7003-7008. | 3.7 | 16        |
| 126 | Asymmetric Synthesis of $\alpha,\beta$ -Epoxy- $\beta$ -lactams through Tandem Darzens/Hemiaminalization Reaction. <i>Organic Letters</i> , 2019, 21, 4713-4716.                                                                | 2.4 | 17        |



| #   | ARTICLE                                                                                                                                                                                                            | IF  | CITATIONS |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 127 | Asymmetric synthesis of tetrazole and dihydroisoquinoline derivatives by isocyanide-based multicomponent reactions. <i>Nature Communications</i> , 2019, 10, 2116.                                                 | 5.8 | 67        |
| 128 | Asymmetric Synthesis of <i>P</i> -Stereogenic Compounds via Thulium(III)-Catalyzed Desymmetrization of Dialkynylphosphine Oxides. <i>ACS Catalysis</i> , 2019, 9, 4834-4840.                                       | 5.5 | 59        |
| 129 | Flexible Self-Cleaning Broadband Antireflective Film Inspired by the Transparent Cicada Wings. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 17019-17027.                                              | 4.0 | 67        |
| 130 | Enantioselective Synthesis of 4-Hydroxy-dihydrocoumarins via Catalytic Ring Opening/Cycloaddition of Cyclobutenones. <i>Organic Letters</i> , 2019, 21, 2388-2392.                                                 | 2.4 | 16        |
| 131 | Chiral Zinc(II)-Catalyzed Enantioselective Tandem $\alpha$ -Alkenyl Addition/Proton Shift Reaction of Silyl Enol Ethers with Ketimines. <i>Angewandte Chemie</i> , 2019, 131, 2486-2490.                           | 1.6 | 4         |
| 132 | A nickel( $\eta^2$ )-catalyzed asymmetric intramolecular Alder-ene reaction of 1,7-dienes. <i>Chemical Communications</i> , 2019, 55, 4479-4482.                                                                   | 2.2 | 16        |
| 133 | Chiral $N,N,N'$ -trioxide/Tm(OTf) <sub>3</sub> Complex-Catalyzed Asymmetric Bisvinyllogous Mannich Reaction of Silyl Ketene Acetal with Aldimines. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 2295-2300. | 2.1 | 8         |
| 134 | Enantioselective Vinyllogous Michael-Aldol Reaction To Synthesize Spirocyclohexene Pyrazolones in Aqueous Media. <i>Organic Letters</i> , 2019, 21, 1632-1636.                                                     | 2.4 | 38        |
| 135 | Titelbild: Diversified Cycloisomerization/Diels-Alder Reactions of 1,6-Enynes through Bimetallic Relay Asymmetric Catalysis ( <i>Angew. Chem.</i> 16/2019). <i>Angewandte Chemie</i> , 2019, 131, 5191-5191.       | 1.6 | 0         |
| 136 | Bimetallic Catalytic Asymmetric Tandem Reaction of $\alpha$ -Alkynyl Ketones to Synthesize 6,6-Spiroketal. <i>Angewandte Chemie</i> , 2019, 131, 4057-4061.                                                        | 1.6 | 21        |
| 137 | Diversified Cycloisomerization/Diels-Alder Reactions of 1,6-Enynes through Bimetallic Relay Asymmetric Catalysis. <i>Angewandte Chemie</i> , 2019, 131, 5381-5385.                                                 | 1.6 | 11        |
| 138 | Diversified Cycloisomerization/Diels-Alder Reactions of 1,6-Enynes through Bimetallic Relay Asymmetric Catalysis. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5327-5331.                          | 7.2 | 36        |
| 139 | Enantioselective carbene insertion into the N-H bond of benzophenone imine. <i>Chemical Science</i> , 2019, 10, 10305-10309.                                                                                       | 3.7 | 25        |
| 140 | Chiral Zinc(II)-Catalyzed Enantioselective Tandem $\alpha$ -Alkenyl Addition/Proton Shift Reaction of Silyl Enol Ethers with Ketimines. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2464-2468.    | 7.2 | 26        |
| 141 | Asymmetric Catalytic Halofunctionalization of $\alpha,\beta$ -Unsaturated Carbonyl Compounds. <i>Journal of Organic Chemistry</i> , 2019, 84, 1-13.                                                                | 1.7 | 47        |
| 142 | Lewis acid catalyzed asymmetric [4+2] cycloaddition of cyclobutenones to synthesize $\alpha,\beta$ -unsaturated $\gamma$ -lactones. <i>Chemical Communications</i> , 2018, 54, 3375-3378.                          | 2.2 | 20        |
| 143 | Efficient Catalytic Enantioselective Hydroxyamination of $\alpha$ -Aryl $\alpha$ -Cyanoacetates with $N$ -Nitrosopyridines. <i>Chemistry - A European Journal</i> , 2018, 24, 4289-4293.                           | 1.7 | 5         |
| 144 | Chiral Nickel(II) Complex Catalyzed Enantioselective Doyle-Kirmse Reaction of $\alpha$ -Diazo Pyrazoleamides. <i>Journal of the American Chemical Society</i> , 2018, 140, 3299-3305.                              | 6.6 | 113       |

| #   | ARTICLE                                                                                                                                                                                                                                                                                                                                | IF   | CITATIONS |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 145 | Asymmetric Catalytic Double Michael Additions for the Synthesis of Spirooxindoles. Chemistry - A European Journal, 2018, 24, 3703-3706.                                                                                                                                                                                                | 1.7  | 35        |
| 146 | Asymmetric ring-opening of cyclopropyl ketones with $\hat{I}^2$ -naphthols catalyzed by a chiral $\langle i \rangle N \langle /i \rangle, \langle i \rangle N \langle /i \rangle \hat{a}^2$ -dioxide $\hat{a}^2$ scandium ( $\langle scp \rangle iii \langle /scp \rangle$ ) complex. Organic Chemistry Frontiers, 2018, 5, 1293-1296. | 2.3  | 37        |
| 147 | Flourishing Bioinspired Antifogging Materials with Superwettability: Progresses and Challenges. Advanced Materials, 2018, 30, e1704652.                                                                                                                                                                                                | 11.1 | 161       |
| 148 | A chiral scandium-complex-catalyzed asymmetric inverse-electron-demand oxa-Diels $\hat{a}^2$ Alder reaction of $\langle i \rangle o \langle /i \rangle$ -quinone methides with fulvenes. Chemical Communications, 2018, 54, 74-77.                                                                                                     | 2.2  | 48        |
| 149 | Copper/guanidine-catalyzed asymmetric alkynylation of isatin-derived ketimines. Chemical Communications, 2018, 54, 678-681.                                                                                                                                                                                                            | 2.2  | 41        |
| 150 | Chiral $\langle i \rangle N, N \hat{a}^2 \langle /i \rangle \hat{a}^2$ -Dioxide/Sc $\langle sup \rangle \hat{I}^{TM} \hat{I}^{TM} \langle /sup \rangle$ Complex $\hat{a}^2$ Catalyzed Asymmetric Ring $\hat{a}^2$ Opening Reaction of Cyclopropyl Ketones with Indoles. Advanced Synthesis and Catalysis, 2018, 360, 2608-2612.        | 2.1  | 26        |
| 151 | Highly Regio $\hat{a}^2$ and Enantioselective Nitroso Diels $\hat{a}^2$ Alder Reaction of 1,3 $\hat{a}^2$ Diene $\hat{a}^2$ Carbamates Catalyzed by Chiral $\langle i \rangle N, N \hat{a}^2 \langle /i \rangle \hat{a}^2$ -Dioxide/Copper(II) Complex. Advanced Synthesis and Catalysis, 2018, 360, 186-191.                          | 2.1  | 7         |
| 152 | Asymmetric synthesis of 3-aminodihydrocoumarins $\langle i \rangle via \langle /i \rangle$ the chiral guanidine catalyzed cascade reaction of azlactones. Organic Chemistry Frontiers, 2018, 5, 32-35.                                                                                                                                 | 2.3  | 37        |
| 153 | Diastereodivergent asymmetric Michael-alkylation reactions using chiral $\langle i \rangle N \langle /i \rangle, \langle i \rangle N \langle /i \rangle \hat{a}^2$ -dioxide/metal complexes. Chemical Science, 2018, 9, 688-692.                                                                                                       | 3.7  | 43        |
| 154 | Nickel(ii)-catalyzed enantioselective $\hat{I}^{\pm}$ -alkylation of $\hat{I}^2$ -ketoamides with phenyliodonium ylide via a radical process. Chemical Communications, 2018, 54, 12254-12257.                                                                                                                                          | 2.2  | 17        |
| 155 | Catalytic enantioselective ene-type reactions of vinylogous hydrazone: construction of $\hat{I}^{\pm}$ -methylene- $\hat{I}^3$ -butyrolactone derivatives. Chemical Communications, 2018, 54, 12511-12514.                                                                                                                             | 2.2  | 19        |
| 156 | Duale Nickel $\hat{a}^2$ und Br $\hat{a}^2$ nsted $\hat{a}^2$ S $\hat{a}^2$ ure $\hat{a}^2$ Katalyse f $\hat{a}^2$ r Hydroalkenylierungen. Angewandte Chemie, 2018, 130, 16842-16844.                                                                                                                                                  | 1.6  | 1         |
| 157 | Dual Nickel and Br $\hat{a}^2$ nsted Acid Catalysis for Hydroalkenylation. Angewandte Chemie - International Edition, 2018, 57, 16604-16605.                                                                                                                                                                                           | 7.2  | 11        |
| 158 | Chiral Lewis Acid Catalyzed Reactions of $\hat{I}^{\pm}$ $\hat{a}^2$ Diazoester Derivatives: Construction of Dimeric Polycyclic Compounds. Angewandte Chemie, 2018, 130, 16408-16411.                                                                                                                                                  | 1.6  | 8         |
| 159 | Chiral guanidines and their derivatives in asymmetric synthesis. Chemical Society Reviews, 2018, 47, 8525-8540.                                                                                                                                                                                                                        | 18.7 | 116       |
| 160 | Catalytic Asymmetric Ring-Opening/Cyclopropanation of Cyclic Sulfur Ylides: Construction of Sulfur-Containing Spirocyclopropyloxindoles with Three Vicinal Stereocenters. Organic Letters, 2018, 20, 7794-7797.                                                                                                                        | 2.4  | 25        |
| 161 | Catalytic Asymmetric Chemodivergent C2 Alkylation and [3 + 2]-Cycloaddition of 3-Methylindoles with Aziridines. ACS Catalysis, 2018, 8, 10261-10266.                                                                                                                                                                                   | 5.5  | 35        |
| 162 | Nickel(II) $\hat{a}^2$ Catalyzed Asymmetric Propargyl [2,3] $\hat{a}^2$ Wittig Rearrangement of Oxindole Derivatives: A Chiral Amplification Effect. Angewandte Chemie, 2018, 130, 8870-8874.                                                                                                                                          | 1.6  | 13        |

