

Shunxi Dong

List of Publications by Year in descending order

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64
papers

2,374
citations

236925

25
h-index

223800

46
g-index

66
all docs

66
docs citations

66
times ranked

1787
citing authors

#	ARTICLE	IF	CITATIONS
1	Chiral Amino Acids-derived Catalysts and Ligands. Chinese Journal of Chemistry, 2018, 36, 791-797.	4.9	197
2	Chiral Bisguanidine-Catalyzed Inverse-Electron-Demand Hetero-Diels-Alder Reaction of Chalcones with Azlactones. Journal of the American Chemical Society, 2010, 132, 10650-10651.	13.7	177
3	Organocatalytic Kinetic Resolution of Sulfoximines. Journal of the American Chemical Society, 2016, 138, 2166-2169.	13.7	123
4	Organocatalytic Oxyamination of Azlactones: Kinetic Resolution of Oxaziridines and Asymmetric Synthesis of Oxazolin-4-ones. Journal of the American Chemical Society, 2013, 135, 10026-10029.	13.7	121
5	Chiral guanidines and their derivatives in asymmetric synthesis. Chemical Society Reviews, 2018, 47, 8525-8540.	38.1	116
6	Asymmetric Catalytic Rearrangements with α -Diazocarbonyl Compounds. Accounts of Chemical Research, 2022, 55, 415-428.	15.6	116
7	Asymmetric Ni ϵ -H Insertion of Secondary and Primary Anilines under the Catalysis of Palladium and Chiral Guanidine Derivatives. Angewandte Chemie - International Edition, 2014, 53, 1636-1640.	13.8	107
8	Asymmetric Synthesis of 3,4-Diaminochroman-2-ones Promoted by Guanidine and Bisguanidium Salt. Organic Letters, 2011, 13, 5060-5063.	4.6	98
9	Asymmetric synthesis of tetrazole and dihydroisoquinoline derivatives by isocyanide-based multicomponent reactions. Nature Communications, 2019, 10, 2116.	12.8	67
10	Bimetallic Rhodium(II)/Indium(III) Relay Catalysis for Tandem Insertion/Asymmetric Claisen Rearrangement. Angewandte Chemie - International Edition, 2018, 57, 16554-16558.	13.8	61
11	Catalytic Asymmetric Homologation of Ketones with α -Alkyl α -Diazo Esters. Journal of the American Chemical Society, 2021, 143, 2394-2402.	13.7	53
12	Iron-Catalyzed Enantioselective Radical Carboazidation and Diazidation of α,β -Unsaturated Carbonyl Compounds. Journal of the American Chemical Society, 2021, 143, 11856-11863.	13.7	50
13	Tandem Insertion/[1,3]Rearrangement: Highly Enantioselective Construction of α -Aminoketones. Angewandte Chemie - International Edition, 2020, 59, 8052-8056.	13.8	47
14	Copper-Catalyzed $^{13}\text{C}/^{15}\text{N}$ Bond Interconversions. Chemistry - A European Journal, 2016, 22, 5547-5550.	3.3	40
15	Enantioselective [2+2] Photocycloaddition Reactions of Enones and Olefins with Visible Light Mediated by N^{O} -Dioxide-Metal Complexes. Chemistry - A European Journal, 2018, 24, 19361-19367.	3.3	38
16	Nickel(II)-Catalyzed Asymmetric Propargyl [2,3]-Wittig Rearrangement of Oxindole Derivatives: A Chiral Amplification Effect. Angewandte Chemie - International Edition, 2018, 57, 8734-8738.	13.8	33
17	Copper-Catalyzed Asymmetric Addition of Tertiary Carbon Nucleophiles to α -Azirines: Access to Chiral Aziridines with Vicinal Tetrasubstituted Stereocenters. Organic Letters, 2018, 20, 5601-5605.	4.6	32
18	Divergent Synthesis of Enantioenriched β -Functional Amines via Desymmetrization of meso-Aziridines with Isocyanides. Organic Letters, 2019, 21, 6096-6101.	4.6	32

