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	Asymmetric Catalytic Rearrangements with Î±-Diazocarbonyl Compounds. Accounts of Chemical Research, 2022, 55, 415-428.	15.6	116
2	Catalytic asymmetric synthesis of chiral azo compounds via interrupted Japp-Klingemann reaction with aryldiazonium salts. Science China Chemistry, 2022, 65, 546-553.	8.2	16
3	Asymmetric Catalytic <scp>Î±â€Selective</scp> Allylation of Ketones with Allyltrifluoroborates Using <scp>Dualâ€Functional</scp> Chiral <scp>In^{III}</scp>/N,Nâ€²â€Dioxide Complex. Chinese Journal of Chemistry, 2022, 40, 1793-1798.	4.9	11
4	Catalytic Regioâ€•and Enantioselective Protonation for the Synthesis of Chiral Allenes: Synergistic Effect of the Counterion and Water. Angewandte Chemie - International Edition, 2022, 61, e202203650.	13.8	17
5	Catalytic Regioâ€•and Enantioselective Protonation for the Synthesis of Chiral Allenes: Synergistic Effect of the Counterion and Water. Angewandte Chemie, 2022, 134, .	2.0	4
6	RÃ¼cktitelbild: Catalytic Regioâ€•and Enantioselective Protonation for the Synthesis of Chiral Allenes: Synergistic Effect of the Counterion and Water (Angew. Chem. 27/2022). Angewandte Chemie, 2022, 134, .	2.0	0
7	Catalytic asymmetric formal [3+2] cycloaddition of isatogens with azlactones to construct indolin-3-one derivatives. Chemical Communications, 2021, 57, 239-242.	4.1	19
8	Catalytic asymmetric synthesis of spirocyclobutyl oxindoles and beyond via [2+2] cycloaddition and sequential transformations. Chemical Science, 2021, 12, 9991-9997.	7.4	22
9	Catalytic enantioselective synthesis of macrodiolides and their application in chiral recognition. Chemical Science, 2021, 12, 2940-2947.	7.4	12
10	Chiral Lewis acid-bonded picolinaldehyde enables enantiodivergent carbonyl catalysis in the Mannich/condensation reaction of glycine ester. Chemical Science, 2021, 12, 4353-4360.	7.4	21
11	Catalytic asymmetric multicomponent reactions of isocyanide, isothiocyanate and alkylidene malonates. Chemical Communications, 2021, 57, 7288-7291.	4.1	4
12	Catalytic Asymmetric Homologation of Ketones with Î±-Alkyl Î±-Diazo Esters. Journal of the American Chemical Society, 2021, 143, 2394-2402.	13.7	53
13	Asymmetric Catalytic Vinylogous Addition Reactions Initiated by Meinwald Rearrangement of Vinyl Epoxides. Angewandte Chemie - International Edition, 2021, 60, 14521-14527.	13.8	24
14	Asymmetric Catalytic Vinylogous Addition Reactions Initiated by Meinwald Rearrangement of Vinyl Epoxides. Angewandte Chemie, 2021, 133, 14642-14648.	2.0	7
15	Iron-Catalyzed Enantioselective Radical Carboazidation and Diazidation of Î±,Î²-Unsaturated Carbonyl Compounds. Journal of the American Chemical Society, 2021, 143, 11856-11863.	13.7	50
16	Asymmetric synthesis of dihydro-1,3-dioxepines by Rh(<scp>ii</scp>)/Sm(<scp>iii</scp>) relay catalytic three-component tandem [4 + 3]-cycloaddition. Chemical Science, 2021, 12, 5458-5463.	7.4	17
17	Asymmetric cycloisomerization/[3 + 2] cycloaddition for the synthesis of chiral spiroisobenzofuran-1,3â€²-pyrrolidine derivatives. Organic Chemistry Frontiers, 2021, 8, 6874-6880.	4.5	7
18	Diastereo- and Enantioselective Synthesis of 3-Allyl-3-hydroxyoxindoles via Allylation of Isatins. Organic Letters, 2021, 23, 8419-8423.	4.6	13

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19	Formation of Active Cyclic Fiveâ€membered Frustrated Phosphane/Borane Lewis Pairs and their Cycloaddition Reactions. Chemistry - A European Journal, 2020, 26, 745-753.	3.3	20
20	Chiral Sc^{III}â€“N,Nâ€²-Dioxide-Catalyzed 1,3-Dipolar Cycloaddition of Diaziridines with Chalcones. Organic Letters, 2020, 22, 93-97.	4.6	25