| #   | ARTICLE                                                                                                                                                                                                                                                               | IF  | CITATIONS |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 163 | Chiral Guanidine/Copper Catalyzed Asymmetric Azide-Alkyne Cycloaddition/[2+2] Cascade Reaction. <i>Angewandte Chemie</i> , 2018, 130, 17094-17098.                                                                                                                    | 1.6 | 6         |
| 164 | Chiral Guanidine/Copper Catalyzed Asymmetric Azide-Alkyne Cycloaddition/[2+2] Cascade Reaction. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16852-16856.                                                                                             | 7.2 | 44        |
| 165 | Bimetallic Rhodium(II)/Indium(III) Relay Catalysis for Tandem Insertion/Asymmetric Claisen Rearrangement. <i>Angewandte Chemie</i> , 2018, 130, 16792-16796.                                                                                                          | 1.6 | 20        |
| 166 | Bimetallic Rhodium(II)/Indium(III) Relay Catalysis for Tandem Insertion/Asymmetric Claisen Rearrangement. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16554-16558.                                                                                   | 7.2 | 61        |
| 167 | Enantioselective [2+2] Photocycloaddition Reactions of Enones and Olefins with Visible Light Mediated by $\text{N}^{\text{C}}, \text{N}^{\text{N}}$ -Dioxide-Metal Complexes. <i>Chemistry - A European Journal</i> , 2018, 24, 19361-19367.                          | 1.7 | 38        |
| 168 | Chiral Lewis Acid Catalyzed Reactions of $\alpha$ -Diazoester Derivatives: Construction of Dimeric Polycyclic Compounds. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16176-16179.                                                                    | 7.2 | 23        |
| 169 | Copper-Catalyzed Asymmetric Addition of Tertiary Carbon Nucleophiles to 2-H-Azirines: Access to Chiral Aziridines with Vicinal Tetrasubstituted Stereocenters. <i>Organic Letters</i> , 2018, 20, 5601-5605.                                                          | 2.4 | 32        |
| 170 | Zinc(II)-Catalyzed Asymmetric Diels-Alder Reaction of (E)-1-Phenyl Dienes with $\beta$ , $\beta$ -Unsaturated $\alpha$ -Ketoesters. <i>Journal of Organic Chemistry</i> , 2018, 83, 12527-12534.                                                                      | 1.7 | 12        |
| 171 | Chiral $\text{N}^{\text{C}}, \text{N}^{\text{N}}$ -Dioxide/Scandium(III)-Catalyzed Asymmetric Alkylation of $\text{N}^{\text{C}}$ -Unprotected $\beta$ -Substituted Oxindoles. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 4301-4305.                        | 2.1 | 13        |
| 172 | Enantioselective [3 + 2] cycloaddition and rearrangement of thiazolium salts to synthesize thiazole and 1,4-thiazine derivatives. <i>Organic Chemistry Frontiers</i> , 2018, 5, 2126-2131.                                                                            | 2.3 | 15        |
| 173 | Asymmetric Synthesis of Fused Bicyclic $\text{N}, \text{O}$ - and $\text{O}, \text{O}$ -Acetals via Cascade Reaction by Gold(I)/ $\text{N}, \text{N}$ -Dioxide-Nickel(II) Bimetallic Relay Catalysis. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 2831-2835. | 2.1 | 40        |
| 174 | Stereodivergent synthesis of vicinal quaternary-quaternary stereocenters and bioactive hyperolactones. <i>Nature Communications</i> , 2018, 9, 1968.                                                                                                                  | 5.8 | 67        |
| 175 | Asymmetric Three-Component Reaction for the Synthesis of Tetrasubstituted Allenates via Allenate-Copper Intermediates. <i>CheM</i> , 2018, 4, 1658-1672.                                                                                                              | 5.8 | 74        |
| 176 | Chiral Amino Acids-Derived Catalysts and Ligands. <i>Chinese Journal of Chemistry</i> , 2018, 36, 791-797.                                                                                                                                                            | 2.6 | 197       |
| 177 | Catalytic Asymmetric Diels-Alder Reaction/[3,3] Sigmatropic Rearrangement Cascade of $\alpha$ -Thiocyanatobutadienes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9113-9116.                                                                         | 7.2 | 26        |
| 178 | Nickel(II)-Catalyzed Asymmetric Propargyl [2,3]-Wittig Rearrangement of Oxindole Derivatives: A Chiral Amplification Effect. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8734-8738.                                                                  | 7.2 | 33        |
| 179 | Chiral organobases: Properties and applications in asymmetric catalysis. <i>Chinese Chemical Letters</i> , 2018, 29, 1201-1208.                                                                                                                                       | 4.8 | 32        |
| 180 | Asymmetric Synthesis of Tetrahydroindolizines by Bimetallic Relay Catalyzed Cycloaddition of Pyridinium Ylides. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12323-12327.                                                                             | 7.2 | 87        |

| #   | ARTICLE                                                                                                                                                                                                               | IF   | CITATIONS |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 181 | Bio-inspired antifogging PDMS coupled micro-pillared superhydrophobic arrays and SiO <sub>2</sub> coatings. RSC Advances, 2018, 8, 26497-26505.                                                                       | 1.7  | 20        |
| 182 | Recent Advances in Metal-Catalyzed Asymmetric 1,4-Conjugate Addition (ACA) of Nonorganometallic Nucleophiles. Chemical Reviews, 2018, 118, 7586-7656.                                                                 | 23.0 | 223       |
| 183 | Highly enantioselective desymmetrization of prochiral cyclic $\hat{1},\hat{1}$ -dicyanoalkenes <i>via</i> the direct vinylogous Michael/cyclization domino reaction. Organic Chemistry Frontiers, 2018, 5, 2505-2509. | 2.3  | 13        |
| 184 | Dynamic kinetic asymmetric transformations of $\hat{1}$ -halo- $\hat{1}$ -keto esters by $\hat{1},\hat{1}$ -dioxide/Ni(II)-catalyzed carbonyl-ene reaction. Chemical Communications, 2018, 54, 8901-8904.             | 2.2  | 15        |
| 185 | Catalytic Asymmetric [8+3] Annulation Reactions of Tropones or Azaheptafulvenes with <i>meso</i> -Aziridines. Chemistry - A European Journal, 2018, 24, 13428-13431.                                                  | 1.7  | 40        |
| 186 | Enantioselective Synthesis of 2,2,3-Trisubstituted Indolines via Bimetallic Relay Catalysis of $\hat{1}$ -Diazoketones with Enones. Organic Letters, 2018, 20, 4536-4539.                                             | 2.4  | 37        |
| 187 | Enantioselective Formal [4 + 2] Annulation of <i>ortho</i> -Quinone Methides with <i>ortho</i> -Hydroxyphenyl $\hat{1},\hat{1}$ -Unsaturated Compounds. Journal of Organic Chemistry, 2018, 83, 10175-10185.          | 1.7  | 33        |
| 188 | $\hat{1},\hat{1}$ -Dioxide/Gd(OTf) <sub>3</sub> Complex-Promoted Asymmetric Aldol Reaction of Silyl Ketene Imines with Isatins: Water Plays an Important Role. Organic Letters, 2018, 20, 5314-5318.                  | 2.4  | 16        |
| 189 | Asymmetric synthesis of polysubstituted methylenecyclobutanes <i>via</i> catalytic [2+2] cycloaddition reactions of $\hat{1},\hat{1}$ -allenamides. Chemical Communications, 2018, 54, 10511-10514.                   | 2.2  | 23        |
| 190 | Catalytic Asymmetric Synthesis of Chiral Spiro-cyclopropyl Oxindoles from $\hat{1}$ -Alkenyl-oxindoles and Sulfoxonium Ylides. Advanced Synthesis and Catalysis, 2018, 360, 4089-4093.                                | 2.1  | 39        |
| 191 | Chiral Lewis acid-catalyzed enantioselective cyclopropanation and C-H insertion reactions of vinyl ketones with $\hat{1}$ -diazoesters. Chemical Communications, 2018, 54, 9837-9840.                                 | 2.2  | 18        |
| 192 | Asymmetric Synthesis of Tetrahydroindolizines by Bimetallic Relay Catalyzed Cycloaddition of Pyridinium Ylides. Angewandte Chemie, 2018, 130, 12503-12507.                                                            | 1.6  | 25        |
| 193 | Catalytic Asymmetric Inverse-Electron-Demand Hetero-Diels-Alder Reaction of Dioxopyrrolidines with Hetero-Substituted Alkenes. Journal of Organic Chemistry, 2018, 83, 8679-8687.                                     | 1.7  | 24        |
| 194 | Catalytic Asymmetric Diels-Alder Reaction/[3,3] Sigmatropic Rearrangement Cascade of $\hat{1}$ -thiocyanatobutadienes. Angewandte Chemie, 2018, 130, 9251-9254.                                                       | 1.6  | 9         |
| 195 | Chiral $\hat{1},\hat{1}$ -Dioxide/Lanthanide(III) Complex Catalyzed Asymmetric Bisvinylogous Mukaiyama Aldol Reactions. Organic Letters, 2017, 19, 332-335.                                                           | 2.4  | 24        |
| 196 | Highly diastereo- and enantioselective synthesis of spirooxindole-cyclohexaneamides through $\hat{1},\hat{1}$ -dioxide/Ni(II)-catalyzed Diels-Alder reactions. Chemical Communications, 2017, 53, 2060-2063.          | 2.2  | 40        |
| 197 | Asymmetric Organocatalytic Michael/Michael/Henry Sequence to Construct Cyclohexanes with Six Vicinal Stereogenic Centers. Synlett, 2017, 28, 966-969.                                                                 | 1.0  | 16        |
| 198 | Catalytic asymmetric Meerwein-Ponndorf-Verley reduction of glyoxylates induced by a chiral $\hat{1},\hat{1}$ -dioxide/Y(OTf) <sub>3</sub> complex. Chemical Communications, 2017, 53, 3232-3235.                      | 2.2  | 17        |

