Sanzhong Luo

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Organocatalysis in Inert C–H Bond Functionalization. Chemical Reviews, 2017, 117, 9433-9520.	47.7	578
2	Functionalized Chiral Ionic Liquids as Highly Efficient Asymmetric Organocatalysts for Michael Addition to Nitroolefins. Angewandte Chemie - International Edition, 2006, 45, 3093-3097.	13.8	424
3	A Simple Primaryâ^'Tertiary Diamineâ^'BrĄ̃,nsted Acid Catalyst for Asymmetric Direct Aldol Reactions of Linear Aliphatic Ketones. Journal of the American Chemical Society, 2007, 129, 3074-3075.	13.7	268
4	Magnetic nanoparticle supported ionic liquid catalysts for CO2 cycloaddition reactions. Green Chemistry, 2009, 11, 455.	9.0	236
5	Visibleâ€Lightâ€Promoted Asymmetric Crossâ€Dehydrogenative Coupling of Tertiary Amines to Ketones by Synergistic Multiple Catalysis. Angewandte Chemie - International Edition, 2017, 56, 3694-3698.	13.8	208
6	Asymmetric α-Photoalkylation of β-Ketocarbonyls by Primary Amine Catalysis: Facile Access to Acyclic All-Carbon Quaternary Stereocenters. Journal of the American Chemical Society, 2014, 136, 14642-14645.	13.7	196
7	Surfactant-type asymmetric organocatalyst: organocatalytic asymmetric Michael addition to nitrostyrenes in water. Chemical Communications, 2006, , 3687.	4.1	168
8	Catalytic Asymmetric Electrochemical Oxidative Coupling of Tertiary Amines with Simple Ketones. Organic Letters, 2017, 19, 2122-2125.	4.6	153
9	Pushing the Limits of Aminocatalysis: Enantioselective Transformations of α-Branched β-Ketocarbonyls and Vinyl Ketones by Chiral Primary Amines. Accounts of Chemical Research, 2015, 48, 986-997.	15.6	142
10	Asymmetric Binary-Acid Catalysis with Chiral Phosphoric Acid and MgF ₂ : Catalytic Enantioselective Friedelâ~'Crafts Reactions of β,γ-Unsaturated α-Ketoesters. Organic Letters, 2010, 12, 1096-1099.	4.6	139
11	Highly Enantioselective Direct <i>syn</i> - and <i>anti</i> -Aldol Reactions of Dihydroxyacetones Catalyzed by Chiral Primary Amine Catalysts. Organic Letters, 2008, 10, 653-656.	4.6	124
12	Catalytic Enantioselective <i>tert</i> â€Aminocyclization by Asymmetric Binary Acid Catalysis (ABC): Stereospecific 1,5â€Hydrogen Transfer. Chemistry - A European Journal, 2012, 18, 8891-8895.	3.3	124
13	Visibleâ€Light Promoted Catalystâ€Free Imidation of Arenes and Heteroarenes. Chemistry - A European Journal, 2014, 20, 14231-14234.	3.3	124
14	Physical Organic Study of Structure–Activity–Enantioselectivity Relationships in Asymmetric Bifunctional Thiourea Catalysis: Hints for the Design of New Organocatalysts. Chemistry - A European Journal, 2010, 16, 450-455.	3.3	121
15	Asymmetric bifunctional primary aminocatalysis on magnetic nanoparticles. Chemical Communications, 2008, , 5719.	4.1	117
16	Holistic Prediction of the p <i>K</i> _a in Diverse Solvents Based on a Machine‣earning Approach. Angewandte Chemie - International Edition, 2020, 59, 19282-19291.	13.8	116
17	Evolution of Pyrrolidine-Type Asymmetric Organocatalysts by "Click―Chemistry. Journal of Organic Chemistry, 2006, 71, 9244-9247.	3.2	114
