

Changwu Zheng

List of Publications by Year in descending order

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78
papers

2,982
citations

136740

32
h-index

174990

52
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92
all docs

92
docs citations

92
times ranked

2558
citing authors

#	ARTICLE	IF	CITATIONS
1	Asymmetric [3+2] Cycloadditions of Allenolates and Dual Activated Olefins Catalyzed by Simple Bifunctional β -N-acyl Aminophosphines. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4467-4470.	7.2	286
2	Aerobic Oxidative Heck/Dehydrogenation Reactions of Cyclohexenones: Efficient Access to β -Substituted Phenols. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3672-3675.	7.2	136
3	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.	6.6	135
4	The Enantioselective, Organocatalyzed Diels-Alder Reaction of β -Vinylindoles with α,β -Unsaturated Aldehydes: An Efficient Route to Functionalized Tetrahydrocarbazoles. <i>Chemistry - A European Journal</i> , 2010, 16, 5853-5857.	1.7	113
5	Asymmetric Dual-Reagent Catalysis: Mannich-type Reactions Catalyzed by Ion Pair. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1775-1779.	7.2	79
6	Enantioselective Total Synthesis of (β)-Maoecrystal V. <i>Journal of the American Chemical Society</i> , 2014, 136, 17750-17756.	6.6	78
7	Organocatalyzed Friedel-Craft-type reaction of 2-naphthol with α,β -unsaturated β -keto ester to form novel optically active naphthopyran derivatives. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 2699-2704.	1.8	77
8	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.	2.1	77
9	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.	1.7	76
10	Highly Enantioselective Michael Addition of Cyclic 1,3-Dicarbonyl Compounds to α,β -Unsaturated β -Keto Esters. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 1648-1652.	2.1	75
11	Highly Enantioselective Organocatalyzed Construction of Quaternary Carbon Centers <i>via</i> Cross-Aldol Reaction of Ketones in Water. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 2690-2694.	2.1	72
12	Highly Enantioselective Michael Addition of α -Substituted Cyano Ketones to α,β -Unsaturated 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.	2.1	70
13	Asymmetric cyanation of imines via dipeptide-derived organophosphine dual-reagent catalysis. <i>Nature Communications</i> , 2016, 7, 12720.	5.8	66
14	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.	2.4	65
15	Enantioselective synthesis of multifunctionalized 4H-pyran derivatives using bifunctional thiourea-tertiary amine catalysts. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 1046-1051.	1.8	63
16	Highly enantio- and diastereoselective synthesis of β -trifluoromethyl dihydropyrans using a novel bifunctional piperazine-thiourea catalyst. <i>Chemical Communications</i> , 2009, , 7369.	2.2	61
17	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.	1.7	56
18	Enantioselective Synthesis of Functionalized Fluorinated Cyclohexenones via Robinson Annulation Catalyzed by Primary-Secondary Diamines. <i>Journal of Organic Chemistry</i> , 2010, 75, 117-122.	1.7	55

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19	Synthesis of Spiro [chroman/tetrahydrothiophene-3,3'-oxindole] Scaffolds via Heteroatom-Michael-Michael Reactions: Easily Controlled Enantioselectivity Bifunctional Catalysts. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 579-583.	2.1	54
20	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.	1.7	51
21	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.	1.7	51
22	Enantioselective catalytic epoxidation of α,β -enones promoted by fluorinated-diaryl-prolinols. <i>Journal of Fluorine Chemistry</i> , 2008, 129, 45-50.	0.9	47
23	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.	1.4	47
24	Bifunctional Ion Pair Catalysts from Chiral α -Amino Acids. <i>Chinese Journal of Chemistry</i> , 2019, 37, 1111-1119.	2.6	46
25	Enantioselective Direct Mannich Reactions of Cyclic β -Ketoesters Catalyzed by Chiral Phosphine via a Novel Dual-Reagent Catalysis. <i>Organic Letters</i> , 2015, 17, 688-691.	2.4	44
26	Asymmetric reduction of substituted indanones and tetralones catalyzed by chiral dendrimer and its application to the synthesis of (+)-sertraline. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 2074-2081.	1.8	39
27	Organocatalyzed aza-Michael-Michael cascade reactions to construct spirooxindole tetrahydroquinolines with all-carbon chiral centers. <i>RSC Advances</i> , 2013, 3, 16999.	1.7	38
28	Highly enantioselective tandem cyclopropanation/Wittig reaction of α,β -unsaturated aldehydes with arsonium ylides catalyzed by recyclable dendritic catalyst. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 701-708.	1.8	37
29	Regioselective aerobic oxidative Heck reactions with electronically unbiased alkenes: efficient access to β -alkyl vinylarenes. <i>Chemical Communications</i> , 2015, 51, 12771-12774.	2.2	35
30	Tandem cross-Rauhut-Currier/cyclization reactions of activated alkenes to give densely functionalized 3,4-dihydropyrans. <i>Tetrahedron</i> , 2011, 67, 1768-1773.	1.0	34
31	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.	1.7	34
32	Enantioselective Mannich-Type Reactions to Construct Trifluoromethylthio-Containing Tetrasubstituted Carbon Stereocenters via Asymmetric Dual-Reagent Catalysis. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 2942-2948.	2.1	33
33	Bifunctional cinchona alkaloids-catalyzed asymmetric [4+2] cycloaddition reaction of α,β -unsaturated β -keto esters with oxazolones. <i>Tetrahedron</i> , 2011, 67, 3337-3342.	1.0	30
34	Asymmetric Synthesis of 2,2-Difluorotetrahydrofurans through Palladium-Catalyzed Formal [3+2] Cycloaddition. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 23641-23645.	7.2	30
35	Safranal Alleviates Dextran Sulfate Sodium-Induced Colitis and Suppresses Macrophage-Mediated Inflammation. <i>Frontiers in Pharmacology</i> , 2019, 10, 1281.	1.6	29
36	Facile Stereoselective Synthesis of Fluorinated Flavanone Derivatives via a One-Pot Tandem Reaction. <i>Journal of Organic Chemistry</i> , 2009, 74, 1400-1402.	1.7	28