| #   | ARTICLE                                                                                                                                                                                                             | IF  | CITATIONS |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 199 | Chiral N,N'-dioxide-Sc(NTf) <sub>2</sub> complex-catalyzed asymmetric bromoamination of chalcones with N-bromosuccinimide as both bromine and amide source. <i>Chemical Communications</i> , 2017, 53, 3462-3465.   | 2.2 | 18        |
| 200 | Highly Efficient Asymmetric Synthesis of Chiral $\beta$ -Alkenyl Butenolides Catalyzed by Chiral $\beta$ -N,N'-Dioxide-Scandium(III) Complexes. <i>ACS Catalysis</i> , 2017, 7, 3763-3767.                          | 5.5 | 47        |
| 201 | Frontispiece: Catalytic Strategies for Diastereodivergent Synthesis. <i>Chemistry - A European Journal</i> , 2017, 23, .                                                                                            | 1.7 | 1         |
| 202 | Catalytic Asymmetric Inverse-Electron-Demand Hetero-Diels-Alder Reactions. <i>Chemical Record</i> , 2017, 17, 1184-1202.                                                                                            | 2.9 | 73        |
| 203 | Asymmetric [3 + 2] Cycloaddition of 2,2-Diester Aziridines To Synthesize Pyrrolidine Derivatives. <i>ACS Catalysis</i> , 2017, 7, 3934-3939.                                                                        | 5.5 | 39        |
| 204 | Asymmetric synthesis of chromans via the Friedel-Crafts alkylation-hemiketalization catalysed by an N,N'-dioxide scandium complex. <i>Organic Chemistry Frontiers</i> , 2017, 4, 1647-1650.                         | 2.3 | 16        |
| 205 | Chiral N,N'-dioxide/Co-promoted asymmetric 1,3-dipolar cycloaddition of nitrones with methyleneindolinones. <i>Chemical Communications</i> , 2017, 53, 7925-7928.                                                   | 2.2 | 37        |
| 206 | Catalytic asymmetric [2+2] cycloaddition between quinones and fulvenes and a subsequent stereoselective isomerization to 2,3-dihydrobenzofurans. <i>Chemical Communications</i> , 2017, 53, 6585-6588.              | 2.2 | 36        |
| 207 | Construction of Distant Stereocenters by Enantioselective Desymmetrizing Carbonyl-Ene Reaction. <i>Organic Letters</i> , 2017, 19, 3374-3377.                                                                       | 2.4 | 18        |
| 208 | A chiral cobalt(ii) complex catalyzed asymmetric formal [3+2] cycloaddition for the synthesis of 1,2,4-triazolines. <i>Chemical Communications</i> , 2017, 53, 4077-4079.                                           | 2.2 | 16        |
| 209 | $\beta$ -N,N'-Dioxide-Lanthanum(III)-Catalyzed Asymmetric Cyclopropanation of $\beta$ -Cyano- $\alpha$ -arylacrylates with $\beta$ -Bromomalonates. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1831-1836. | 2.1 | 18        |
| 210 | Gold(I)/Chiral $\beta$ -N,N'-Dioxide-Nickel(II) Relay Catalysis for Asymmetric Tandem Intermolecular Hydroalkoxylation/Claisen Rearrangement. <i>Angewandte Chemie</i> , 2017, 129, 903-906.                        | 1.6 | 31        |
| 211 | Gold(I)/Chiral $\beta$ -N,N'-Dioxide-Nickel(II) Relay Catalysis for Asymmetric Tandem Intermolecular Hydroalkoxylation/Claisen Rearrangement. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 885-888. | 7.2 | 97        |
| 212 | Chiral N,N'-Dioxide Organocatalyzed Asymmetric Electrophilic $\alpha$ -Cyanation of $\beta$ -Keto Esters and $\beta$ -Keto Amides. <i>Journal of Organic Chemistry</i> , 2017, 82, 701-708.                         | 1.7 | 35        |
| 213 | Asymmetric Cycloaddition and Cyclization Reactions Catalyzed by Chiral $\beta$ -N,N'-Dioxide-Metal Complexes. <i>Accounts of Chemical Research</i> , 2017, 50, 2621-2631.                                           | 7.6 | 344       |
| 214 | Chiral N,N'-dioxide/Sc(OTf) <sub>3</sub> complex-catalyzed asymmetric dearomatization of $\beta$ -naphthols. <i>Chemical Communications</i> , 2017, 53, 11759-11762.                                                | 2.2 | 22        |
| 215 | Bionic anti-adhesive electrode coupled with maize leaf microstructures and TiO <sub>2</sub> coating. <i>RSC Advances</i> , 2017, 7, 45287-45293.                                                                    | 1.7 | 25        |
| 216 | Catalytic Asymmetric Direct Vinylogous Aldol Reaction of Isatins with $\beta$ , $\gamma$ -Unsaturated Butenolides. <i>Chemistry - A European Journal</i> , 2017, 23, 16447-16451.                                   | 1.7 | 32        |

| #   | ARTICLE                                                                                                                                                                                                                                                   | IF  | CITATIONS |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 217 | Asymmetric Formal [3 + 2]-Cycloaddition of Azomethine Imines with Azlactones To Synthesize Bicyclic Pyrazolidinones. <i>Organic Letters</i> , 2017, 19, 5826-5829.                                                                                        | 2.4 | 28        |
| 218 | Iron-Catalyzed Asymmetric Haloazidation of $\hat{1},\hat{2}$ -Unsaturated Ketones: Construction of Organic Azides with Two Vicinal Stereocenters. <i>Journal of the American Chemical Society</i> , 2017, 139, 13414-13419.                               | 6.6 | 77        |
| 219 | Catalytic asymmetric hydroxylative dearomatization of 2-naphthols: synthesis of lacinilene derivatives. <i>Chemical Science</i> , 2017, 8, 6645-6649.                                                                                                     | 3.7 | 54        |
| 220 | Asymmetric Aerobic Oxidative Cross-Coupling of Tetrahydroisoquinolines with Alkynes. <i>ACS Catalysis</i> , 2017, 7, 5654-5660.                                                                                                                           | 5.5 | 72        |
| 221 | Catalytic Asymmetric Epoxidation of Electron-Deficient Enynes Promoted by Chiral $N,N$ -Dioxide-Scandium(III) Complex. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3454-3459.                                                                    | 2.1 | 22        |
| 222 | Nickel-Catalyzed Conjugate Addition of Silyl Ketene Imines to In Situ Generated Indolones: Highly Enantioselective Construction of Vicinal All-Carbon Quaternary Stereocenters. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13107-13111. | 7.2 | 68        |
| 223 | Chiral Magnesium(II) Complex-Catalyzed Enantioselective Desymmetrization of <i>meso</i> -Aziridines with Pyrazoles. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3532-3537.                                                                       | 2.1 | 20        |
| 224 | Nickel-Catalyzed Conjugate Addition of Silyl Ketene Imines to In Situ Generated Indolones: Highly Enantioselective Construction of Vicinal All-Carbon Quaternary Stereocenters. <i>Angewandte Chemie</i> , 2017, 129, 13287-13291.                        | 1.6 | 18        |
| 225 | Bioinspired Omnidirectional Self-Stable Reflectors with Multiscale Hierarchical Structures. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 29285-29294.                                                                                         | 4.0 | 16        |
| 226 | Chiral cobalt(ii) complex catalyzed Friedel-Crafts aromatization for the synthesis of axially chiral biaryldiols. <i>Chemical Communications</i> , 2017, 53, 9741-9744.                                                                                   | 2.2 | 35        |
| 227 | Highly regio-, diastereo- and enantioselective deracemization of axially chiral 3-alkylideneoxindoles. <i>Chemical Communications</i> , 2017, 53, 8763-8766.                                                                                              | 2.2 | 9         |
| 228 | The asymmetric synthesis of multisubstituted diquinanes via the domino reaction of electron-deficient enynes. <i>Organic Chemistry Frontiers</i> , 2017, 4, 2012-2015.                                                                                    | 2.3 | 9         |
| 229 | Catalytic Strategies for Diastereodivergent Synthesis. <i>Chemistry - A European Journal</i> , 2017, 23, 6464-6482.                                                                                                                                       | 1.7 | 194       |
| 230 | Enantioselective Synthesis of $N$ -Free 1,5-Benzothiazepines. <i>Chemistry - A European Journal</i> , 2017, 23, 554-557.                                                                                                                                  | 1.7 | 45        |
| 231 | A new approach to the asymmetric Mannich reaction catalyzed by chiral $N,N$ -dioxide-metal complexes. <i>Chemical Science</i> , 2017, 8, 1238-1242.                                                                                                       | 3.7 | 70        |
| 232 | Chiral Lewis Acid Rare-Earth Metal Complexes in Enantioselective Catalysis. <i>Topics in Organometallic Chemistry</i> , 2017, , 147-191.                                                                                                                  | 0.7 | 12        |
| 233 | Kinetic Resolution of Oxaziridines via Chiral Bifunctional Guanidine-Catalyzed Enantioselective $\hat{1},\hat{2}$ -Hydroxylation of $\hat{1}^2$ -Keto Esters. <i>Organic Letters</i> , 2016, 18, 3602-3605.                                               | 2.4 | 37        |
| 234 | Synergistic Kinetic Resolution and Asymmetric Propargyl Claisen Rearrangement for the Synthesis of Chiral Allenes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4054-4058.                                                                | 7.2 | 80        |



| #   | ARTICLE                                                                                                                                                                                                                                         | IF  | CITATIONS |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 235 | Synergistic Kinetic Resolution and Asymmetric Propargyl Claisen Rearrangement for the Synthesis of Chiral Allenes. <i>Angewandte Chemie</i> , 2016, 128, 4122-4126.                                                                             | 1.6 | 33        |
| 236 | Copper/Guanidine-catalyzed Asymmetric Alkynylation of Isatins. <i>Angewandte Chemie</i> , 2016, 128, 5372-5375.                                                                                                                                 | 1.6 | 14        |
| 237 | Bimetallic Gold(I)/Chiral $\text{Ni}^{\text{II}}$ -Dioxide Nickel(II) Asymmetric Relay Catalysis: Chemo- and Enantioselective Synthesis of Spiroketal and Spiroaminals. <i>Angewandte Chemie</i> , 2016, 128, 6179-6182.                        | 1.6 | 34        |
| 238 | Bimetallic Gold(I)/Chiral $\text{Ni}^{\text{II}}$ -Dioxide Nickel(II) Asymmetric Relay Catalysis: Chemo- and Enantioselective Synthesis of Spiroketal and Spiroaminals. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 6075-6078. | 7.2 | 115       |
| 239 | Catalytic asymmetric [3 + 3] annulation of cyclopropanes with mercaptoacetaldehyde. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 5914-5917.                                                                                            | 1.5 | 35        |
| 240 | Efficient Synthesis of Chiral Trisubstituted 1,2-Allenyl Ketones by Catalytic Asymmetric Conjugate Addition of Malonic Esters to Enynes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1859-1863.                                | 7.2 | 104       |
| 241 | A $\text{Ni}^{\text{II}}$ -dioxide/ $\text{Mg}(\text{OTf})_2$ complex catalyzed enantioselective $\text{1,4}$ -addition of isocyanides to alkylidene malonates. <i>Chemical Science</i> , 2016, 7, 4736-4740.                                   | 3.7 | 24        |
| 242 | Chiral $\text{Ni}^{\text{II}}$ -Dioxide-Organocatalyzed Regio-, Diastereo- and Enantioselective Michael Addition-Alkylation Reaction. <i>Chemistry - A European Journal</i> , 2016, 22, 15650-15653.                                            | 1.7 | 22        |
| 243 | Catalytic Asymmetric Intra- and Intermolecular Haloetherification of Enones: An Efficient Approach to $\alpha$ -Centrolbine. <i>ACS Catalysis</i> , 2016, 6, 7778-7783.                                                                         | 5.5 | 44        |
| 244 | Highly enantioselective construction of carbazole derivatives via [4+2] cycloaddition of silyloxyvinylindoles and $\text{1,3}$ -unsaturated $\alpha$ -ketoesters. <i>Chemical Communications</i> , 2016, 52, 10692-10695.                       | 2.2 | 20        |
| 245 | Chiral $\text{Ni}^{\text{II}}$ -Dioxide-Zinc(II) Complex-catalyzed Asymmetric Aza-Friedel-Crafts Reaction of Isatin-derived Ketimines with Indoles. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 3021-3026.                             | 2.1 | 37        |
| 246 | Catalytic Michael/Ring-closure Reaction of $\text{1,2}$ -unsaturated Pyrazoleamides with Amidomalonicates: Asymmetric Synthesis of $\alpha$ -Paroxetine. <i>Chemistry - A European Journal</i> , 2016, 22, 15119-15124.                         | 1.7 | 39        |
| 247 | Organocatalytic Asymmetric Cascade Reaction of 2-Hydroxyphenyl-Substituted Enones and Isocyanates To Construct 1,3-Benzoxazin-2-ones. <i>Organic Letters</i> , 2016, 18, 5070-5073.                                                             | 2.4 | 19        |
| 248 | Asymmetric Ring Opening/Cyclization/Retro-Mannich Reaction of Cyclopropyl Ketones with Aryl 1,2-Diamines for the Synthesis of Benzimidazole Derivatives ( <i>Angew. Chem.</i> 40/2016). <i>Angewandte Chemie</i> , 2016, 128, 12732-12732.      | 1.6 | 0         |
| 249 | Asymmetric Catalytic Insertion of $\alpha$ -Diazo Carbonyl Compounds into O-H Bonds of Carboxylic Acids. <i>ACS Catalysis</i> , 2016, 6, 6930-6934.                                                                                             | 5.5 | 86        |
| 250 | Enantioselective construction of branched 1,3-dienyl substituted quaternary carbon stereocenters by asymmetric allenyl Claisen rearrangement. <i>Chemical Communications</i> , 2016, 52, 11963-11966.                                           | 2.2 | 13        |
| 251 | Asymmetric Ring Opening/Cyclization/Retro-Mannich Reaction of Cyclopropyl Ketones with Aryl 1,2-Diamines for the Synthesis of Benzimidazole Derivatives. <i>Angewandte Chemie</i> , 2016, 128, 12416-12420.                                     | 1.6 | 34        |
| 252 | Kinetic Resolution of 2-Azirines by Asymmetric Imine Amidation. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10098-10101.                                                                                                       | 7.2 | 45        |