18	Enantioselective Terminal Addition to Allenes by Dual Chiral Primary Amine/Palladium Catalysis. Journal of the American Chemical Society, 2017, 139, 3631-3634.	13.7	112

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19	Asymmetric Electrochemical Catalysis. Chemistry - A European Journal, 2019, 25, 10033-10044.	3.3	112
20	Remarkable Rate Acceleration of Imidazole-Promoted Baylisâ^'Hillman Reaction Involving Cyclic Enones in Basic Water Solution. Journal of Organic Chemistry, 2004, 69, 555-558.	3.2	109
21	Functionalized Chiral Ionic Liquid Catalyzed Enantioselective Desymmetrizations of Prochiral Ketones via Asymmetric Michael Addition Reaction. Journal of Organic Chemistry, 2007, 72, 9350-9352.	3.2	109
22	Asymmetric Michael Addition Reaction of 3â€Substituted Oxindoles to Nitroolefins Catalyzed by a Chiral Alkyl―Substituted Thiourea Catalyst. Advanced Synthesis and Catalysis, 2010, 352, 416-424.	4.3	109
23	Noncovalently Supported Heterogeneous Chiral Amine Catalysts for Asymmetric Direct Aldol and Michael Addition Reactions. Chemistry - A European Journal, 2008, 14, 1273-1281.	3.3	108
24	Asymmetric Binary Acid Catalysis: A Regioselectivity Switch between Enantioselective 1,2―and 1,4â€Addition through Different Counteranions of In ^{III} . Angewandte Chemie - International Edition, 2011, 50, 6610-6614.	13.8	107
25	Merging Aerobic Oxidation and Enamine Catalysis in the Asymmetric αâ€Amination of βâ€Ketocarbonyls Using <i>N</i> â€Hydroxycarbamates as Nitrogen Sources. Angewandte Chemie - International Edition, 2014, 53, 4149-4153.	13.8	106
26	Asymmetric binary acid catalysis: chiral phosphoric acid as dual ligand and acid. Chemical Communications, 2013, 49, 847-858.	4.1	104
27	Chiral Primary Amine/Palladium Dual Catalysis for Asymmetric Allylic Alkylation of βâ€Ketocarbonyl Compounds with Allylic Alcohols. Angewandte Chemie - International Edition, 2015, 54, 12645-12648.	13.8	103
28	Asymmetric Supramolecular Primary Amine Catalysis in Aqueous Buffer: Connections of Selective Recognition and Asymmetric Catalysis. Journal of the American Chemical Society, 2010, 132, 7216-7228.	13.7	101
29	Catalytic asymmetric α-C(sp3)–H functionalization of amines. Tetrahedron Letters, 2014, 55, 551-558.	1.4	101
30	Magnetic Nanoparticle‧upported Morita–Baylis–Hillman Catalysts. Advanced Synthesis and Catalysis, 2007, 349, 2431-2434.	4.3	98
31	Asymmetric Direct Aldol Reactions of Pyruvic Derivatives. Organic Letters, 2008, 10, 1775-1778.	4.6	95
32	Chiral Amineâ^'Polyoxometalate Hybrids as Highly Efficient and Recoverable Asymmetric Enamine Catalysts. Organic Letters, 2007, 9, 3675-3678.	4.6	92
33	Functionalized Chiral Ionic Liquids: A New Type of Asymmetric Organocatalysts and Nonclassical Chiral Ligands. Chemistry - an Asian Journal, 2009, 4, 1184-1195.	3.3	87
34	Switchable Diastereoselectivity in Enantioselective [4+2] Cycloadditions with Simple Olefins by Asymmetric Binary Acid Catalysis. Angewandte Chemie - International Edition, 2013, 52, 9786-9790.	13.8	86
35	Dynamic multiphase semi-crystalline polymers based on thermally reversible pyrazole-urea bonds. Nature Communications, 2019, 10, 4753.	12.8	86
