

Changwu Zheng

List of Publications by Year in descending order

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136950
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docs citations

92
times ranked

2558
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Structural diversity and biological activities of caged Garcinia xanthonoids: recent updates. , 2022, 1, . | | 8 |
| 2 | Recent advances in the synthesis of natural products containing the phloroglucinol motif. Natural Product Reports, 2022, 39, 1766-1802. | 10.3 | 7 |
| 3 | Organophosphine bearing multiple hydrogen-bond donors for asymmetric Michael addition reaction of 1-oxindane-2-carboxylic acid ester via dual-reagent catalysis. Chinese Chemical Letters, 2021, 32, 708-712. | 9.0 | 7 |
| 4 | An efficient approach for the synthesis of 1,2-dihydroxanthones enabled by one-pot Claisen condensation/cyclization reactions. Organic and Biomolecular Chemistry, 2021, 19, 4126-4131. | 2.8 | 3 |
| 5 | Strategies towards <i>endo</i> -type B polycyclic polyprenylated acylphloroglucinols: total synthesis of <i>regio</i> -hyperibone L and (+)- <i>epi</i> -clusianone. Organic Chemistry Frontiers, 2021, 8, 2525-2531. | 4.5 | 6 |
| 6 | Enantioselectivity switch in asymmetric Michael addition reactions using phosphonium salts. Organic and Biomolecular Chemistry, 2021, 19, 6334-6340. | 2.8 | 2 |
| 7 | Stereodivergent Strategy in Structural Determination: Asymmetric Total Synthesis of Garcinol, Cambogin, and Related Analogues. Organic Letters, 2021, 23, 4203-4208. | 4.6 | 17 |
| 8 | Safranal Alleviated OVA-Induced Asthma Model and Inhibits Mast Cell Activation. Frontiers in Immunology, 2021, 12, 585595. | 4.8 | 16 |
| 9 | Polycyclic polyprenylated acylphloroglucinol congeners from Garcinia yunnanensis Hu with inhibitory effect on $\text{I}\pm$ -hemolysin production in Staphylococcus aureus. Bioorganic Chemistry, 2021, 114, 105074. | 4.1 | 5 |
| 10 | Asymmetric Synthesis of 2,2-Difluorotetrahydrofurans through Palladium-Catalyzed Formal [3+2] Cycloaddition. Angewandte Chemie - International Edition, 2021, 60, 23641-23645. | 13.8 | 30 |
| 11 | Xanthone Glucosides: Isolation, Bioactivity and Synthesis. Molecules, 2021, 26, 5575. | 3.8 | 23 |
| 12 | Studies toward the Total Synthesis of Xanthochymol. Chinese Journal of Organic Chemistry, 2021, 41, 4421. | 1.3 | 2 |
| 13 | <i>N</i> -Protecting group tuning of the enantioselectivity in Strecker reactions of trifluoromethyl ketimines to synthesize quaternary $\text{I}\pm$ -trifluoromethyl amino nitriles by ion pair catalysis. Chemical Communications, 2020, 56, 1581-1584. | 4.1 | 17 |
| 14 | Bicyclic polyprenylated acylphloroglucinols and their derivatives: structural modification, structure-activity relationship, biological activity and mechanism of action. European Journal of Medicinal Chemistry, 2020, 205, 112646. | 5.5 | 21 |
| 15 | Enantioselective Michael Addition Reactions to Construct SCF_3 -containing Stereocenter Catalyzed by Chiral Quaternary Phosphonium Salts. Advanced Synthesis and Catalysis, 2020, 362, 5765-5771. | 4.3 | 4 |
| 16 | The Protective Effects and Potential Mechanisms of Ligusticum chuanxiong: Focus on Anti-Inflammatory, Antioxidant, and Antiapoptotic Activities. Evidence-based Complementary and Alternative Medicine, 2020, 2020, 1-9. | 1.2 | 21 |
| 17 | Enantioselective Vinylogous Mannich-Type Reactions to Construct CF_3 -Containing Stereocenters Catalysed by Chiral Quaternary Phosphonium Salts. Advanced Synthesis and Catalysis, 2020, 362, 1851-1857. | 4.3 | 11 |
| 18 | Synthesis of NH-S Sulfoximines by Using Recyclable Hypervalent Iodine(III) Reagents under Aqueous Micellar Conditions. ChemSusChem, 2020, 13, 922-928. | 6.8 | 22 |