| #   | ARTICLE                                                                                                                                                                                                                                                                                                                                                                        | IF  | CITATIONS |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 253 | Asymmetric Ring Opening/Cyclization/Retro-Mannich Reaction of Cyclopropyl Ketones with Aryl 1,2-Diamines for the Synthesis of Benzimidazole Derivatives. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12228-12232.                                                                                                                                             | 7.2 | 90        |
| 254 | Nickel(II)-Catalyzed Enantioselective $\hat{1}$ -Vinylolation of $\hat{1}^2$ -Keto Amides/Esters with Hypervalent Iodine Salts. <i>Organic Letters</i> , 2016, 18, 5540-5543.                                                                                                                                                                                                  | 2.4 | 26        |
| 255 | Chiral $\langle i \rangle N \langle /i \rangle, \langle i \rangle N \langle /i \rangle$ -Dioxide-Scandium(III) Complex-Catalyzed Asymmetric Friedel-Crafts Alkylation Reaction of $\langle i \rangle ortho \langle /i \rangle$ -Hydroxybenzyl Alcohols with C3-Substituted N-Protected Indoles. <i>Chemistry - A European Journal</i> , 2016, 22, 18254-18258.                 | 1.7 | 45        |
| 256 | A Chiral $\langle i \rangle N \langle /i \rangle, \langle i \rangle N \langle /i \rangle$ -Dioxide-Zn <sup>II</sup> Complex Catalyzes the Enantioselective [2+2] Cycloaddition of Alkynones with Cyclic Enol Silyl Ethers. <i>Angewandte Chemie</i> , 2016, 128, 5631-5634.                                                                                                    | 1.6 | 19        |
| 257 | A Chiral $\langle i \rangle N \langle /i \rangle, \langle i \rangle N \langle /i \rangle$ -Dioxide-Zn <sup>II</sup> Complex Catalyzes the Enantioselective [2+2] Cycloaddition of Alkynones with Cyclic Enol Silyl Ethers. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 5541-5544.                                                                             | 7.2 | 57        |
| 258 | N,N-Dioxide/nickel( $\langle scp \rangle ii \langle /scp \rangle$ )-catalyzed asymmetric Diels-Alder reaction of cyclopentadiene with 2,3-dioxopyrrolidines and 2-alkenyl pyridines. <i>Chemical Communications</i> , 2016, 52, 8255-8258.                                                                                                                                     | 2.2 | 37        |
| 259 | Catalytic asymmetric $\hat{1}$ -amination of $\hat{1}^2$ -keto esters and $\hat{1}^2$ -keto amides with a chiral N,N-dioxide-copper(I) complex. <i>Organic Chemistry Frontiers</i> , 2016, 3, 809-812.                                                                                                                                                                         | 2.3 | 22        |
| 260 | Copper/Guanidine-Catalyzed Asymmetric Alkynylation of Isatins. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 5286-5289.                                                                                                                                                                                                                                         | 7.2 | 91        |
| 261 | Synthesis of Chiral Tetrahydrofurans via Catalytic Asymmetric [3 + 2] Cycloaddition of Heterosubstituted Alkenes with Oxiranes. <i>Journal of Organic Chemistry</i> , 2016, 81, 1237-1243.                                                                                                                                                                                     | 1.7 | 32        |
| 262 | Efficient Synthesis of Chiral Trisubstituted 1,2-Allenyl Ketones by Catalytic Asymmetric Conjugate Addition of Malonic Esters to Enynes. <i>Angewandte Chemie</i> , 2016, 128, 1891-1895.                                                                                                                                                                                      | 1.6 | 19        |
| 263 | Asymmetric [3 + 2] cycloaddition of donor-acceptor aziridines with aldehydes via carbon-carbon bond cleavage. <i>Chemical Science</i> , 2016, 7, 3775-3779.                                                                                                                                                                                                                    | 3.7 | 45        |
| 264 | Diastereoselective and Enantioselective Alleno-aldol Reaction of Allenoates with Isatins to Synthesis of Carbinol Allenoates Catalyzed by Gold. <i>ACS Catalysis</i> , 2016, 6, 2482-2486.                                                                                                                                                                                     | 5.5 | 99        |
| 265 | Nickel( $\langle scp \rangle ii \langle /scp \rangle$ )-catalyzed enantioselective cyclopropanation of 3-alkenyl-oxindoles with phenyliodonium ylide via free carbene. <i>Chemical Science</i> , 2016, 7, 2717-2721.                                                                                                                                                           | 3.7 | 85        |
| 266 | Catalytic Asymmetric Inverse-Electron Demand 1,3-Dipolar Cycloaddition of Isoquinolinium Methylides with Enecarbamates by a Chiral $\langle i \rangle N, N \langle /i \rangle$ -Dioxide/Ag(I) Complex. <i>ACS Catalysis</i> , 2016, 6, 589-592.                                                                                                                                | 5.5 | 28        |
| 267 | $\langle i \rangle N, N \langle /i \rangle$ -Dioxide/Zinc Bis(trifluoromethylsulfonyl)imide Complex Catalyzed Enantioselective Diels-Alder Reaction of Cyclopentadiene with Alkynones. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 2045-2049.                                                                                                                         | 2.1 | 22        |
| 268 | Regio- and Enantioselective Aza-Diels-Alder Reactions of 3-Vinylindoles: A Concise Synthesis of the Antimalarial Spiroindolone NITD609. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 10958-10962.                                                                                                                                                              | 7.2 | 116       |
| 269 | Theoretical Studies on the Asymmetric Baeyer-Villiger Oxidation Reaction of 4-Phenylcyclohexanone with $\langle i \rangle m \langle /i \rangle$ -Chloroperoxobenzoic Acid Catalyzed by Chiral Scandium(III)- $\langle i \rangle N \langle /i \rangle, \langle i \rangle N \langle /i \rangle$ -Dioxide Complexes. <i>Chemistry - A European Journal</i> , 2015, 21, 7264-7277. | 1.7 | 16        |
| 270 | Chiral $\langle i \rangle N, N \langle /i \rangle$ -Dioxide-Scandium(III)-Catalyzed Asymmetric Dearomatization of 2-Naphthols through an Amination Reaction. <i>Chemistry - A European Journal</i> , 2015, 21, 17453-17458.                                                                                                                                                    | 1.7 | 70        |

| #   | ARTICLE                                                                                                                                                                                                                                                 | IF  | CITATIONS |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 271 | Asymmetric Ring-Opening of Cyclopropyl Ketones with Thiol, Alcohol, and Carboxylic Acid Nucleophiles Catalyzed by a Chiral $N,N$ -Dioxide-Scandium(III) Complex. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13748-13752.              | 7.2 | 112       |
| 272 | Catalytic asymmetric desymmetrization of <i>N</i> -arylmaleimides: efficient construction of both atom chirality and axial chirality. <i>Chemical Communications</i> , 2015, 51, 10554-10557.                                                           | 2.2 | 50        |
| 273 | Enantioselective synthesis of dihydrocoumarin derivatives by chiral scandium( $\text{scp}$ )-complex catalyzed inverse-electron-demand hetero-Diels-Alder reaction. <i>Chemical Communications</i> , 2015, 51, 3835-3837.                               | 2.2 | 111       |
| 274 | Asymmetric Synthesis of Spirocyclic Oxindole-Fused Tetrahydrothiophenes via $N,N$ -Dioxide-Nickel(II) Catalyzed Domino Reaction of 1,4-Dithiane-2,5-diol with $\alpha$ -Alkenyloxindoles. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 695-700. | 2.2 | 49        |
| 275 | Asymmetric Dearomatization of Indoles through a Michael/Friedel-Crafts Type Cascade To Construct Polycyclic Spiroindolines. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4032-4035.                                                     | 7.2 | 169       |
| 276 | Asymmetric Tandem 1,5-Hydride Shift/Ring Closure for the Synthesis of Chiral Spirooxindole Tetrahydroquinolines. <i>Chemistry - A European Journal</i> , 2015, 21, 1632-1636.                                                                           | 1.7 | 76        |
| 277 | Chiral $N,N$ -dioxide- $\text{In}(\text{OTf})_3$ -catalyzed asymmetric vinylogous Mukaiyama aldol reactions. <i>Chemical Communications</i> , 2015, 51, 3106-3108.                                                                                      | 2.2 | 23        |
| 278 | Reversal of enantioselective Friedel-Crafts C3-alkylation of pyrrole by slightly tuning the amide units of $N,N$ -dioxide ligands. <i>Chemical Communications</i> , 2015, 51, 8432-8435.                                                                | 2.2 | 54        |
| 279 | Chiral Bifunctional Guanidine-Catalyzed Enantioselective Aza-Henry Reaction of Isatin-Derived Ketimines. <i>Journal of Organic Chemistry</i> , 2015, 80, 3332-3338.                                                                                     | 1.7 | 57        |
| 280 | Diastereoselectively Switchable Asymmetric Haloaminocyclization for the Synthesis of Cyclic Sulfamates. <i>Chemistry - A European Journal</i> , 2015, 21, 6386-6389.                                                                                    | 1.7 | 38        |
| 281 | Chiral $N,N$ -dioxide- $\text{FeCl}_3$ complex-catalyzed asymmetric intramolecular Cannizzaro reaction. <i>Chemical Communications</i> , 2015, 51, 11646-11649.                                                                                         | 2.2 | 13        |
| 282 | The $N,N$ -dioxide/ $\text{Ni}(\text{scp})_2$ -catalyzed asymmetric inverse-electron-demand hetero-Diels-Alder reaction of methyleneindolinones with hetero-substituted alkenes. <i>Chemical Communications</i> , 2015, 51, 11689-11692.                | 2.2 | 30        |
| 283 | A catalytic asymmetric carbonyl-ene reaction of $\beta,\beta$ -unsaturated $\alpha$ -ketoesters with 5-methyleneoxazolines. <i>Chemical Communications</i> , 2015, 51, 10042-10045.                                                                     | 2.2 | 34        |
| 284 | Asymmetric Synthesis of Dihydrofurans via Organocatalytic Domino Michael-Alkylation Reaction. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 1305-1310.                                                                                           | 2.1 | 37        |
| 285 | Kinetic resolution of 2,3-epoxy 3-aryl ketones via catalytic asymmetric ring-opening with pyrazole derivatives. <i>Chemical Communications</i> , 2015, 51, 11374-11377.                                                                                 | 2.2 | 26        |
| 286 | $N,N$ -Dioxide/Gadolinium(III)-Catalyzed Asymmetric Conjugate Addition of Nitroalkanes to $\beta,\beta$ -Unsaturated Pyrazolamides. <i>Journal of Organic Chemistry</i> , 2015, 80, 5704-5712.                                                          | 1.7 | 42        |
| 287 | Cooperative Chiral Guanidine/ $\text{AgPF}_6$ Catalyzed Asymmetric Isocyanoacetate Aldol Reaction with Isatins. <i>Synlett</i> , 2015, 26, 1545-1548.                                                                                                   | 1.0 | 22        |
| 288 | The asymmetric synthesis of polycyclic 3-spirooxindole alkaloids via the cascade reaction of 2-isocyanoethylindoles. <i>Chemical Communications</i> , 2015, 51, 16076-16079.                                                                            | 2.2 | 69        |