36	Asymmetric S _N 1 αâ€Alkylation of Cyclic Ketones Catalyzed by Functionalized Chiral Ionic Liquid (FCIL) Organocatalysts. Chemistry - A European Journal, 2010, 16, 2045-2049.	3.3	85

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37	Bioinspired Organocatalytic Aerobic C–H Oxidation of Amines with an <i>ortho</i> -Quinone Catalyst. Organic Letters, 2015, 17, 1469-1472.	4.6	84
38	Oxidative Synthesis of Benzimidazoles, Quinoxalines, and Benzoxazoles from Primary Amines by <i>ortho</i> -Quinone Catalysis. Organic Letters, 2017, 19, 5629-5632.	4.6	83
39	Facile evolution of asymmetric organocatalysts in water assisted by surfactant BrÃ,nsted acids. Tetrahedron, 2007, 63, 11307-11314.	1.9	77
40	[4 + 2] Cycloaddition of in Situ Generated 1,2-Diaza-1,3-dienes with Simple Olefins: Facile Approaches to Tetrahydropyridazines. Organic Letters, 2015, 17, 1561-1564.	4.6	76
41	Efficient Baylisâ~'Hillman Reactions of Cyclic Enones in Methanol As Catalyzed by Methoxide Anion. Journal of Organic Chemistry, 2004, 69, 8413-8422.	3.2	75
42	Asymmetric Conjugate Addition of Oxindoles to 2â€Chloroacrylonitrile: A Highly Effective Organocatalytic Strategy for Simultaneous Construction of 1,3â€Nonadjacent Stereocenters Leading to Chiral Pyrroloindolines. Chemistry - A European Journal, 2010, 16, 14290-14294.	3.3	75
43	Chiral Primary Amine Catalyzed Enantioselective Protonation via an Enamine Intermediate. Angewandte Chemie - International Edition, 2011, 50, 11451-11455.	13.8	75
44	Asymmetric Retro-Claisen Reaction by Chiral Primary Amine Catalysis. Journal of the American Chemical Society, 2016, 138, 3978-3981.	13.7	74
45	Catalytic Asymmetric Electrochemical αâ€Arylation of Cyclic βâ€Ketocarbonyls with Anodic Benzyne Intermediates. Angewandte Chemie - International Edition, 2020, 59, 14347-14351.	13.8	70
46	Synergistic Pd/Enamine Catalysis: A Strategy for the C–H/C–H Oxidative Coupling of Allylarenes with Unactivated Ketones. Organic Letters, 2014, 16, 3584-3587.	4.6	68
47	Asymmetric Latent Carbocation Catalysis with Chiral Trityl Phosphate. Journal of the American Chemical Society, 2015, 137, 15576-15583.	13.7	67
48	Ï€-Coordinating Chiral Primary Amine/Palladium Synergistic Catalysis for Asymmetric Allylic Alkylation. Journal of the American Chemical Society, 2020, 142, 3184-3195.	13.7	65
49	Asymmetric Retro―and Transferâ€Aldol Reactions Catalyzed by a Simple Chiral Primary Amine. Chemistry - A European Journal, 2010, 16, 4457-4461.	3.3	64
50	Asymmetric Binaryâ€Acid Catalysis with InBr ₃ in the Inverseâ€Electronâ€Demanding Heteroâ€Diels–Alder Reaction of Mono―and Bisâ€Substituted Cyclopentadienes: Remote Fluoroâ€Effect on Stereocontrol. Chemistry - A European Journal, 2012, 18, 799-803.	3.3	63
51	Theoretical Studies of the Asymmetric Binaryâ€Acidâ€Catalyzed <i>tert</i> â€Aminocyclization Reaction: Origins of the Cī£¿H Activation and Stereoselectivity. Chemistry - an Asian Journal, 2012, 7, 2569-2576.	3.3	62
52	Deracemization through photochemical <i>E</i> / <i>Z</i> isomerization of enamines. Science, 2022, 375, 869-874.	12.6	62