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37	Divergent Total Syntheses of (±)-Lycopladine D, (+)-Fawcettidine, and (+)-Lycoposerramine Q. <i>Organic Letters</i> , 2013, 15, 5846-5849.	2.4	27
38	Me ₂ AlEt-Promoted Domino Dieckmann Cyclization Enables the Total Synthesis of Polycyclic Polyprenylated Acylphloroglucinols. <i>Organic Letters</i> , 2019, 21, 8075-8079.	2.4	26
39	Highly Enantioselective Epoxidation of α,β -Unsaturated Ketones Catalyzed by Primary-Secondary Diamines. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 3129-3133.	2.1	25
40	Asymmetric Robinson-Type Annulation Reaction between β -Ketoamides and α,β -Unsaturated Ketones. <i>Journal of Organic Chemistry</i> , 2015, 80, 3798-3805.	1.7	23
41	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.	1.0	23
42	Xanthone Glucosides: Isolation, Bioactivity and Synthesis. <i>Molecules</i> , 2021, 26, 5575.	1.7	23
43	Synthesis of NH-Sulfoximines by Using Recyclable Hypervalent Iodine(III) Reagents under Aqueous Micellar Conditions. <i>ChemSusChem</i> , 2020, 13, 922-928.	3.6	22
44	An unexpected tandem enantioselective Michael addition/oxa-nucleophilic rearrangement reaction of β,β -unsaturated α -keto esters catalyzed by cinchona alkaloids. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 2608-2615.	1.8	21
45	Enantioselective direct Mannich reaction of functionalized acetonitrile to N-Boc imines catalyzed by quaternary phosphonium catalysis. <i>Tetrahedron</i> , 2017, 73, 2349-2358.	1.0	21
46	Enantioselective direct Mannich reactions of 3-substituted oxindoles catalyzed by chiral phosphine via dual-reagent catalysis. <i>Tetrahedron</i> , 2018, 74, 4134-4144.	1.0	21
47	Bicyclic polyprenylated acylphloroglucinols and their derivatives: structural modification, structure-activity relationship, biological activity and mechanism of action. <i>European Journal of Medicinal Chemistry</i> , 2020, 205, 112646.	2.6	21
48	The Protective Effects and Potential Mechanisms of Ligusticum chuanxiong: Focus on Anti-Inflammatory, Antioxidant, and Antiapoptotic Activities. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-9.	0.5	21
49	Bifunctional Quaternary Ammonium Salts Catalyzed Stereoselective Conjugate Addition of Oxindoles to Electron-Deficient β -Haloalkenes. <i>Journal of Organic Chemistry</i> , 2017, 82, 4840-4850.	1.7	20
50	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.	1.0	20
51	Bioactive scalemic caged xanthenes from the leaves of <i>Garcinia bracteata</i> . <i>Bioorganic Chemistry</i> , 2019, 82, 274-283.	2.0	20
52	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.	1.7	19
53	Garcinyunnanamines A-C, novel cytotoxic polycyclic polyprenylated acylphloroglucinol imines from <i>Garcinia yunnanensis</i> . <i>Organic Chemistry Frontiers</i> , 2017, 4, 2102-2108.	2.3	18
54	<i>N</i> -Protecting group tuning of the enantioselectivity in Strecker reactions of trifluoromethyl ketimines to synthesize quaternary α -trifluoromethyl amino nitriles by ion pair catalysis. <i>Chemical Communications</i> , 2020, 56, 1581-1584.	2.2	17