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19	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.	4.1	31
20	Asymmetric Synthesis of Axially Chiral Anilides via Organocatalytic Atroposelective N-Acylation. <i>Organic Letters</i> , 2020, 22, 5331-5336.	4.6	31
21	Asymmetric Catalytic Formal 1,4-Allylation of α,β -Unsaturated α -Ketoesters: Allylboration/Oxy-Cope Rearrangement. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11846-11851.	13.8	30
22	Chiral N,N -Dioxide/ Sc^{III} Complex-Catalyzed Asymmetric Ring-Opening Reaction of Cyclopropyl Ketones with Indoles. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 2608-2612.	4.3	26
23	Catalytic Asymmetric Acyloin Rearrangements of α -Ketols, α -Hydroxy Aldehydes, and α -Iminols by N,N -Dioxide-Metal Complexes. <i>Organic Letters</i> , 2020, 22, 5041-5045.	4.6	26
24	Asymmetric Catalytic Diverse Ring Opening/Cycloadditions of Cyclobutenones with (E)-Alkenyloxindoles and (E)-Dioxopyrrolidines. <i>Organic Letters</i> , 2020, 22, 2645-2650.	4.6	26
25	Chiral Scandium(III)-Catalyzed Enantioselective α -Arylation of N -Unprotected β -Substituted Oxindoles with Diaryliodonium Salts. <i>Angewandte Chemie</i> , 2013, 125, 10435-10439.	2.0	25
26	Chiral Sc^{III} - N,N -Dioxide-Catalyzed 1,3-Dipolar Cycloaddition of Diaziridines with Chalcones. <i>Organic Letters</i> , 2020, 22, 93-97.	4.6	25
27	A chiral cobalt(II) complex catalyzed enantioselective aza-Piancatelli rearrangement/Diels-Alder cascade reaction. <i>Chemical Science</i> , 2020, 11, 3862-3867.	7.4	24
28	Asymmetric Catalytic Vinylogous Addition Reactions Initiated by Meinwald Rearrangement of Vinyl Epoxides. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14521-14527.	13.8	24
29	Chiral Lewis Acid Catalyzed Reactions of α -Diazoester Derivatives: Construction of Dimeric Polycyclic Compounds. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16176-16179.	13.8	23
30	Asymmetric synthesis of polysubstituted methylenecyclobutanes <i>via</i> catalytic [2+2] cycloaddition reactions of N -allenamides. <i>Chemical Communications</i> , 2018, 54, 10511-10514.	4.1	23
31	Formation and reactions of active five-membered phosphane/borane frustrated Lewis pair ring systems. <i>Dalton Transactions</i> , 2018, 47, 4449-4454.	3.3	22
32	Bimetallic Catalytic Tandem Reaction of Acyclic Enynones: Enantioselective Access to Tetrahydrobenzofuran Derivatives. <i>Organic Letters</i> , 2020, 22, 3551-3556.	4.6	22
33	Catalytic asymmetric synthesis of spirocyclobutyl oxindoles and beyond <i>via</i> [2+2] cycloaddition and sequential transformations. <i>Chemical Science</i> , 2021, 12, 9991-9997.	7.4	22
34	Enantioselective Synthesis of Hydrothiazole Derivatives via an Isocyanide-Based Multicomponent Reaction. <i>Organic Letters</i> , 2019, 21, 8771-8775.	4.6	21
35	Chiral Lewis acid-bonded picolinaldehyde enables enantiodivergent carbonyl catalysis in the Mannich/condensation reaction of glycine ester. <i>Chemical Science</i> , 2021, 12, 4353-4360.	7.4	21
36	Lewis acid catalyzed asymmetric [4+2] cycloaddition of cyclobutenones to synthesize α,β -unsaturated α -lactones. <i>Chemical Communications</i> , 2018, 54, 3375-3378.	4.1	20