53	Non-covalent immobilization of asymmetric organocatalysts. Catalysis Science and Technology, 2011, 1, 507.	4.1	60
54	Catalytic Asymmetric Oxidative Enamine Transformations. ACS Catalysis, 2018, 8, 5466-5484.	11.2	60

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55	Reagent-controlled enantioselectivity switch for the asymmetric fluorination of β-ketocarbonyls by chiral primary amine catalysis. Chemical Science, 2016, 8, 621-626.	7.4	57
56	Enantioselective Decarboxylative α-Alkynylation of β-Ketocarbonyls via a Catalytic α-Imino Radical Intermediate. Organic Letters, 2017, 19, 4924-4927.	4.6	56
57	Organocatalytic Three omponent Reactions of Pyruvate, Aldehyde and Aniline by Hydrogenâ€Bonding Catalysts. European Journal of Organic Chemistry, 2008, 2008, 4350-4356.	2.4	54
58	Highly Enantioselective Michael Addition Reactions of 3â€Substituted Benzofuranâ€2(3 <i>H</i>)â€ones to Chalcones Catalyzed by a Chiral Alkylâ€Substituted Thiourea. Advanced Synthesis and Catalysis, 2010, 352, 1097-1101.	4.3	53
59	Catalytic Asymmetric Mannich Reaction with Nâ€Carbamoyl Imine Surrogates of Formaldehyde and Glyoxylate. Angewandte Chemie - International Edition, 2017, 56, 13814-13818.	13.8	50
60	A chiral ion-pair photoredox organocatalyst: enantioselective anti-Markovnikov hydroetherification of alkenols. Organic Chemistry Frontiers, 2017, 4, 1037-1041.	4.5	48
61	Visible-Light-Promoted Asymmetric Cross-Dehydrogenative Coupling of Tertiary Amines to Ketones by Synergistic Multiple Catalysis. Angewandte Chemie, 2017, 129, 3748-3752.	2.0	47
62	Chiral Primary Amine Catalyzed Asymmetric Direct Crossâ€Aldol Reaction of Acetaldehyde. European Journal of Organic Chemistry, 2011, 2011, 3347-3352.	2.4	46
63	Asymmetric Enamine Catalysis with β-Ketoesters by Chiral Primary Amine: Divergent Stereocontrol Modes. Journal of Organic Chemistry, 2014, 79, 11517-11526.	3.2	45
64	Asymmetric α-Benzoyloxylation of β-Ketocarbonyls by a Chiral Primary Amine Catalyst. Organic Letters, 2015, 17, 576-579.	4.6	43
65	Asymmetric Sulfa-Michael Addition to α-Substituted Vinyl Ketones Catalyzed by Chiral Primary Amine. Organic Letters, 2014, 16, 4626-4629.	4.6	42
66	Redox Tuning of a Direct Asymmetric Aldol Reaction. Angewandte Chemie - International Edition, 2015, 54, 5210-5213.	13.8	42
67	Photoredox Mediated Acceptorless Dehydrogenative Coupling of Saturated N-Heterocycles. ACS Catalysis, 2019, 9, 3589-3594.	11.2	42
68	In(III)/PhCO ₂ H Binary Acid Catalyzed Tandem [2 + 2] Cycloaddition and Nazarov Reaction between Alkynes and Acetals. Organic Letters, 2013, 15, 4496-4499.	4.6	41
69	Electrochemical Generation of Diaza-oxyallyl Cation for Cycloaddition in an All-Green Electrolytic System. Organic Letters, 2018, 20, 1324-1327.	4.6	41
70	Chiral Primary Amine–Polyoxometalate Acid Hybrids as Asymmetric Recoverable Iminiumâ€Based Catalysts. European Journal of Organic Chemistry, 2009, 2009, 4486-4493.	2.4	40
71	Bio-inspired Chiral Primary Amine Catalysis. Synlett, 2012, 23, 1575-1589.	1.8	40