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|----|--|-----|-----------|
| 19 | Cytotoxic xanthone derivatives from the twigs of <i>Garcinia oligantha</i> . <i>Phytochemistry</i> , 2020, 174, 112329. | 2.9 | 12 |
| 20 | Xanthone derivatives from the leaves of <i>Garcinia oligantha</i> . <i>European Journal of Medicinal Chemistry</i> , 2019, 181, 111536. | 5.5 | 15 |
| 21 | Uncariitannin, a polyphenolic polymer from <i>Uncaria gambier</i> , attenuates <i>Staphylococcus aureus</i> virulence through an MgrA-mediated regulation of β -hemolysin. <i>Pharmacological Research</i> , 2019, 147, 104328. | 7.1 | 6 |
| 22 | Bifunctional Ion Pair Catalysts from Chiral α -Amino Acids. <i>Chinese Journal of Chemistry</i> , 2019, 37, 1111-1119. | 4.9 | 46 |
| 23 | Me ₂ AlSEt-Promoted Domino Dieckmann Cyclization Enables the Total Synthesis of Polycyclic Polyprenylated Acylphloroglucinols. <i>Organic Letters</i> , 2019, 21, 8075-8079. | 4.6 | 26 |
| 24 | Asymmetric Total Synthesis of Vincadifformine Enabled by a Thiourea-Phosphonium Salt Catalyzed Mannich-Type Reaction. <i>Chemistry - A European Journal</i> , 2019, 25, 6306-6310. | 3.3 | 19 |
| 25 | Asymmetric cyclizations via a sequential Michael addition/Conia-ene reaction by combining multifunctional quaternary phosphonium salt and silver catalysis. <i>Tetrahedron</i> , 2019, 75, 2706-2716. | 1.9 | 20 |
| 26 | Safranal Alleviates Dextran Sulfate Sodium-Induced Colitis and Suppresses Macrophage-Mediated Inflammation. <i>Frontiers in Pharmacology</i> , 2019, 10, 1281. | 3.5 | 29 |
| 27 | Cytotoxic Prenylated Xanthenes from the Leaves of <i>Garcinia bracteata</i> . <i>Planta Medica</i> , 2019, 85, 444-452. | 1.3 | 10 |
| 28 | Bioactive scalemic caged xanthenes from the leaves of <i>Garcinia bracteata</i> . <i>Bioorganic Chemistry</i> , 2019, 82, 274-283. | 4.1 | 20 |
| 29 | A multidimensional analytical approach based on time-decoupled online comprehensive two-dimensional liquid chromatography coupled with ion mobility quadrupole time-of-flight mass spectrometry for the analysis of ginsenosides from white and red ginsengs. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 163, 24-33. | 2.8 | 47 |
| 30 | Gaudichaudione H Inhibits Inflammatory Responses in Macrophages and Dextran Sodium Sulfate-Induced Colitis in Mice. <i>Frontiers in Pharmacology</i> , 2019, 10, 1561. | 3.5 | 14 |
| 31 | Highly enantioselective 1,3-dipolar cycloaddition of imino esters with benzofuranone derivatives catalyzed by thiourea-quaternary ammonium salt. <i>Tetrahedron</i> , 2018, 74, 7485-7494. | 1.9 | 23 |
| 32 | Total Synthesis of Norsampsones A and B, Garcinielliptones N and O, and Hyperscabrin A. <i>Journal of Natural Products</i> , 2018, 81, 2582-2589. | 3.0 | 9 |
| 33 | Enantioselective direct Mannich reactions of 3-substituted oxindoles catalyzed by chiral phosphine via dual-reagent catalysis. <i>Tetrahedron</i> , 2018, 74, 4134-4144. | 1.9 | 21 |
| 34 | Bifunctional Quaternary Ammonium Salts Catalyzed Stereoselective Conjugate Addition of Oxindoles to Electron-Deficient I ² -Haloalkenes. <i>Journal of Organic Chemistry</i> , 2017, 82, 4840-4850. | 3.2 | 20 |
| 35 | Enantioselective Mannich-Type Reactions to Construct Trifluoromethylthio-Containing Tetrasubstituted Carbon Stereocenters <i>via</i> Asymmetric Dual-Reagent Catalysis. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 2942-2948. | 4.3 | 33 |
| 36 | Enantioselective direct Mannich reaction of functionalized acetonitrile to N-Boc imines catalyzed by quaternary phosphonium catalysis. <i>Tetrahedron</i> , 2017, 73, 2349-2358. | 1.9 | 21 |