| #   | ARTICLE                                                                                                                                                                                                                                       | IF  | CITATIONS |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 289 | Direct Synthesis of Chiral Allenolates from the Asymmetric C≡C-H Insertion of $\alpha$ -Diazoesters into Terminal Alkynes. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9512-9516.                                            | 7.2 | 112       |
| 290 | Asymmetric Synthesis of Furo[3,4- <i>b</i> ]indoles by Catalytic [3+2] Cycloaddition of Indoles with Epoxides. <i>Chemistry - A European Journal</i> , 2015, 21, 15104-15107.                                                                 | 1.7 | 37        |
| 291 | Synthesis of Optically Pure Spiro[cyclohexane-oxindoline] Derivatives via Catalytic Asymmetric Diels-Alder Reaction of Brassard-Type Diene with Methyleneindolines. <i>Journal of Organic Chemistry</i> , 2015, 80, 8836-8842.                | 1.7 | 32        |
| 292 | Organocatalytic dynamic kinetic resolution of azlactones to construct chiral N-acyl amino acid oxime esters. <i>Chemical Communications</i> , 2015, 51, 14897-14900.                                                                          | 2.2 | 33        |
| 293 | Ligand Control of Diastereodivergency in Asymmetric Inverse Electron Demand Diels-Alder Reaction. <i>ACS Catalysis</i> , 2015, 5, 6052-6056.                                                                                                  | 5.5 | 54        |
| 294 | Asymmetric [3 + 2] Cycloaddition of Methyleneindolinones with <i>N,N</i> -Cyclic Azomethine Imines Catalyzed by a <i>N,N</i> -Dioxide-Mg(OTf) <sub>2</sub> Complex. <i>Journal of Organic Chemistry</i> , 2015, 80, 9691-9699.                | 1.7 | 53        |
| 295 | Catalytic Asymmetric Intramolecular Homologation of Ketones with $\alpha$ -Diazoesters: Synthesis of Cyclic $\alpha$ -Aryl/Alkyl $\beta$ -Ketoesters. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1608-1611.                 | 7.2 | 57        |
| 296 | Enantioselective Construction of Vicinal Tetrasubstituted Stereocenters by the Mannich Reaction of Silyl Ketene Imines with Isatin-Derived Ketimines. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 241-244.                   | 7.2 | 122       |
| 297 | Asymmetric Synthesis of 2,3-Dihydropyrroles by Ring-Opening/Cyclization of Cyclopropyl Ketones Using Primary Amines. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 227-230.                                                    | 7.2 | 131       |
| 298 | Direct asymmetric vinylogous Michael addition of 3-alkylidene oxindoles to chalcones catalyzed by a chiral <i>N,N</i> -dioxide ytterbium( $\text{scp}$ ) complex. <i>Chemical Communications</i> , 2015, 51, 580-583.                         | 2.2 | 50        |
| 299 | Advancements in Catalytic Asymmetric Intermolecular Ene-Type Reactions. <i>Synthesis</i> , 2014, 46, 2241-2257.                                                                                                                               | 1.2 | 25        |
| 300 | Asymmetric Hetero-Diels-Alder Reaction of Danishefsky's Diene with $\alpha$ -Ketoesters and Isatins Catalyzed by a Chiral <i>N,N</i> -Dioxide/Magnesium(II) Complex. <i>Chemistry - A European Journal</i> , 2014, 20, 14493-14498.           | 1.7 | 38        |
| 301 | <i>N,N</i> -Dioxide/Nickel(II)-Catalyzed Asymmetric Inverse Electron Demand Hetero-Diels-Alder Reaction of $\beta,\beta$ -Unsaturated $\alpha$ -Ketoesters with Enecarbamates. <i>Chemistry - A European Journal</i> , 2014, 20, 16753-16758. | 1.7 | 35        |
| 302 | Asymmetric Ni-H Insertion of Secondary and Primary Anilines under the Catalysis of Palladium and Chiral Guanidine Derivatives. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1636-1640.                                        | 7.2 | 107       |
| 303 | Enantioselective Protonation by Aza-Michael Reaction between Pyrazoles and $\alpha$ -Substituted Vinyl Ketones. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 3545-3550.                                                               | 2.1 | 27        |
| 304 | Kinetic Resolution of Racemic Mandelic Acid Esters by <i>N,N</i> -Dioxide-Scandium-Complex-Catalyzed Enantioselective Acylation. <i>Chemistry - A European Journal</i> , 2014, 20, 15884-15890.                                               | 1.7 | 15        |
| 305 | Chiral magnesium(ii)-catalyzed asymmetric ring-opening of meso-aziridines with primary alcohols. <i>Chemical Communications</i> , 2014, 50, 6672.                                                                                             | 2.2 | 55        |
| 306 | <i>N,N</i> -Dioxide-Scandium(III)-Catalyzed Asymmetric Aza-Friedel-Crafts Reaction of Sesamol with Aldimines. <i>Journal of Organic Chemistry</i> , 2014, 79, 10662-10668.                                                                    | 1.7 | 39        |

| #   | ARTICLE                                                                                                                                                                                                                | IF  | CITATIONS |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 307 | Asymmetric Reduction of $\alpha$ -Amino Ketones with a $\text{KBH}_4$ Solution Catalyzed by Chiral Lewis Acids. <i>Chemistry - A European Journal</i> , 2014, 20, 13482-13486.                                         | 1.7 | 19        |
| 308 | Catalytic hetero-ene reactions of 5-methyleneoxazolines: highly enantioselective synthesis of 2,5-disubstituted oxazole derivatives. <i>Chemical Communications</i> , 2014, 50, 7524.                                  | 2.2 | 27        |
| 309 | Chiral N,N'-dioxide ligands: synthesis, coordination chemistry and asymmetric catalysis. <i>Organic Chemistry Frontiers</i> , 2014, 1, 298.                                                                            | 2.3 | 370       |
| 310 | Efficient synthesis of carbazolespirooxindole skeletons via asymmetric Diels-Alder reaction of 3-vinylindoles and methyleneindolinones. <i>Chemical Communications</i> , 2014, 50, 8794.                               | 2.2 | 74        |
| 311 | Catalytic asymmetric [3+2] cycloaddition of aromatic aldehydes with oxiranes by C-C bond cleavage of epoxides: highly efficient synthesis of chiral 1,3-dioxolanes. <i>Chemical Communications</i> , 2014, 50, 2161.   | 2.2 | 45        |
| 312 | An asymmetric [3+2] cycloaddition of alkynes with oxiranes by selective C-C bond cleavage of epoxides: highly efficient synthesis of chiral furan derivatives. <i>Chemical Communications</i> , 2014, 50, 11480-11483. | 2.2 | 47        |
| 313 | Nickel(II)-Catalyzed Asymmetric Propargyl and Allyl Claisen Rearrangements to Allenyl- and Allyl-Substituted $\beta$ -Ketoesters. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 11579-11582.            | 7.2 | 62        |
| 314 | Magnesium-catalyzed asymmetric hetero-Diels-Alder reaction of Brassard's dienes with isatins. <i>Chemical Communications</i> , 2014, 50, 994-996.                                                                      | 2.2 | 33        |
| 315 | Asymmetric Synthesis of Spiro[isoxazolin-3,3-oxindoles] via the Catalytic 1,3-Dipolar Cycloaddition Reaction of Nitrile Oxides. <i>Journal of Organic Chemistry</i> , 2014, 79, 7703-7710.                             | 1.7 | 72        |
| 316 | Chiral Lewis Acid Catalyzed Asymmetric Cycloadditions of Disubstituted Ketenes for the Synthesis of $\beta$ -Lactones and $\gamma$ -Lactones. <i>Organic Letters</i> , 2014, 16, 134-137.                              | 2.4 | 62        |
| 317 | Asymmetric Synthesis of Spiro-epoxyoxindoles by the Catalytic Darzens Reaction of Isatins with Phenacyl Bromides. <i>Organic Letters</i> , 2014, 16, 4244-4247.                                                        | 2.4 | 49        |
| 318 | Regio- and Enantioselective Baeyer-Villiger Oxidation: Kinetic Resolution of Racemic 2-Substituted Cyclopentanones. <i>Organic Letters</i> , 2014, 16, 3938-3941.                                                      | 2.4 | 35        |
| 319 | Chiral Co(II) complex catalyzed asymmetric Michael reactions of $\beta$ -ketoamides to nitroolefins and alkyneones. <i>Tetrahedron Letters</i> , 2014, 55, 3797-3801.                                                  | 0.7 | 30        |
| 320 | Chiral N,N'-Dioxide-Scandium(III)-Catalyzed Asymmetric Epoxidation of 2-Arylidene-1,3-diketones with Hydrogen Peroxide. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 2214-2218.                                | 2.1 | 16        |
| 321 | Catalytic Asymmetric [8+2] Cycloaddition for the Construction of Cycloheptatriene-Fused Pyrrolidin-3,3-TM-Oxindoles. <i>Acta Chimica Sinica</i> , 2014, 72, 856.                                                       | 0.5 | 48        |
| 322 | Catalytic Asymmetric [8+2] Cycloaddition: Synthesis of Cycloheptatriene-Fused Pyrrole Derivatives. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 5604-5607.                                             | 7.2 | 87        |
| 323 | Catalytic asymmetric cross-dehydrogenative coupling: activation of C-H bonds by a cooperative bimetallic catalytic system. <i>Chemical Communications</i> , 2013, 49, 3470.                                            | 2.2 | 53        |
| 324 | Iron-catalyzed asymmetric haloamination reactions. <i>Chemical Communications</i> , 2013, 49, 8054.                                                                                                                    | 2.2 | 69        |