72	Visible-light promoted arene C–H/C–X lactonization <i>via</i> carboxylic radical aromatic substitution. Organic Chemistry Frontiers, 2018, 5, 237-241.	4.5	39

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73	Asymmetric Direct Aldol Reactions of Acetoacetals Catalyzed by a Simple Chiral Primary Amine. Journal of Organic Chemistry, 2009, 74, 9521-9523.	3.2	37
74	Catalytic Regio―and Enantioselective [4+2] Annulation Reactions of Nonâ€activated Allenes by a Chiral Cationic Indium Complex. Angewandte Chemie - International Edition, 2017, 56, 10867-10871.	13.8	37
75	Catalytic Desymmetrizing Dehydrogenation of 4â€Substituted Cyclohexanones through Enamine Oxidation. Angewandte Chemie - International Edition, 2018, 57, 2253-2258.	13.8	36
76	Catalytic Nazarov Reaction of Aryl Vinyl Ketones via Binary Acid Strategy. Journal of Organic Chemistry, 2013, 78, 606-613.	3.2	35
77	Carbocation Lewis Acid Catalyzed Diels–Alder Reactions of Anthracene Derivatives. Organic Letters, 2018, 20, 2269-2272.	4.6	34
78	Redox Property of Enamines. Journal of Organic Chemistry, 2019, 84, 12071-12090.	3.2	34
79	Chiral Primary Amine/Ketone Cooperative Catalysis for Asymmetric α-Hydroxylation with Hydrogen Peroxide. Journal of the American Chemical Society, 2021, 143, 1078-1087.	13.7	34
80	Catalytic Asymmetric Disulfuration by a Chiral Bulky Three omponent Lewis Acidâ€Base. Angewandte Chemie - International Edition, 2021, 60, 10971-10976.	13.8	33
81	Chiral Primary Amine Catalyzed Asymmetric Epoxidation of α‣ubstituted Acroleins. European Journal of Organic Chemistry, 2010, 2010, 6840-6849.	2.4	32
82	Enantio- and Diastereoselective Cyclopropanation of β,Ĵ³-Unsaturated α-Ketoester by a Chiral Phosphate/Indium(III) Complex. Organic Letters, 2017, 19, 3331-3334.	4.6	32
83	Organocatalytic Electrochemical C–H Lactonization of Aromatic Carboxylic Acids. Synthesis, 2018, 50, 2924-2929.	2.3	32
84	Functionalized Chiral Ionic Liquid Catalyzed Asymmetric S _N 1 αâ€Alkylation of Ketones and Aldehydes. European Journal of Organic Chemistry, 2010, 2010, 4876-4885.	2.4	31
85	Holistic Prediction of the p <i>K</i> _a in Diverse Solvents Based on a Machineâ€Learning Approach. Angewandte Chemie, 2020, 132, 19444-19453.	2.0	31
86	Visible-light promoted intermolecular halofunctionalization of alkenes with N-halogen saccharins. Organic Chemistry Frontiers, 2016, 3, 447-452.	4.5	30
87	Mechanistic Studies on Bioinspired Aerobic C–H Oxidation of Amines with an <i>ortho</i> -Quinone Catalyst. Journal of Organic Chemistry, 2019, 84, 2542-2555.	3.2	30
88	Direct Intramolecular Conjugate Addition of Simple Alkenes to α,β-Unsaturated Carbonyls Catalyzed by Cu(OTf)2. Organic Letters, 2014, 16, 5032-5035.	4.6	29
89	Chiral primary amine catalysed asymmetric conjugate addition of azoles to α-substituted vinyl ketones. Organic Chemistry Frontiers, 2014, 1, 68-72.	4.5	29
90	Oxidative Radical Addition–Cyclization of Sulfonyl Hydrazones with Simple Olefins by Binary Acid Catalysis. Organic Letters, 2016, 18, 3150-3153.	4.6	29

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91	Bio-inspired quinone catalysis. Chinese Chemical Letters, 2018, 29, 1193-1200.	9.0	29