21	Enantioselective dicarbofunctionalization of (E)-alkenyloxindoles with pyridinium salts by chiral Lewis acid/photo relay catalysis. Chemical Communications, 2020, 56, 12757-12760.	4.1	6
22	Chiral Fe(<scp>ii</scp>) complex catalyzed enantioselective [1,3] O-to-C rearrangement of alkyl vinyl ethers and synthesis of chromanols and beyond. Chemical Science, 2020, 11, 10101-10106.	7.4	10
23	Catalytic Asymmetric Addition Reactions of Formaldehyde N,N-Dialkylhydrazone to Synthesize Chiral Nitrile Derivatives. Organic Letters, 2020, 22, 5217-5222.	4.6	13
24	Catalytic Asymmetric Acyloin Rearrangements of Î±-Ketols, Î±-Hydroxy Aldehydes, and Î±-Iminols by N,Nâ€²-Dioxideâ€“Metal Complexes. Organic Letters, 2020, 22, 5041-5045.	4.6	26
25	A chiral cobalt(<scp>ii</scp>) complex catalyzed enantioselective aza-Piancatelli rearrangement/Dielsâ€“Alder cascade reaction. Chemical Science, 2020, 11, 3862-3867.	7.4	24
26	Asymmetric Catalytic Diverse Ring Opening/Cycloadditions of Cyclobutenones with (E)-Alkenyloxindoles and (E)-Dioxopyrrolidines. Organic Letters, 2020, 22, 2645-2650.	4.6	26
27	Kinetic Resolution of Propargylic Ethers via [2,3]-Wittig Rearrangement to Synthesize Chiral Î±-Hydroxyallenes. Organic Letters, 2020, 22, 2692-2696.	4.6	8
28	Asymmetric Synthesis of Axially Chiral Anilides via Organocatalytic Atroposelective N-Acylation. Organic Letters, 2020, 22, 5331-5336.	4.6	31
29	Chiral N,Nâ€²-dioxide/Mg(OTf)2 complex-catalyzed asymmetric [2,3]-rearrangement of in situ generated ammonium salts. Chemical Science, 2020, 11, 3068-3073.	7.4	15
30	Tandem Insertionâ€“[1,3]â€Rearrangement: Highly Enantioselective Construction of Î±â€Aminoketones. Angewandte Chemie, 2020, 132, 8129-8133.	2.0	12
31	Tandem Insertionâ€“[1,3]â€Rearrangement: Highly Enantioselective Construction of Î±â€Aminoketones. Angewandte Chemie - International Edition, 2020, 59, 8052-8056.	13.8	47
32	ChiralN,Nâ€²-dioxideâ€“iron(<scp>iii</scp>)-catalyzed asymmetric sulfoxidation with hydrogen peroxide. Chemical Communications, 2020, 56, 3233-3236.	4.1	16
33	Bimetallic Catalytic Tandem Reaction of Acyclic Enynones: Enantioselective Access to Tetrahydrobenzofuran Derivatives. Organic Letters, 2020, 22, 3551-3556.	4.6	22
34	Asymmetric Catalytic Formal 1,4â€Allylation of Î²,Î³â€Unsaturated Î±â€Ketoesters: Allylboration/Oxyâ€Cope Rearrangement. Angewandte Chemie, 2019, 131, 11972-11977.	2.0	8
35	Divergent Synthesis of Enantioenriched Î²-Functional Amines via Desymmetrization of meso-Aziridines with Isocyanides. Organic Letters, 2019, 21, 6096-6101.	4.6	32
36	Enantioselective Synthesis of Hydrothiazole Derivatives via an Isocyanide-Based Multicomponent Reaction. Organic Letters, 2019, 21, 8771-8775.	4.6	21

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37	Asymmetric construction of dihydrobenzofuran-2,5-dione derivatives via desymmetrization of p-quinols with azlactones. Chemical Communications, 2019, 55, 87-90.	4.1	31
38	Asymmetric Catalytic Formal 1,4â€Allylation of Î²,Î³â€Unsaturated Î±â€Ketoesters: Allylboration/Oxyâ€Cope Rearrangement. Angewandte Chemie - International Edition, 2019, 58, 11846-11851.	13.8	30
39	Asymmetric synthesis of tetrazole and dihydroisoquinoline derivatives by isocyanide-based multicomponent reactions. Nature Communications, 2019, 10, 2116.	12.8	67
40	Enantioselective Synthesis of 4-Hydroxy-dihydrocoumarins via Catalytic Ring Opening/Cycloaddition of Cyclobutenones. Organic Letters, 2019, 21, 2388-2392.	4.6	16
41	A nickel(<scp>ii</scp>)-catalyzed asymmetric intramolecular Alder-ene reaction of 1,7-dienes. Chemical Communications, 2019, 55, 4479-4482.	4.1	16