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37	Bimetallic Rhodium(II)/Indium(III) Relay Catalysis for Tandem Insertion/Asymmetric Claisen Rearrangement. <i>Angewandte Chemie</i> , 2018, 130, 16792-16796.	2.0	20
38	Formation of Active Cyclic Five-membered Frustrated Phosphane/Borane Lewis Pairs and their Cycloaddition Reactions. <i>Chemistry - A European Journal</i> , 2020, 26, 745-753.	3.3	20
39	Catalytic asymmetric formal [3+2] cycloaddition of isatogens with azlactones to construct indolin-3-one derivatives. <i>Chemical Communications</i> , 2021, 57, 239-242.	4.1	19
40	Organocatalytic Asymmetric Synthesis of <i>trans</i> - β -Lactams. <i>Chemistry - A European Journal</i> , 2017, 23, 13888-13892.	3.3	17
41	Nickel(ii)-catalyzed enantioselective α -alkylation of β -ketoamides with phenyliodonium ylide via a radical process. <i>Chemical Communications</i> , 2018, 54, 12254-12257.	4.1	17
42	Asymmetric synthesis of dihydro-1,3-dioxepines by Rh(^{II})/Sm(^{III}) relay catalytic three-component tandem [4 + 3]-cycloaddition. <i>Chemical Science</i> , 2021, 12, 5458-5463.	7.4	17
43	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.	13.8	17
44	Enantioselective Synthesis of 4-Hydroxy-dihydrocoumarins via Catalytic Ring Opening/Cycloaddition of Cyclobutenones. <i>Organic Letters</i> , 2019, 21, 2388-2392.	4.6	16
45	A nickel(^{II})-catalyzed asymmetric intramolecular Alder-ene reaction of 1,7-dienes. <i>Chemical Communications</i> , 2019, 55, 4479-4482.	4.1	16
46	Chiral <i>N,N</i> -dioxide-iron(^{III})-catalyzed asymmetric sulfoxidation with hydrogen peroxide. <i>Chemical Communications</i> , 2020, 56, 3233-3236.	4.1	16
47	Catalytic asymmetric synthesis of chiral azo compounds via interrupted Japp-Klingemann reaction with aryldiazonium salts. <i>Science China Chemistry</i> , 2022, 65, 546-553.	8.2	16
48	Chiral <i>N,N</i> -dioxide/Mg(OTf) ₂ complex-catalyzed asymmetric [2,3]-rearrangement of in situ generated ammonium salts. <i>Chemical Science</i> , 2020, 11, 3068-3073.	7.4	15
49	Nickel(II)-Catalyzed Asymmetric Propargyl [2,3]-Wittig Rearrangement of Oxindole Derivatives: A Chiral Amplification Effect. <i>Angewandte Chemie</i> , 2018, 130, 8870-8874.	2.0	13
50	Catalytic Asymmetric Addition Reactions of Formaldehyde <i>N,N</i> -Dialkylhydrazone to Synthesize Chiral Nitrile Derivatives. <i>Organic Letters</i> , 2020, 22, 5217-5222.	4.6	13
51	Diastereo- and Enantioselective Synthesis of 3-Allyl-3-hydroxyoxindoles via Allylation of Isatins. <i>Organic Letters</i> , 2021, 23, 8419-8423.	4.6	13
52	Tandem Insertion [1,3]-Rearrangement: Highly Enantioselective Construction of α -Aminoketones. <i>Angewandte Chemie</i> , 2020, 132, 8129-8133.	2.0	12
53	Catalytic enantioselective synthesis of macrodiolides and their application in chiral recognition. <i>Chemical Science</i> , 2021, 12, 2940-2947.	7.4	12
54	Asymmetric Catalytic α -Selective Allylation of Ketones with Allyltrifluoroborates Using <i>Dual</i> -Functional Chiral <i>In</i> -sup <i>III</i> -sup <i>N,N</i> -dioxide Complex. <i>Chinese Journal of Chemistry</i> , 2022, 40, 1793-1798.	4.9	11

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55	Chiral Fe(<i>ii</i>) 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.	7.4	10
56	Chiral Lewis Acid Catalyzed Reactions of α -Diazoester Derivatives: Construction of Dimeric Polycyclic Compounds. <i>Angewandte Chemie</i> , 2018, 130, 16408-16411.	2.0	8
57	Asymmetric Catalytic Formal 1,4-Allylation of α -Unsaturated α -Ketoesters: Allylboration/Oxy-Cope Rearrangement. <i>Angewandte Chemie</i> , 2019, 131, 11972-11977.	2.0	8
58	Kinetic Resolution of Propargylic Ethers via [2,3]-Wittig Rearrangement to Synthesize Chiral α -Hydroxyallenes. <i>Organic Letters</i> , 2020, 22, 2692-2696.	4.6	8
59	Asymmetric Catalytic Vinylogous Addition Reactions Initiated by Meinwald Rearrangement of Vinyl Epoxides. <i>Angewandte Chemie</i> , 2021, 133, 14642-14648.	2.0	7
60	Asymmetric cycloisomerization/[3 + 2] cycloaddition for the synthesis of chiral spiroisobenzofuran-1,3-dipyrrolidine derivatives. <i>Organic Chemistry Frontiers</i> , 2021, 8, 6874-6880.	4.5	7
61	Enantioselective dicarbofunctionalization of <i>E</i> -alkenyloxindoles with pyridinium salts by chiral Lewis acid/photo relay catalysis. <i>Chemical Communications</i> , 2020, 56, 12757-12760.	4.1	6
62	Catalytic asymmetric multicomponent reactions of isocyanide, isothiocyanate and alkylidene malonates. <i>Chemical Communications</i> , 2021, 57, 7288-7291.	4.1	4
63	Catalytic Regio- and Enantioselective Protonation for the Synthesis of Chiral Allenes: Synergistic Effect of the Counterion and Water. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	4
64	<i>Abstract</i> : 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, .	2.0	0