92	Chiral Primaryâ€Amineâ€Catalyzed Conjugate Addition to αâ€Substituted Vinyl Ketones/Aldehydes: Divergent Stereocontrol Modes on Enamine Protonation. Chemistry - A European Journal, 2013, 19, 15669-15681.	3.3	28
93	Organic Photocatalytic Cyclization of Polyenes: A Visibleâ€Lightâ€Mediated Radical Cascade Approach. Chemistry - A European Journal, 2015, 21, 14723-14727.	3.3	28
94	Asymmetric C–H Dehydrogenative Allylic Alkylation by Ternary Photoredox-Cobalt-Chiral Primary Amine Catalysis under Visible Light. Journal of the American Chemical Society, 2022, 144, 10705-10710.	13.7	28
95	Origins of the Enantio―and N/Oâ€Selectivity in the Primaryâ€Amineâ€Catalyzed Hydroxyamination of 1,3â€Dicarbonyl Compounds with Inâ€Situâ€Formed Nitrosocarbonyl Compounds: A Theoretical Study. Chemistry - an Asian Journal, 2014, 9, 3565-3571.	3.3	27
96	A Practical Protocol for Asymmetric Synthesis of Wieland-Miescher and Hajos-Parrish Ketones Catalyzed by a Simple Chiral Primary Amine. Synthesis, 2013, 45, 1939-1945.	2.3	26
97	Chiral Primary Amine Catalyzed Asymmetric αâ€Benzylation with In Situ Generated <i>ortho</i> â€Quinone Methides. Chemistry - A European Journal, 2017, 23, 1253-1257.	3.3	26
98	Catalytic Asymmetric β-C–H Functionalizations of Ketones via Enamine Oxidation. Organic Letters, 2018, 20, 1672-1675.	4.6	24
99	Chiral Amine–Polyoxometalate Hybrids as Recoverable Asymmetric Enamine Catalysts under Neat and Aqueous Conditions. European Journal of Organic Chemistry, 2009, 2009, 132-140.	2.4	23
100	Chiral Primary Amine Catalyzed Asymmetric Michael Addition of Malononitrile to α-Substituted Vinyl Ketone. Organic Letters, 2015, 17, 382-385.	4.6	22
101	Catalytic enantioselective α-sulfenylation of β-ketocarbonyls by chiral primary amines. Organic Chemistry Frontiers, 2018, 5, 2313-2316.	4.5	22
102	Steric Effect of Protonated Tertiary Amine in Primary–Tertiary Diamine Catalysis: A Double-Layered Sterimol Model. Organic Letters, 2019, 21, 407-411.	4.6	22
103	Taming Living Carbocations in Catalytic Direct Conjugate Addition of Simple Alkenes to α,βâ€Enones. Chemistry - A European Journal, 2014, 20, 8293-8296.	3.3	21
104	Asymmetric Fluorination of α-Branched Aldehydes by Chiral Primary Amine Catalysis: Reagent-Controlled Enantioselectivity Switch. Journal of Organic Chemistry, 2018, 83, 4250-4256.	3.2	21
105	Asymmetric Binary-Acid Catalysis in the Inverse-Electron-Demanding Hetero-Diels-Alder Reaction of 3,4-Dihydro-2H-Pyran. Acta Chimica Sinica, 2012, 70, 1518.	1.4	20
106	Photo-induced Catalytic Asymmetric Free Radical Reactions. Acta Chimica Sinica, 2017, 75, 22.	1.4	20
107	Catalytic Asymmetric Oxidative α-C–H N,O-Ketalization of Ketones by Chiral Primary Amine. Organic Letters, 2015, 17, 4392-4395	4.6	19
108	Catalytic asymmetric enamine protonation reaction. Organic and Biomolecular Chemistry, 2018, 16, 510-520.	2.8	19

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109	Catalytic Asymmetric Mannich Type Reaction with Tri-/Difluoro- or Trichloroacetaldimine Precursors. Organic Letters, 2018, 20, 7137-7140.	4.6	19