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|----|--|------|-----------|
| 37 | One-pot synthesis of (ethoxycarbonyl)difluoromethylthioethers from thiocyanate sodium and ethyl 2-(trimethylsilyl)-2,2-difluoroacetate (TMS-CF ₂ CO ₂ Et). <i>Tetrahedron</i> , 2017, 73, 6057-6066. | 1.9 | 12 |
| 38 | Garcinyunnanamines A-C, novel cytotoxic polycyclic polyprenylated acylphloroglucinol imines from <i>Garcinia yunnanensis</i> . <i>Organic Chemistry Frontiers</i> , 2017, 4, 2102-2108. | 4.5 | 18 |
| 39 | Enantioselective Michael Addition of Malonates to Chalcone Derivatives Catalyzed by Dipeptide-derived Multifunctional Phosphonium Salts. <i>Journal of Organic Chemistry</i> , 2016, 81, 9973-9982. | 3.2 | 56 |
| 40 | Enantioselective Construction of Spirocyclic Oxindoles via Tandem Michael/Michael Reactions Catalyzed by Multifunctional Quaternary Phosphonium Salt. <i>Journal of Organic Chemistry</i> , 2016, 81, 10558-10568. | 3.2 | 51 |
| 41 | Synthesis and biological evaluation of Oblongifolin C derivatives as c-Met inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 4120-4128. | 3.0 | 15 |
| 42 | Thiourea-Quaternary Ammonium Salt Catalyzed Asymmetric 1, 3-Dipolar Cycloaddition of Imino Esters To Construct Spiro[pyrrolidin-3,3'-oxindoles]. <i>Organic Letters</i> , 2016, 18, 4774-4777. | 4.6 | 65 |
| 43 | Total Synthesis of Gelsedilam by Means of a Thiol-Mediated Diastereoselective Conjugate Addition-Aldol Reaction. <i>Chemistry - A European Journal</i> , 2016, 22, 18339-18342. | 3.3 | 15 |
| 44 | Asymmetric cyanation of imines via dipeptide-derived organophosphine dual-reagent catalysis. <i>Nature Communications</i> , 2016, 7, 12720. | 12.8 | 66 |
| 45 | Enantioselective Direct Mannich Reactions of Cyclic β^2 -Ketoesters Catalyzed by Chiral Phosphine via a Novel Dual-Reagent Catalysis. <i>Organic Letters</i> , 2015, 17, 688-691. | 4.6 | 44 |
| 46 | Regioselective aerobic oxidative Heck reactions with electronically unbiased alkenes: efficient access to 1-alkyl vinylarenes. <i>Chemical Communications</i> , 2015, 51, 12771-12774. | 4.1 | 35 |
| 47 | Asymmetric Robinson-Type Annulation Reaction between β^2 -Ketoamides and α,β^2 -Unsaturated Ketones. <i>Journal of Organic Chemistry</i> , 2015, 80, 3798-3805. | 3.2 | 23 |
| 48 | Palladium(II)-Catalyzed Formal [3 + 2] Cycloaddition of Aziridines with 3-Substituted Indoles: Synthesis of Enantioenriched Pyrroloindolines. <i>Journal of Organic Chemistry</i> , 2015, 80, 10710-10718. | 3.2 | 34 |
| 49 | Asymmetric Dual-Reagent Catalysis: Mannich-Type Reactions Catalyzed by Ion Pair. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1775-1779. | 13.8 | 79 |
| 50 | Enantioselective Total Synthesis of (β^2)-Maoecrystal V. <i>Journal of the American Chemical Society</i> , 2014, 136, 17750-17756. | 13.7 | 78 |
| 51 | Synthesis of Spiro[chroman/tetrahydrothiophene-3,3'-oxindole] Scaffolds via Heteroatom-Michael-Michael Reactions: Easily Controlled Enantioselectivity via Bifunctional Catalysts. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 579-583. | 4.3 | 54 |
| 52 | Organocatalyzed aza-Michael-Michael cascade reactions to construct spirooxindole tetrahydroquinolines with all-carbon chiral centers. <i>RSC Advances</i> , 2013, 3, 16999. | 3.6 | 38 |
| 53 | Divergent Total Syntheses of (β^2)-Lycoplamine D, (+)-Fawcettidine, and (+)-Lycoposerramine Q. <i>Organic Letters</i> , 2013, 15, 5846-5849. | 4.6 | 27 |
| 54 | Aerobic Oxidative Heck/Dehydrogenation Reactions of Cyclohexenones: Efficient Access to meta-Substituted Phenols. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3672-3675. | 13.8 | 136 |