| #   | ARTICLE                                                                                                                                                                                                                                    | IF  | CITATIONS |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 325 | Catalytic Asymmetric Homologation of $\alpha$ -Ketoesters with $\alpha$ -Dialkylamino Esters: Synthesis of Succinate Derivatives with Chiral Quaternary Centers. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10883-10886. | 7.2 | 63        |
| 326 | $\alpha$ -Dialkylamino-Catalyzed Asymmetric Michael Addition of $\alpha$ -Unsaturated Butenolides to $\alpha$ -Unsaturated $\beta$ -Keto Esters. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 2764-2768.                           | 2.1 | 53        |
| 327 | Chiral Scandium(III)-Catalyzed Enantioselective $\alpha$ -Arylation of $N$ -Unprotected $\beta$ -Substituted Oxindoles with Diaryliodonium Salts. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10245-10249.                | 7.2 | 91        |
| 328 | Highly Stereoselective Conjugate Addition and $\alpha$ -Alkynylation Reaction with Electron-Deficient Alkynes Catalyzed by Chiral Scandium(III) Complexes. <i>Chemistry - A European Journal</i> , 2013, 19, 8591-8596.                    | 1.7 | 32        |
| 329 | Enantioselective Friedel-Crafts alkylation for synthesis of 2-substituted indole derivatives. <i>Chemical Communications</i> , 2013, 49, 11311.                                                                                            | 2.2 | 73        |
| 330 | Asymmetric Synthesis of $\alpha$ -Amino Nitriles through a Sc <sup>III</sup> -Catalyzed Three-Component Mannich Reaction of Silyl Ketene Imines. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3473-3477.                   | 7.2 | 79        |
| 331 | Enantioselective synthesis of 1,2,4-triazolines by chiral iron(ii)-complex catalyzed cyclization of $\alpha$ -isocyano esters and azodicarboxylates. <i>Chemical Communications</i> , 2013, 49, 2572.                                      | 2.2 | 39        |
| 332 | Nickel(II)-Catalyzed Enantioselective 1,3-Dipolar Cycloaddition of Azomethine Imines with Alkylidene Malonates. <i>Chemistry - A European Journal</i> , 2013, 19, 5134-5140.                                                               | 1.7 | 77        |
| 333 | Asymmetric Catalytic 1,3-Dipolar Cycloaddition Reaction of Nitrile Imines for the Synthesis of Chiral Spiro-Pyrazoline-Oxindoles. <i>Organic Letters</i> , 2013, 15, 76-79.                                                                | 2.4 | 104       |
| 334 | Efficient Enantioselective Synthesis of Dihydropyrans Using a Chiral $\alpha$ -Dialkylamino-Dioxide as Organocatalyst. <i>Organic Letters</i> , 2013, 15, 2640-2643.                                                                       | 2.4 | 28        |
| 335 | Organocatalytic Oxyamination of Azlactones: Kinetic Resolution of Oxaziridines and Asymmetric Synthesis of Oxazolin-4-ones. <i>Journal of the American Chemical Society</i> , 2013, 135, 10026-10029.                                      | 6.6 | 121       |
| 336 | $\alpha$ -Dialkylamino-Magnesium Ditriflate Complex-Catalyzed Asymmetric $\alpha$ -Hydroxylation of $\alpha$ -Keto Esters and $\alpha$ -Keto Amides. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 1924-1930.                       | 2.1 | 72        |
| 337 | Chiral $Zn(NTf_2)_2$ -Complex-Catalyzed Diastereo- and Enantioselective Direct Conjugate Addition of Arylacetonitriles to Alkylidene Malonates. <i>Chemistry - A European Journal</i> , 2013, 19, 16424-16430.                             | 1.7 | 18        |
| 338 | Chiral $\alpha$ -Dialkylamino-Yttrium Triflate Complexes-Catalyzed Asymmetric Aldol Cyclization of $\alpha$ -Keto Esters with $\alpha$ -Isothiocyanato Imide. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 3253-3262.              | 2.1 | 18        |
| 339 | Asymmetric 1,2-Reduction of Enones with Potassium Borohydride Catalyzed by Chiral $\alpha$ -Dialkylamino-Scandium(III) Complexes. <i>Organic Letters</i> , 2012, 14, 5134-5137.                                                            | 2.4 | 46        |
| 340 | Chiral guanidine-catalyzed asymmetric direct vinylogous Michael reaction of $\alpha$ , $\beta$ -unsaturated $\gamma$ -butyrolactams with alkylidene malonates. <i>Chemical Communications</i> , 2012, 48, 5040.                            | 2.2 | 83        |
| 341 | Asymmetric Synthesis of 2,3-Dihydroquinolin-4-one Derivatives Catalyzed by a Chiral Bisguanidium Salt. <i>Chemistry - A European Journal</i> , 2012, 18, 15922-15926.                                                                      | 1.7 | 44        |
| 342 | Probing the Mechanism of the Asymmetric Aminolysis of <i>meso</i> -Epoxides Catalyzed by a Proline-Based $\alpha$ -Dialkylamino-Indium Tris(triflate) Complex. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 1509-1518.             | 2.1 | 16        |



| #   | ARTICLE                                                                                                                                                                                                                                                   | IF  | CITATIONS |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 343 | Enantioselective Baeyer–Villiger Oxidation: Desymmetrization of Meso Cyclic Ketones and Kinetic Resolution of Racemic 2-Arylcyclohexanones. <i>Journal of the American Chemical Society</i> , 2012, 134, 17023-17026.                                     | 6.6 | 150       |
| 344 | Completely OH-Selective FeCl <sub>3</sub> -Catalyzed Prins Cyclization: Highly Stereoselective Synthesis of 4-OH-Tetrahydropyrans. <i>Journal of the American Chemical Society</i> , 2012, 134, 17564-17573.                                              | 6.6 | 85        |
| 345 | Asymmetric catalytic epoxidation of $\hat{1},\hat{2}$ -unsaturated carbonyl compounds with hydrogen peroxide: Additive-free and wide substrate scope. <i>Chemical Science</i> , 2012, 3, 1996.                                                            | 3.7 | 65        |
| 346 | Catalytic Asymmetric Friedel–Crafts Reaction of Activated Phenols and 4-oxo-4-arylbutenates. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 2096-2100.                                                                                              | 2.1 | 28        |
| 347 | Highly <i>Z</i> -selective Asymmetric Conjugate Addition of Alkynones with Pyrazolones Promoted by <i>N,N</i> -Dioxide–Metal Complexes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2776-2779.                                           | 7.2 | 105       |
| 348 | A Catalytic Asymmetric Ring–Expansion Reaction of Isatins and $\hat{1}$ -alkyl- $\hat{1}$ -diazoesters: Highly Efficient Synthesis of Functionalized 2-quinolone Derivatives. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 8644-8647.     | 7.2 | 120       |
| 349 | Enantioselective Synthesis of $\hat{1}$ -pyrazole-substituted Alcohols through an Asymmetric Ring–Opening Reaction of <i>meso</i> -epoxides. <i>Chemistry - A European Journal</i> , 2012, 18, 3473-3477.                                                 | 1.7 | 30        |
| 350 | Recent progress in enantioselective synthesis of C3-functionalized oxindoles: rare earth metals take action. <i>Chemical Science</i> , 2012, 3, 327-334.                                                                                                  | 3.7 | 401       |
| 351 | Chiral <i>N,N'</i> -Dioxide-Ni(II) Complex Catalyzed Asymmetric Carbonyl-Ene Reaction of Ethyl Trifluoropyruvate. <i>Acta Chimica Sinica</i> , 2012, 70, 1785.                                                                                            | 0.5 | 64        |
| 352 | Catalytic Asymmetric Vinylogous Mannich-type (AVM) Reaction of Nonactivated $\hat{1}$ -angelica lactone. <i>Organic Letters</i> , 2011, 13, 3056-3059.                                                                                                    | 2.4 | 113       |
| 353 | Enantioselective aza-Michael reaction of hydrazide to chalcones through the nonactivated amine moiety conjugated addition. <i>Chemical Communications</i> , 2011, 47, 4016.                                                                               | 2.2 | 29        |
| 354 | Asymmetric Synthesis of 3,4-Diaminochroman-2-ones Promoted by Guanidine and Bisguanidium Salt. <i>Organic Letters</i> , 2011, 13, 5060-5063.                                                                                                              | 2.4 | 98        |
| 355 | Asymmetric $\hat{1}$ -Amination of 4-Substituted Pyrazolones Catalyzed by a Chiral Gd(OTf) <sub>3</sub> / <i>N,N</i> -Dioxide Complex: Highly Enantioselective Synthesis of 4-Amino-5-pyrazolone Derivatives. <i>Organic Letters</i> , 2011, 13, 596-599. | 2.4 | 116       |
| 356 | Indium(III)-Catalyzed Asymmetric Hetero-Diels–Alder Reaction of Brassard-Type Diene with Aliphatic Aldehydes. <i>Organic Letters</i> , 2011, 13, 3868-3871.                                                                                               | 2.4 | 54        |
| 357 | Chiral <i>N,N</i> -Dioxides: New Ligands and Organocatalysts for Catalytic Asymmetric Reactions. <i>Accounts of Chemical Research</i> , 2011, 44, 574-587.                                                                                                | 7.6 | 587       |
| 358 | Highly Enantioselective Synthesis of Tetrahydroquinolines via Cobalt(II)-Catalyzed Tandem 1,5-Hydride Transfer/Cyclization. <i>Organic Letters</i> , 2011, 13, 600-603.                                                                                   | 2.4 | 143       |
| 359 | Catalytic Asymmetric Conjugate Allylation of Coumarins. <i>Organic Letters</i> , 2011, 13, 3814-3817.                                                                                                                                                     | 2.4 | 71        |
| 360 | Catalytic Asymmetric Chloroamination Reaction of $\hat{1},\hat{2}$ -Unsaturated $\hat{3}$ -keto Esters and Chalcones. <i>Journal of the American Chemical Society</i> , 2011, 133, 5636-5639.                                                             | 6.6 | 152       |