110	Primary–Tertiary Diamine/BrÃ,nsted Acid Catalyzed C–C Coupling between <i>para</i> â€Vinylanilines and Aldehydes. Chemistry - A European Journal, 2013, 19, 9481-9484.	3.3	17
111	Enantioselective Diels–Alder reaction of anthracene by chiral tritylium catalysis. Beilstein Journal of Organic Chemistry, 2019, 15, 1304-1312.	2.2	16
112	Enantioselective Organocatalytic Conjugate Addition of Alkenes to α,βâ€Enones. European Journal of Organic Chemistry, 2014, 2014, 3540-3545.	2.4	15
113	Enantioselective indium(<scp>i</scp>)-catalyzed [4 + 2] annulation of alkoxyallenes and β,γ-unsaturated α-keto esters. Organic Chemistry Frontiers, 2018, 5, 1787-1791.	4.5	15
114	Indoline Catalyzed Acylhydrazone/Oxime Condensation under Neutral Aqueous Conditions. Organic Letters, 2020, 22, 6035-6040.	4.6	15
115	Aromatic Aminocatalysis. Chemistry - an Asian Journal, 2018, 13, 740-753.	3.3	14
116	Tailoring radicals by asymmetric electrochemical catalysis. Organic Chemistry Frontiers, 2020, 7, 2997-3000.	4.5	14
117	Counteranions of In(â¢) Induced Reversal of Enantiocontrol in Friedel-Crafts Reaction of Indoles by Asymmetric Binary Acid Catalysis. Acta Chimica Sinica, 2014, 72, 809.	1.4	14
118	Bio-inspired lanthanum-ortho-quinone catalysis for aerobic alcohol oxidation: semi-quinone anionic radical as redox ligand. Nature Communications, 2022, 13, 428.	12.8	14
119	Visible Light Promoted βâ€C—H Alkylation of βâ€Ketocarbonyls <i>via</i> a βâ€Enaminyl Radical Intermediate. Chinese Journal of Chemistry, 2018, 36, 311-320.	4.9	13
120	Enantioselective Oxidative Coupling of Î ² -Ketocarbonyls and Anilines by Joint Chiral Primary Amine and Selenium Catalysis. Organic Letters, 2019, 21, 8178-8182.	4.6	13
121	Collective enantioselective total synthesis of (+)-sinensilactam A, (+)-lingzhilactone B and (â~')-lingzhiol: divergent reactivity of styrene. Chemical Communications, 2020, 56, 10066-10069.	4.1	13
122	Chiral Primary Amine-Catalyzed Divergent Coupling of α-Substituted Acrylaldehydes with α-Diazoesters. ACS Catalysis, 2020, 10, 10989-10998.	11.2	13
123	Catalytic Asymmetric Addition and Telomerization of Butadiene with Enamine Intermediates. CCS Chemistry, 2022, 4, 2267-2275.	7.8	13
124	Carbocation Lewis Acid Catalyzed Redox-Neutral α-C(sp ³)H Arylation of Amines. Acta Chimica Sinica, 2016, 74, 61.	1.4	13
125	Divergent Coupling of β,γ-Unsaturated α-Ketoesters with Simple Olefins: Vinylation and [2 + 2] Cycloaddition. Organic Letters, 2017, 19, 3366-3369.	4.6	12
126	An Ensemble Structure and Physicochemical (SPOC) Descriptor for Machine‣earning Prediction of Chemical Reaction and Molecular Properties. ChemPhysChem, 2022, 23, e202200255.	2.1	12

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127	Catalytic Asymmetric Mannich Reaction with N arbamoyl Imine Surrogates of Formaldehyde and Glyoxylate. Angewandte Chemie, 2017, 129, 14002-14006.	2.0	11
128	Asymmetric αâ€Alkylation of βâ€Ketocarbonyls via Direct Phenacyl Bromide Photolysis by Chiral Primary Amine. Chinese Journal of Chemistry, 2018, 36, 716-722.	4.9	11