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55	Stereodivergent Strategy in Structural Determination: Asymmetric Total Synthesis of Garcinol, Cambogin, and Related Analogues. <i>Organic Letters</i> , 2021, 23, 4203-4208.	2.4	17
56	Safranal Alleviated OVA-Induced Asthma Model and Inhibits Mast Cell Activation. <i>Frontiers in Immunology</i> , 2021, 12, 585595.	2.2	16
57	Synthesis and biological evaluation of Oblongifolin C derivatives as c-Met inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 4120-4128.	1.4	15
58	Total Synthesis of Gelsedilam by Means of a Thiolâ€Mediated Diastereoselective Conjugate Additionâ€Aldol Reaction. <i>Chemistry - A European Journal</i> , 2016, 22, 18339-18342.	1.7	15
59	Xanthone derivatives from the leaves of <i>Garcinia oligantha</i> . <i>European Journal of Medicinal Chemistry</i> , 2019, 181, 111536.	2.6	15
60	Gaudichaudione H Inhibits Inflammatory Responses in Macrophages and Dextran Sodium Sulfate-Induced Colitis in Mice. <i>Frontiers in Pharmacology</i> , 2019, 10, 1561.	1.6	14
61	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.	1.0	12
62	Cytotoxic xanthone derivatives from the twigs of <i>Garcinia oligantha</i> . <i>Phytochemistry</i> , 2020, 174, 112329.	1.4	12
63	Enantioselective Vinylogous Mannichâ€Type Reactions to Construct CF ₃ â€Containing Stereocenters Catalysed by Chiral Quaternary Phosphonium Salts. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 1851-1857.	2.1	11
64	Cytotoxic Prenylated Xanthenes from the Leaves of <i>Garcinia bracteata</i> . <i>Planta Medica</i> , 2019, 85, 444-452.	0.7	10
65	Total Synthesis of Norsampsones A and B, Garcinielliptones N and O, and Hyperscabrin A. <i>Journal of Natural Products</i> , 2018, 81, 2582-2589.	1.5	9
66	Asymmetric epoxidation of α,β -unsaturated ketones using α,β -diarylprolinols as catalysts. <i>Science Bulletin</i> , 2010, 55, 1712-1722.	1.7	8
67	Structural diversity and biological activities of caged <i>Garcinia</i> xanthenes: recent updates. , 2022, 1, .		8
68	Organophosphine bearing multiple hydrogen-bond donors for asymmetric Michael addition reaction of 1-oxoindane-2-carboxylic acid ester via dual-reagent catalysis. <i>Chinese Chemical Letters</i> , 2021, 32, 708-712.	4.8	7
69	Recent advances in the synthesis of natural products containing the phloroglucinol motif. <i>Natural Product Reports</i> , 2022, 39, 1766-1802.	5.2	7
70	Theoretical Investigation on the Mechanism and Design of Catalysts for Nitrolysis of Hexamine. <i>Chinese Journal of Chemistry</i> , 2010, 28, 1553-1558.	2.6	6
71	Uncariitannin, a polyphenolic polymer from <i>Uncaria gambier</i> , attenuates <i>Staphylococcus aureus</i> virulence through an MgrA-mediated regulation of α -hemolysin. <i>Pharmacological Research</i> , 2019, 147, 104328.	3.1	6
72	Strategies towards <i>endo</i> -type B polycyclic polyprenylated acylphloroglucinols: total synthesis of <i>regio</i> -hyperibone L and (+)- <i>epi</i> -clusianone. <i>Organic Chemistry Frontiers</i> , 2021, 8, 2525-2531.	2.3	6

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73	Polycyclic polyprenylated acylphloroglucinol congeners from <i>Garcinia yunnanensis</i> Hu with inhibitory effect on β -hemolysin production in <i>Staphylococcus aureus</i> . <i>Bioorganic Chemistry</i> , 2021, 114, 105074.	2.0	5
74	Enantioselective Michael Addition Reactions to Construct SCF ₃ -containing Stereocenter Catalyzed by Chiral Quaternary Phosphonium Salts. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 5765-5771.	2.1	4
75	An efficient approach for the synthesis of 1,2-dihydroxanthones enabled by one-pot Claisen condensation/cyclization reactions. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 4126-4131.	1.5	3
76	Enantioselectivity switch in asymmetric Michael addition reactions using phosphonium salts. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 6334-6340.	1.5	2
77	Studies toward the Total Synthesis of Xanthochymol. <i>Chinese Journal of Organic Chemistry</i> , 2021, 41, 4421.	0.6	2
78	Asymmetric Dieckmann Condensation towards Spirocyclic Oxindoles Catalyzed by Amino Acid-derived Phosphonium Salt. <i>Advanced Synthesis and Catalysis</i> , 0, , .	2.1	0