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|----|--|------|-----------|
| 55 | Catalyst-Controlled Regioselectivity in the Synthesis of Branched Conjugated Dienes via Aerobic Oxidative Heck Reactions. <i>Journal of the American Chemical Society</i> , 2012, 134, 16496-16499. | 13.7 | 135 |
| 56 | Tandem cross-Rauhut–Currier/cyclization reactions of activated alkenes to give densely functionalized 3,4-dihydropyrans. <i>Tetrahedron</i> , 2011, 67, 1768-1773. | 1.9 | 34 |
| 57 | Bifunctional cinchona alkaloids-catalyzed asymmetric [4+2] cycloaddition reaction of β,γ -unsaturated α,β -keto esters with oxazolones. <i>Tetrahedron</i> , 2011, 67, 3337-3342. | 1.9 | 30 |
| 58 | Highly Enantioselective Epoxidation of α,β -Unsaturated Ketones Catalyzed by Primary–Secondary Diamines. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 3129-3133. | 4.3 | 25 |
| 59 | Asymmetric epoxidation of α,β -unsaturated ketones using α,β -diarylprolinols as catalysts. <i>Science Bulletin</i> , 2010, 55, 1712-1722. | 1.7 | 8 |
| 60 | Theoretical Investigation on the Mechanism and Design of Catalysts for Nitrolysis of Hexamine. <i>Chinese Journal of Chemistry</i> , 2010, 28, 1553-1558. | 4.9 | 6 |
| 61 | Highly Enantioselective Michael Addition of Cyclic 1,3-Dicarbonyl Compounds to β,γ -Unsaturated α,β -Keto Esters. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 1648-1652. | 4.3 | 75 |
| 62 | The Enantioselective, Organocatalyzed Diels–Alder Reaction of 2-Vinylindoles with α,β -Unsaturated Aldehydes: An Efficient Route to Functionalized Tetrahydrocarbazoles. <i>Chemistry - A European Journal</i> , 2010, 16, 5853-5857. | 3.3 | 113 |
| 63 | Asymmetric [3+2] Cycloadditions of Allenes and Dual Activated Olefins Catalyzed by Simple Bifunctional <i>N</i> -Acyl Aminophosphines. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4467-4470. | 13.8 | 286 |
| 64 | Enantioselective Synthesis of Functionalized Fluorinated Cyclohexenones via Robinson Annulation Catalyzed by Primary–Secondary Diamines. <i>Journal of Organic Chemistry</i> , 2010, 75, 117-122. | 3.2 | 55 |
| 65 | Highly Efficient Asymmetric Epoxidation of Electron-Deficient α,β -Enones and Related Applications to Organic Synthesis. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 1685-1691. | 4.3 | 77 |
| 66 | Highly Enantioselective Michael Addition of α,β -Substituted Cyano Ketones to β,γ -Unsaturated α,β -Keto Esters using Bifunctional Thiourea–Tertiary Amine Catalysts: An Easy Access to Chiral Dihydropyrans. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 2811-2816. | 4.3 | 70 |
| 67 | Chiral Primary–Secondary Diamines Catalyzed Michael–Aldol–Dehydration Reaction between Benzoylacetates and α,β -Unsaturated Ketones: Highly Enantioselective Synthesis of Functionalized Chiral Cyclohexenones. <i>Chemistry - A European Journal</i> , 2009, 15, 13295-13298. | 3.3 | 51 |
| 68 | Asymmetric Synthesis of Fluorinated Flavanone Derivatives by an Organocatalytic Tandem Intramolecular Oxa–Michael Addition/Electrophilic Fluorination Reaction by Using Bifunctional Cinchona Alkaloids. <i>Chemistry - A European Journal</i> , 2009, 15, 13299-13303. | 3.3 | 76 |
| 69 | Enantioselective synthesis of multifunctionalized 4H-pyran derivatives using bifunctional thiourea-tertiary amine catalysts. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 1046-1051. | 1.8 | 63 |
| 70 | Facile Stereoselective Synthesis of Fluorinated Flavanone Derivatives via a One-Pot Tandem Reaction. <i>Journal of Organic Chemistry</i> , 2009, 74, 1400-1402. | 3.2 | 28 |
| 71 | Highly enantio- and diastereoselective synthesis of α -trifluoromethyldihydropyrans using a novel bifunctional piperazine-thiourea catalyst. <i>Chemical Communications</i> , 2009, , 7369. | 4.1 | 61 |
| 72 | An unexpected tandem enantioselective Michael addition/oxa-nucleophilic rearrangement reaction of β,γ -unsaturated α,β -keto esters catalyzed by cinchona alkaloids. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 2608-2615. | 1.8 | 21 |