42	Formation and reactions of active five-membered phosphane/borane frustrated Lewis pair ring systems. Dalton Transactions, 2018, 47, 4449-4454.	3.3	22
43	Lewis acid catalyzed asymmetric [4+2] cycloaddition of cyclobutenones to synthesize Î±,Î²-unsaturated Î´-lactones. Chemical Communications, 2018, 54, 3375-3378.	4.1	20
44	Chiral N,Nâ€Dioxide/Sc^{Î™Î™Î™} Complexâ€Catalyzed Asymmetric Ringâ€Opening Reaction of Cyclopropyl Ketones with Indoles. Advanced Synthesis and Catalysis, 2018, 360, 2608-2612.	4.3	26
45	Nickel(ii)-catalyzed enantioselective Î±-alkylation of Î²-ketoamides with phenyliodonium ylideviaa radical process. Chemical Communications, 2018, 54, 12254-12257.	4.1	17
46	Chiral Lewis Acid Catalyzed Reactions of Î±â€Diazoester Derivatives: Construction of Dimeric Polycyclic Compounds. Angewandte Chemie, 2018, 130, 16408-16411.	2.0	8
47	Chiral guanidines and their derivatives in asymmetric synthesis. Chemical Society Reviews, 2018, 47, 8525-8540.	38.1	116
48	Nickel(II)â€Catalyzed Asymmetric Propargyl [2,3]â€...Wittig Rearrangement of Oxindole Derivatives: A Chiral Amplification Effect. Angewandte Chemie, 2018, 130, 8870-8874.	2.0	13
49	Bimetallic Rhodium(II)/Indium(III) Relay Catalysis for Tandem Insertion/Asymmetric Claisen Rearrangement. Angewandte Chemie, 2018, 130, 16792-16796.	2.0	20
50	Bimetallic Rhodium(II)/Indium(III) Relay Catalysis for Tandem Insertion/Asymmetric Claisen Rearrangement. Angewandte Chemie - International Edition, 2018, 57, 16554-16558.	13.8	61
51	Enantioselective [2+2] Photocycloaddition Reactions of Enones and Olefins with Visible Light Mediated by N,Nâ€²â€Dioxideâ€“Metal Complexes. Chemistry - A European Journal, 2018, 24, 19361-19367.	3.3	38
52	Chiral Lewis Acid Catalyzed Reactions of Î±â€Diazoester Derivatives: Construction of Dimeric Polycyclic Compounds. Angewandte Chemie - International Edition, 2018, 57, 16176-16179.	13.8	23
53	Copper-Catalyzed Asymmetric Addition of Tertiary Carbon Nucleophiles to 2H-Azirines: Access to Chiral Aziridines with Vicinal Tetrasubstituted Stereocenters. Organic Letters, 2018, 20, 5601-5605.	4.6	32
54	Chiral Amino Acidsâ€Derived Catalysts and Ligands. Chinese Journal of Chemistry, 2018, 36, 791-797.	4.9	197

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55	Nickel(II)â€€Catalyzed Asymmetric Propargyl [2,3]â€…Wittig Rearrangement of Oxindole Derivatives: A Chiral Amplification Effect. Angewandte Chemie - International Edition, 2018, 57, 8734-8738.	13.8	33
56	Asymmetric synthesis of polysubstituted methylenecyclobutanes via catalytic [2+2] cycloaddition reactions of N-allenamides. Chemical Communications, 2018, 54, 10511-10514.	4.1	23
57	Organocatalytic Asymmetric Synthesis of transâ€Î³â€Lactams. Chemistry - A European Journal, 2017, 23, 13888-13892.	3.3	17
58	Copperâ€€Catalyzed Sâˆ’C/Sâˆ’N Bond Interconversions. Chemistry - A European Journal, 2016, 22, 5547-5550.	3.3	40
59	Organocatalytic Kinetic Resolution of Sulfoximines. Journal of the American Chemical Society, 2016, 138, 2166-2169.	13.7	123
60	Asymmetric Nï£¿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
61	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
62	Chiral Scandium(III)â€€Catalyzed Enantioselective Î±â€Arylation of Nâ€Unprotected 3â€Substituted Oxindoles with Diaryliodonium Salts. Angewandte Chemie, 2013, 125, 10435-10439.	2.0	25
63	Asymmetric Synthesis of 3,4-Diaminochroman-2-ones Promoted by Guanidine and Bisguanidium Salt. Organic Letters, 2011, 13, 5060-5063.	4.6	98
64	Chiral Bisguanidine-Catalyzed Inverse-Electron-Demand Hetero-Dielsâˆ’Alder Reaction of Chalcones with Azlactones. Journal of the American Chemical Society, 2010, 132, 10650-10651.	13.7	177