129	Asymmetric Retro-Claisen Reaction by Synergistic Chiral Primary Amine/Palladium Catalysis. Organic Letters, 2019, 21, 7258-7261.	4.6	11
130	Catalytic Asymmetric Electrochemical αâ€Arylation of Cyclic βâ€Ketocarbonyls with Anodic Benzyne Intermediates. Angewandte Chemie, 2020, 132, 14453-14457.	2.0	11
131	Chiral Primary Amine Catalyzed Asymmetric Tandem Reduction–Michael Addition–Protonation Reaction between Alkylidene Meldrum's Acid and α-Substituted Vinyl Ketones. Synthesis, 2015, 47, 2207-2216.	2.3	10
132	Application of Machine Learning in Organic Chemistry. Chinese Journal of Organic Chemistry, 2020, 40, 3812.	1.3	10
133	Asymmetric Coupling of β-Ketocarbonyls and Alkynes by Chiral Primary Amine/Rh Synergistic Catalysis. Organic Letters, 2022, 24, 1186-1189.	4.6	9
134	Copper atalyzed Aerobic Autoxidation of <i>N</i> â€Hydroxycarbamates Probed by Mass Spectrometry. Chemistry - A European Journal, 2015, 21, 14630-14637.	3.3	8
135	Catalytic Asymmetric Disulfuration by a Chiral Bulky Three omponent Lewis Acidâ€Base. Angewandte Chemie, 2021, 133, 11066-11071.	2.0	8
136	Catalytic Desymmetrizing Dehydrogenation of 4‣ubstituted Cyclohexanones through Enamine Oxidation. Angewandte Chemie, 2018, 130, 2275-2280.	2.0	7
137	Highly Stereoselective Construction of β,β-Diaryl-α-Branched Ketones by the Chiral Primary Amine-Catalyzed Asymmetric Retro-Claisen Reaction. Organic Letters, 2022, 24, 1752-1756.	4.6	7
138	Bond Energies of Enamines. ACS Omega, 2022, 7, 6354-6374.	3.5	6
139	Photoredox-Mediated Asymmetric Cross-Dehydrogenative Coupling of Enones and Tertiary Amines by Chiral Primary Amine Catalysis. Synthesis, 2021, 53, 2809-2818.	2.3	5
140	Asymmetric 1,3â€Dipolar Cycloaddition Reactions of Enones by Primary Amine Catalysis. Asian Journal of Organic Chemistry, 2019, 8, 1049-1052.	2.7	4
141	Aniline Catalysis in Bioconjugations and Material Synthesis. Chinese Journal of Organic Chemistry, 2018, 38, 1.	1.3	4
142	Catalytic asymmetric oxidative sulfenylation of β-ketocarbonyls using a chiral primary amine. Organic Chemistry Frontiers, 2022, 9, 1276-1281.	4.5	4
143	Bifunctional catalysis of Morita-Baylis-Hillman (MBH) reaction with chiral primary-tertiary diamine: A non-typical MBH catalytic pathway. Science in China Series B: Chemistry, 2009, 52, 1300-1308.	0.8	2
144	Chiral pyrrolidine-azole conjugates: Simple and efficient asymmetric organocatalysts for Michael addition to nitrostyrenes. Science Bulletin, 2010, 55, 1735-1741.	1.7	2

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145	Primaryâ€Tertiary Diamine/BrâŠ~nsted Acid Catalyzed <i>α</i> â€Allylation of Carbonyl Compounds with Allylic Alcohols. Chinese Journal of Chemistry, 2014, 32, 673-677.	4.9	2
146	Catalytic Regio―and Enantioselective [4+2] Annulation Reactions of Nonâ€activated Allenes by a Chiral Cationic Indium Complex. Angewandte Chemie, 2017, 129, 11007-11011.	2.0	2
147	Rational Design of Chiral Catalysts Based on Experimental Data and Reaction Mechanism. Chinese Journal of Organic Chemistry, 2018, 38, 2363.	1.3	2
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