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|----|---|-----|-----------|
| 73 | Organocatalyzed Friedel-Craft-type reaction of 2-naphthol with α,β -unsaturated α -keto ester to form novel optically active naphthopyran derivatives. Tetrahedron: Asymmetry, 2008, 19, 2699-2704. | 1.8 | 77 |
| 74 | Highly Enantioselective Organocatalyzed Construction of Quaternary Carbon Centers <i>via</i> Cross-Aldol Reaction of Ketones in Water. Advanced Synthesis and Catalysis, 2008, 350, 2690-2694. | 4.3 | 72 |
| 75 | Enantioselective catalytic epoxidation of α,β -enones promoted by fluorous α,β -diaryl- γ -prolinols. Journal of Fluorine Chemistry, 2008, 129, 45-50. | 1.7 | 47 |
| 76 | Highly enantioselective tandem cyclopropanation/Wittig reaction of α,β -unsaturated aldehydes with arsonium ylides catalyzed by recyclable dendritic catalyst. Tetrahedron: Asymmetry, 2008, 19, 701-708. | 1.8 | 37 |
| 77 | Asymmetric reduction of substituted indanones and tetralones catalyzed by chiral dendrimer and its application to the synthesis of (+)-sertraline. Tetrahedron: Asymmetry, 2006, 17, 2074-2081. | 1.8 | 39 |
| 78 | Asymmetric Dieckmann Condensation towards Spirocyclic Oxindoles Catalyzed by Amino Acid-derived Phosphonium Salt. Advanced Synthesis and Catalysis, 0, , . | 4.3 | 0 |