| #   | ARTICLE                                                                                                                                                                                                                                                                                                                                | IF   | CITATIONS |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 361 | New Electrophilic Addition of $\hat{I}\pm$ -Diazoesters with Ketones for Enantioselective C–N Bond Formation. <i>Journal of the American Chemical Society</i> , 2011, 133, 15268-15271.                                                                                                                                                | 6.6  | 116       |
| 362 | Asymmetric Strecker Reactions. <i>Chemical Reviews</i> , 2011, 111, 6947-6983.                                                                                                                                                                                                                                                         | 23.0 | 447       |
| 363 | Efficient Asymmetric Synthesis of 4-H-Chromene Derivatives through a Tandem Michael Addition–Cyclization Reaction Catalyzed by a Salen–Cobalt(II) Complex. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 137-142.                                                                                                         | 1.2  | 57        |
| 364 | Highly Enantioselective Direct Michael Addition of 1-H-Benzotriazole to Chalcones Catalyzed by Sc(OTf) <sub>3</sub> /N <sub>2</sub> O <sub>2</sub> Dioxide Complex. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 2039-2042.                                                                                              | 1.2  | 22        |
| 365 | Enantioselective Synthesis of $\hat{E}$ -Substituted $\hat{E}$ ,5-Benzodiazepines through Domino Reaction of $\hat{O}$ -Phenylenediamine and Chalcone Derivatives. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 5233-5236.                                                                                               | 1.2  | 35        |
| 366 | Catalytic Asymmetric Addition of Alkyl Enol Ethers to 1,2-Dicarbonyl Compounds: Highly Enantioselective Synthesis of Substituted 3-Alkyl- $\hat{B}$ -Hydroxyoxindoles. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2573-2577.                                                                                         | 7.2  | 122       |
| 367 | Highly Enantioselective Michael Addition of Pyrazolinones Catalyzed by Chiral Metal-N <sub>2</sub> O <sub>2</sub> Dioxide Complexes: Metal-Directed Switch in Enantioselectivity. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 4928-4932.                                                                              | 7.2  | 139       |
| 368 | Facile and Efficient Enantioselective Hydroxyamination Reaction: Synthesis of 3-Hydroxyamino- $\hat{O}$ -Oxindoles Using Nitrosoarenes. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 4684-4688.                                                                                                                        | 7.2  | 147       |
| 369 | Guanidine Organocatalyst for the Asymmetric Mannich-Type Reaction between $\hat{I}\pm$ -Isothiocyanato Imide and Sulfonyl Imines. <i>Chemistry - A European Journal</i> , 2011, 17, 2583-2586.                                                                                                                                         | 1.7  | 62        |
| 370 | Catalytic Asymmetric 1,3-Dipolar Cycloaddition of Nitrones to Alkylidene Malonates: Highly Enantioselective Synthesis of Multisubstituted Isoxazolidines. <i>Chemistry - A European Journal</i> , 2011, 17, 5226-5229.                                                                                                                 | 1.7  | 35        |
| 371 | Asymmetric Cycloaddition of $\hat{I}\pm$ -Unsaturated $\hat{I}\pm$ -Ketoesters with Electron-Rich Alkenes Catalyzed by a Chiral Er(OTf) <sub>3</sub> /N <sub>2</sub> O <sub>2</sub> Dioxide Complex: Highly Enantioselective Synthesis of 3,4-Dihydro- $\hat{E}$ -pyrans. <i>Chemistry - A European Journal</i> , 2011, 17, 8202-8208. | 1.7  | 66        |
| 372 | Asymmetric Synthesis of Tetrahydroquinolines with Quaternary Stereocenters through the Povarov Reaction. <i>Chemistry - A European Journal</i> , 2011, 17, 13800-13805.                                                                                                                                                                | 1.7  | 63        |
| 373 | Asymmetric Iodoamination of Chalcones and 4-Aryloxybutenoates Catalyzed by a Complex Based on Scandium(III) and a N <sub>2</sub> O <sub>2</sub> Dioxide Ligand. <i>Chemistry - A European Journal</i> , 2011, 17, 14916-14921.                                                                                                         | 1.7  | 82        |
| 374 | N <sub>2</sub> O <sub>2</sub> -nickel(II) complex catalyzed asymmetric Michael addition of cyclic 1,3-dicarbonyl compounds to $\hat{I}\pm$ -unsaturated $\hat{I}\pm$ -ketoesters. <i>Tetrahedron Letters</i> , 2011, 52, 3433-3436.                                                                                                    | 0.7  | 52        |
| 375 | Application of l-thiazolidine-4-carboxylic acid monolayer in electrochemical determination of copper(II). <i>Science China Chemistry</i> , 2010, 53, 257-262.                                                                                                                                                                          | 4.2  | 3         |
| 376 | Theoretical Study on Hetero-Diels–Alder Reaction of Butadiene with Benzaldehyde Catalyzed by Chiral In <sup>sup</sup> III <sup>sup</sup> Complexes. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 3867-3875.                                                                                                              | 1.2  | 6         |
| 377 | Recent Progress in the Chemically Catalyzed Enantioselective Synthesis of Cyanohydrins. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 4751-4769.                                                                                                                                                                          | 1.2  | 105       |
| 378 | Highly Efficient Asymmetric Three-Component Vinylogous Mannich Reaction Catalyzed by a Chiral Scandium(III)-N <sub>2</sub> O <sub>2</sub> Dioxide Complex. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 976-980.                                                                                                               | 2.1  | 35        |



| #   | ARTICLE                                                                                                                                                                                                                                                                | IF  | CITATIONS |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 379 | Highly Enantioselective Zinc-Catalyzed Friedel-Crafts Alkylation of Indoles with Ethyl Trifluoropyruvate. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 3174-3178.                                                                                              | 2.1 | 31        |
| 380 | Highly Enantioselective Synthesis of $\alpha$ -Amino- $\beta$ -Oxindole Derivatives: Catalytic Asymmetric $\alpha$ -Amination of $\alpha$ -Substituted $\beta$ -Oxindoles with a Chiral Scandium Complex. <i>Chemistry - A European Journal</i> , 2010, 16, 6632-6637. | 1.7 | 102       |
| 381 | Asymmetric Conjugate Addition of Nitromethane to Enones Catalyzed by Chiral $N,N$ -Dioxide-Scandium(III) Complexes. <i>Chemistry - A European Journal</i> , 2010, 16, 7696-7699.                                                                                       | 1.7 | 39        |
| 382 | Highly Enantioselective Synthesis of $\beta$ -Stereogenic Esters through Catalytic Asymmetric Michael Addition of $\alpha$ -Oxo- $\gamma$ -Arylbutenoates. <i>Chemistry - A European Journal</i> , 2010, 16, 10130-10136.                                              | 1.7 | 38        |
| 383 | Asymmetric Diels-Alder and Inverse-Electron-Demand Hetero-Diels-Alder Reactions of $\beta,\beta$ -Unsaturated $\alpha$ -Ketoesters with Cyclopentadiene Catalyzed by $N,N$ -Dioxide Copper(II) Complex. <i>Chemistry - A European Journal</i> , 2010, 16, 11963-11968. | 1.7 | 55        |
| 384 | Highly Enantioselective Conjugate Addition of Thioglycolate to Chalcones Catalyzed by Lanthanum: Low Catalyst Loading and Remarkable Chiral Amplification. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4290-4293.                                     | 7.2 | 93        |
| 385 | Asymmetric Three-Component Inverse Electron-Demand Aza-Diels-Alder Reaction: Efficient Synthesis of Ring-Fused Tetrahydroquinolines. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 3799-3802.                                                           | 7.2 | 194       |
| 386 | Highly Enantioselective Insertion of Carbenoids into $N-H$ Bonds Catalyzed by Copper(I) Complexes of Binol Derivatives. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4763-4766.                                                                        | 7.2 | 110       |
| 387 | Catalytic Asymmetric Bromoamination of Chalcones: Highly Efficient Synthesis of Chiral $\alpha$ -Bromo- $\beta$ -Amino Ketone Derivatives. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 6160-6164.                                                     | 7.2 | 180       |
| 388 | $N,N$ -Dioxide-scandium(III) complex catalyzed highly enantioselective Friedel-Crafts alkylation of indole to alkylidene malonates. <i>Tetrahedron</i> , 2010, 66, 1447-1457.                                                                                          | 1.0 | 32        |
| 389 | Enantioselective aza-Diels-Alder reaction of Brassard's diene with aldimines catalyzed by chiral $N,N$ -dioxide-Yb(OTf) <sub>3</sub> complex. <i>Tetrahedron Letters</i> , 2010, 51, 3088-3091.                                                                        | 0.7 | 27        |
| 390 | Catalytic Asymmetric Roskamp Reaction of $\alpha$ -Alkyl- $\beta$ -diazoesters with Aromatic Aldehydes: Highly Enantioselective Synthesis of $\alpha$ -Alkyl- $\beta$ -keto Esters. <i>Journal of the American Chemical Society</i> , 2010, 132, 8532-8533.            | 6.6 | 166       |
| 391 | AgAsF <sub>6</sub> /Sm(OTf) <sub>3</sub> Promoted Reversal of Enantioselectivity for the Asymmetric Friedel-Crafts Alkylations of Indoles with $\beta,\beta$ -Unsaturated $\alpha$ -Ketoesters. <i>Organic Letters</i> , 2010, 12, 180-183.                            | 2.4 | 94        |
| 392 | Chiral Bisguanidine-Catalyzed Inverse-Electron-Demand Hetero-Diels-Alder Reaction of Chalcones with Azlactones. <i>Journal of the American Chemical Society</i> , 2010, 132, 10650-10651.                                                                              | 6.6 | 177       |
| 393 | Catalytic Asymmetric Synthesis of Quaternary $\alpha$ -Hydroxy Trifluoromethyl Phosphonate via Chiral Aluminum(III) Catalyzed Hydrophosphonylation of Trifluoromethyl Ketones. <i>Organic Letters</i> , 2010, 12, 4296-4299.                                           | 2.4 | 57        |
| 394 | Asymmetric Cyanation of Activated Olefins with Ethyl Cyanofornate Catalyzed by a Modular Titanium Catalyst. <i>Organic Letters</i> , 2010, 12, 1280-1283.                                                                                                              | 2.4 | 77        |
| 395 | Highly enantioselective synthesis of 1,3-bis(hydroxymethyl)-2-oxindoles from unprotected oxindoles and formalin using a chiral Nd(III) complex. <i>Chemical Science</i> , 2010, 1, 590.                                                                                | 3.7 | 58        |
| 396 | Highly enantioselective aza-ene-type reaction catalyzed by chiral $N,N$ -dioxide-nickel(ii) complex. <i>Chemical Communications</i> , 2010, 46, 3771.                                                                                                                  | 2.2 | 48        |

| #   | ARTICLE                                                                                                                                                                                                                                                                       | IF  | CITATIONS |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 397 | Highly enantioselective Michael addition of malonates to $\hat{1}^2, \hat{1}^3$ -unsaturated $\hat{1}^\pm$ -ketoesters catalyzed by chiral N,N $\hat{1}^2$ -dioxide-Yttrium(III) complexes with convenient procedure. <i>Chemical Communications</i> , 2010, 46, 3601.        | 2.2 | 39        |
| 398 | Highly enantioselective $\hat{1}^\pm$ -chlorination of cyclic $\hat{1}^2$ -ketoesters catalyzed by N,N $\hat{1}^2$ -Dioxide using NCS as the chlorine source. <i>Chemical Communications</i> , 2010, 46, 1250.                                                                | 2.2 | 67        |
| 399 | Highly Efficient Synthesis of Quaternary $\hat{1}^\pm$ -Hydroxy Phosphonates via Lewis Acid-Catalyzed Hydrophosphonylation of Ketones. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 2567-2572.                                                                        | 2.1 | 65        |
| 400 | Enantioselective Friedel-Crafts Alkylation of Indoles with Alkylidene Malonates Catalyzed by N,N $\hat{1}^2$ -Dioxide-Scandium(III) Complexes: Asymmetric Synthesis of $\hat{1}^2$ -Carbolines. <i>Chemistry - A European Journal</i> , 2009, 15, 2055-2058.                  | 1.7 | 121       |
| 401 | Asymmetric Hydrophosphonylation of $\hat{1}^\pm$ -Ketoesters Catalyzed by Cinchona-Derived Thiourea Organocatalysts. <i>Chemistry - A European Journal</i> , 2009, 15, 589-592.                                                                                               | 1.7 | 90        |
| 402 | A N,N $\hat{1}^2$ -Dioxide-Copper(II) Complex as an Efficient Catalyst for the Enantioselective and Diastereoselective Mannich-Type Reaction of Glycine Schiff Bases with Aldimines. <i>Chemistry - A European Journal</i> , 2009, 15, 3678-3681.                             | 1.7 | 71        |
| 403 | Highly Enantioselective One-Pot, Three-Component Mannich-Type Reaction Catalyzed by an N,N $\hat{1}^2$ -Dioxide-Scandium(III) Complex. <i>Chemistry - A European Journal</i> , 2009, 15, 5884-5887.                                                                           | 1.7 | 53        |
| 404 | Highly Enantioselective Michael Addition of Malonate Derivatives to Enones Catalyzed by an N,N $\hat{1}^2$ -Dioxide-Scandium(III) Complex. <i>Chemistry - A European Journal</i> , 2009, 15, 6807-6810. <sup>1.7</sup>                                                        |     | 46        |
| 405 | Organocatalytic Enantioselective Michael Addition of 4-Hydroxycoumarin to $\hat{1}^\pm, \hat{1}^2$ -Unsaturated Ketones: A Simple Synthesis of Warfarin. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 5192-5197.                                                | 1.2 | 65        |
| 406 | Bifunctional Guanidine via an Amino Amide Skeleton for Asymmetric Michael Reactions of $\hat{1}^2$ -Ketoesters with Nitroolefins: A Concise Synthesis of Bicyclic $\hat{1}^2$ -Amino Acids. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5195-5198.           | 7.2 | 169       |
| 407 | Enantioselective Three-Component Kabachnik-Fields Reaction Catalyzed by Chiral Scandium(III)-N,N $\hat{1}^2$ -Dioxide Complexes. <i>Organic Letters</i> , 2009, 11, 1401-1404.                                                                                                | 2.4 | 68        |
| 408 | Highly enantioselective synthesis of tertiary alcohols: C2-symmetric N,N $\hat{1}^2$ -dioxide-Sc(III) complex promoted direct aldol reaction of $\hat{1}^\pm$ -ketoesters and diazoacetate esters. <i>Chemical Communications</i> , 2009, , 7297.                             | 2.2 | 44        |
| 409 | Organocatalyzed highly stereoselective Michael addition of ketones to alkylidene malonates and nitroolefins using chiral primary-secondary diamine catalysts based on bispidine. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 4120.                                   | 1.5 | 67        |
| 410 | Enantioselective Michael addition of malononitrile to chalcones catalyzed by a simple quinine-Al(OiPr) <sub>3</sub> complex: a simple method for the synthesis of a chiral 4H-pyran derivative. <i>Chemical Communications</i> , 2009, , 4711.                                | 2.2 | 51        |
| 411 | Amide-based bifunctional organocatalysts in asymmetric reactions. <i>Chemical Communications</i> , 2009, , 6145.                                                                                                                                                              | 2.2 | 193       |
| 412 | Direct Allylation of Aldimines Catalyzed by C <sub>2</sub> -Symmetric N,N $\hat{1}^2$ -Dioxide-Sc <sup>III</sup> Complexes: Highly Enantioselective Synthesis of Homoallylic Amines. <i>Chemistry - A European Journal</i> , 2008, 14, 4796-4798.                             | 1.7 | 70        |
| 413 | An N,N $\hat{1}^2$ -Dioxide/In(OTf) <sub>3</sub> Catalyst for the Asymmetric Hetero-Diels-Alder Reaction Between Danishefsky's Dienes and Aldehydes: Application in the Total Synthesis of Triketide. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 1308-1311. | 7.2 | 136       |
| 414 | Highly Enantioselective Direct Michael Addition of Nitroalkanes to Nitroolefins Catalyzed by La(OTf) <sub>3</sub> /N,N $\hat{1}^2$ -Dioxide Complexes. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 7079-7081.                                                | 7.2 | 77        |

| #   | ARTICLE                                                                                                                                                                                                                                                                            | IF  | CITATIONS |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 415 | Asymmetric Intramolecular Oxa-Michael Addition of Activated $\alpha,\beta$ -Unsaturated Ketones Catalyzed by a Chiral $N,N'$ -Dioxide Nickel(II) Complex: Highly Enantioselective Synthesis of Flavanones. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8670-8673. | 7.2 | 119       |
| 416 | Highly Enantioselective Allylation of Aromatic $\alpha$ -Keto Phosphonates Catalyzed by Chiral $N,N'$ -Dioxide Indium(III) Complexes. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 287-294.                                                                                | 2.1 | 45        |
| 417 | Asymmetric Ring Opening of <i>meso</i> Epoxides with Aromatic Amines Catalyzed by a New Proline-Based $N,N'$ -Dioxide Indium Tris(triflate) Complex. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 385-390.                                                                 | 2.1 | 59        |
| 418 | Highly Efficient Amine Organocatalysts Based on Bispidine for the Asymmetric Michael Addition of Ketones to Nitroolefins. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 2001-2006.                                                                                          | 2.1 | 62        |
| 419 | Chiral $N,N'$ -dioxide-iron(II) complexes catalyzed enantioselective oxa-Michael addition of $\alpha,\beta$ -unsaturated aldehydes. <i>Tetrahedron Letters</i> , 2008, 49, 6663-6666.                                                                                              | 0.7 | 24        |
| 420 | Asymmetric Carbonyl-Ene Reaction Catalyzed by Chiral $N,N'$ -Dioxide-Nickel(II) Complex: Remarkably Broad Substrate Scope. <i>Journal of the American Chemical Society</i> , 2008, 130, 15770-15771.                                                                               | 6.6 | 117       |
| 421 | Asymmetric Direct Aldol Reaction of Functionalized Ketones Catalyzed by Amine Organocatalysts Based on Bispidine. <i>Journal of the American Chemical Society</i> , 2008, 130, 5654-5655.                                                                                          | 6.6 | 162       |
| 422 | Enantioselective Aza-Diels-Alder Reaction of Aldimines with Danishefsky-Type Diene Catalyzed by Chiral Scandium(III)- $N,N'$ -Dioxide Complexes. <i>Journal of Organic Chemistry</i> , 2008, 73, 630-637.                                                                          | 1.7 | 86        |
| 423 | Enantioselective Allylation of Ketones Catalyzed by $N,N'$ -Dioxide and Indium(III) Complex. <i>Journal of Organic Chemistry</i> , 2007, 72, 5227-5233.                                                                                                                            | 1.7 | 90        |
| 424 | Enantioselective Strecker Reaction of Phosphinoyl Ketoimines Catalyzed by in Situ Prepared Chiral $N,N'$ -Dioxides. <i>Journal of Organic Chemistry</i> , 2007, 72, 204-208.                                                                                                       | 1.7 | 92        |
| 425 | Highly Enantioselective Allylation of $\alpha$ -Ketoesters Catalyzed by $N,N'$ -Dioxide Indium(III) Complexes. <i>Journal of Organic Chemistry</i> , 2007, 72, 8478-8483.                                                                                                          | 1.7 | 63        |
| 426 | Enantioselective Cyanosilylation of $\alpha,\beta$ -Dialkoxy Ketones Catalyzed by Proline-Derived in-Situ-Prepared $N$ -Oxide as Bifunctional Organocatalyst. <i>Journal of Organic Chemistry</i> , 2007, 72, 2374-2378.                                                           | 1.7 | 86        |
| 427 | A Chiral Functionalized Salt-Catalyzed Asymmetric Michael Addition of Ketones to Nitroolefins. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 2156-2166.                                                                                                                     | 2.1 | 65        |
| 428 | Asymmetric Direct Aldol Reaction of $\alpha$ -Keto Esters and Acetone Catalyzed by Bifunctional Organocatalysts. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 2665-2668.                                                                                                   | 2.1 | 63        |
| 429 | Highly Efficient Approach to 4-Ethoxy-5,6-dihydro-6,6-disubstituted Pyran-2-ones using a Combinational Lewis Acid-Base System. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 939-944.                                                                                       | 2.1 | 6         |
| 430 | Enantioselective Cyanosilylation of Ketones Catalyzed by a Nitrogen-Containing Bifunctional Catalyst. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 538-544.                                                                                                                | 2.1 | 74        |
| 431 | Asymmetric Strecker Reaction of Ketoimines Catalyzed by a Novel Chiral Bifunctional $N,N'$ -Dioxide. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 2579-2584.                                                                                                               | 2.1 | 81        |
| 432 | A Mild and Efficient Asymmetric Hetero-Diels-Alder Reaction of the Brassard Diene with Aldehydes. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 3542-3552.                                                                                                            | 1.2 | 45        |

| #   | ARTICLE                                                                                                                                                                                                                                            | IF  | CITATIONS |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 433 | Catalytic Asymmetric Cyanosilylation of Ketones by a Chiral Amino Acid Salt. <i>Journal of the American Chemical Society</i> , 2005, 127, 12224-12225.                                                                                             | 6.6 | 165       |
| 434 | Asymmetric Cyanosilylation of Ketones Catalyzed by Bifunctional Chiral N-Oxide Titanium Complex Catalysts. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 129-137.                                                                     | 1.2 | 64        |
| 435 | Effective Activation of the Chiral Salen/Ti(OiPr) <sub>4</sub> Catalyst with Achiral Phenolic N-Oxides as Additives in the Enantioselective Cyanosilylation of Ketones. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 4657-4666.      | 1.2 | 46        |
| 436 | Enantioselective Strecker Reactions between Aldimines and Trimethylsilyl Cyanide Promoted by Chiral N,N'-Dioxides. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 3818-3826.                                                           | 1.2 | 87        |
| 437 | Catalytic Asymmetric Oxidation of Alkyl Aryl Sulfides Mediated by a Series of Chiral N-Alkyl-1,2-diphenylaminoethanol/Titanium/Water Complexes. <i>Synthetic Communications</i> , 2003, 33, 2793-2801.                                             | 1.1 | 9         |
| 438 | Synthesis and crystal structure of bis[(4S,5S)-4,5-dihydro-4,5-diphenyl-2-(2-oxidophenyl-1H-oxazole-1H)copper(II) and its application in the asymmetric Baeyer-Villiger reaction. <i>Journal of Organometallic Chemistry</i> , 2001, 619, 204-208. | 0.8 | 34        |
| 439 | Bimetallic Palladium/Cobalt Catalysis for Enantioselective Allylic C-H Alkylation via a Transient Chiral Nucleophile Strategy. <i>Angewandte Chemie</i> , 0, , .                                                                                   | 1.6 | 10        |
| 440 | Phenolic Hydroxyl-Functionalized Covalent Organic Frameworks for Formal [3+2] Reaction. <i>Macromolecular Chemistry and Physics</i> , 0, , 2100462.                                                                                                | 1.1 | 0         |
| 441 | Asymmetric Catalytic (2+1) Cycloaddition of Thioketones to Synthesize Tetrasubstituted Thiiranes. <i>Angewandte Chemie</i> , 0, , .                                                                                                                | 1.6 | 2         |
| 442 | Photoinduced Chemo-, Site- and Stereoselective $\alpha$ -C(sp <sup>3</sup> )-H Functionalization of Sulfides. <i>Angewandte Chemie</i> , 0, , .                                                                                                    | 1.6 | 1         |
| 443 | A nickel( $\eta^5$ -indenyl)-catalyzed enantioselective all-carbon-based inverse-electron-demand Diels-Alder reaction of 2-pyrones with indenones. <i>Organic Chemistry Frontiers</i> , 0, , .                                                     | 2.3 | 5         |