Sanzhong Luo

List of Publications by Year
in descending order

150	9,009	26567 56	48187 88
papers	citations	h-index	g-index

164	164	164	6343
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Organocatalysis in Inert Câ€“H Bond Functionalization. Chemical Reviews, 2017, 117, 9433-9520.	23.0	578
2	Functionalized Chiral Ionic Liquids as Highly Efficient Asymmetric Organocatalysts for Michael Addition to Nitroolefins. Angewandte Chemie - International Edition, 2006, 45, 3093-3097.	7.2	424
3	A Simple Primaryâ^'Tertiary Diamineâ^'BrÃ¸nsted Acid Catalyst for Asymmetric Direct Aldol Reactions of Linear Aliphatic Ketones. Journal of the American Chemical Society, 2007, 129, 3074-3075.	6.6	268
4	Magnetic nanoparticle supported ionic liquid catalysts for CO2 cycloaddition reactions. Green Chemistry, 2009, 11, 455.	4.6	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.	7.2	208
6	Asymmetric Î±-Photoalkylation of Î²-Ketocarbonyls by Primary Amine Catalysis: Facile Access to Acyclic All-Carbon Quaternary Stereocenters. Journal of the American Chemical Society, 2014, 136, 14642-14645.	6.6	196
7	Surfactant-type asymmetric organocatalyst: organocatalytic asymmetric Michael addition to nitrostyrenes in water. Chemical Communications, 2006, , 3687.	2.2	168
8	Catalytic Asymmetric Electrochemical Oxidative Coupling of Tertiary Amines with Simple Ketones. Organic Letters, 2017, 19, 2122-2125.	2.4	153
9	Pushing the Limits of Aminocatalysis: Enantioselective Transformations of Î±-Branched Î²-Ketocarbonyls and Vinyl Ketones by Chiral Primary Amines. Accounts of Chemical Research, 2015, 48, 986-997.	7.6	142
10	Asymmetric Binary-Acid Catalysis with Chiral Phosphoric Acid and MgF₂: Catalytic Enantioselective Friedelâ^'Crafts Reactions of Î²,Î³-Unsaturated Î±-Ketoesters. Organic Letters, 2010, 12, 1096-1099.	2.4	139
11	Highly Enantioselective Direct syn- and anti-Aldol Reactions of Dihydroxyacetones Catalyzed by Chiral Primary Amine Catalysts. Organic Letters, 2008, 10, 653-656.	2.4	124
12	Catalytic Enantioselective tertâ€Aminocyclization by Asymmetric Binary Acid Catalysis (ABC): Stereospecific 1,5â€Hydrogen Transfer. Chemistry - A European Journal, 2012, 18, 8891-8895.	1.7	124
13	Visibleâ€Light Promoted Catalystâ€Free Imidation of Arenes and Heteroarenes. Chemistry - A European Journal, 2014, 20, 14231-14234.	1.7	124
14	Physical Organic Study of Structureâ€“Activityâ€“Enantioselectivity Relationships in Asymmetric Bifunctional Thiourea Catalysis: Hints for the Design of New Organocatalysts. Chemistry - A European Journal, 2010, 16, 450-455.	1.7	121
15	Asymmetric bifunctional primary aminocatalysis on magnetic nanoparticles. Chemical Communications, 2008, , 5719.	2.2	117
16	Holistic Prediction of the pK_a in Diverse Solvents Based on a Machineâ€Learning Approach. Angewandte Chemie - International Edition, 2020, 59, 19282-19291.	7.2	116
17	Evolution of Pyrrolidine-Type Asymmetric Organocatalysts by â€œClickâ€•Chemistry. Journal of Organic Chemistry, 2006, 71, 9244-9247.	1.7	114
18	Enantioselective Terminal Addition to Allenes by Dual Chiral Primary Amine/Palladium Catalysis. Journal of the American Chemical Society, 2017, 139, 3631-3634.	6.6	112

#	Article	IF	Citations
19	Asymmetric Electrochemical Catalysis. Chemistry - A European Journal, 2019, 25, 10033-10044.	1.7	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.	1.7	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.	1.7	109
22	Asymmetric Michael Addition Reaction of 3â€Substituted Oxindoles to Nitroolefins Catalyzed by a Chiral Alkylâ€•Substituted Thiourea Catalyst. Advanced Synthesis and Catalysis, 2010, 352, 416-424.	2.1	109
23	Noncovalently Supported Heterogeneous Chiral Amine Catalysts for Asymmetric Direct Aldol and Michael Addition Reactions. Chemistry - A European Journal, 2008, 14, 1273-1281.	1.7	108
24	Asymmetric Binary Acid Catalysis: A Regioselectivity Switch between Enantioselective 1,2â€•and 1,4â€Addition through Different Counteranions of In^{III}. Angewandte Chemie - International Edition, 2011, 50, 6610-6614.	7.2	107
25	Merging Aerobic Oxidation and Enamine Catalysis in the Asymmetric Î±â€Amination of Î²â€Ketocarbonyls Using Nâ€Hydroxycarbamates as Nitrogen Sources. Angewandte Chemie - International Edition, 2014, 53, 4149-4153.	7.2	106
26	Asymmetric binary acid catalysis: chiral phosphoric acid as dual ligand and acid. Chemical Communications, 2013, 49, 847-858.	2.2	104
27	Chiral Primary Amine/Palladium Dual Catalysis for Asymmetric Allylic Alkylation of Î²â€Ketocarbonyl Compounds with Allylic Alcohols. Angewandte Chemie - International Edition, 2015, 54, 12645-12648.	7.2	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.	6.6	101
29	Catalytic asymmetric Î±-C(sp3)â€“H functionalization of amines. Tetrahedron Letters, 2014, 55, 551-558.	0.7	101
30	Magnetic Nanoparticleâ€Supported Moritaâ€“Baylisâ€“Hillman Catalysts. Advanced Synthesis and Catalysis, 2007, 349, 2431-2434.	2.1	98
31	Asymmetric Direct Aldol Reactions of Pyruvic Derivatives. Organic Letters, 2008, 10, 1775-1778.	2.4	95
32	Chiral Amineâ^'Polyoxometalate Hybrids as Highly Efficient and Recoverable Asymmetric Enamine Catalysts. Organic Letters, 2007, 9, 3675-3678.	2.4	92
33	Functionalized Chiral Ionic Liquids: A New Type of Asymmetric Organocatalysts and Nonclassical Chiral Ligands. Chemistry - an Asian Journal, 2009, 4, 1184-1195.	1.7	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.	7.2	86
35	Dynamic multiphase semi-crystalline polymers based on thermally reversible pyrazole-urea bonds. Nature Communications, 2019, 10, 4753.	5.8	86
36	Asymmetric S_N1 Î±â€Alkylation of Cyclic Ketones Catalyzed by Functionalized Chiral Ionic Liquid (FCIL) Organocatalysts. Chemistry - A European Journal, 2010, 16, 2045-2049.	1.7	85

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37	Bioinspired Organocatalytic Aerobic Câ€“H Oxidation of Amines with an ortho-Quinone Catalyst. Organic Letters, 2015, 17, 1469-1472.	2.4	84
38	Oxidative Synthesis of Benzimidazoles, Quinoxalines, and Benzoxazoles from Primary Amines by ortho-Quinone Catalysis. Organic Letters, 2017, 19, 5629-5632.	2.4	83
39	Facile evolution of asymmetric organocatalysts in water assisted by surfactant BrÃ¸nsted acids. Tetrahedron, 2007, 63, 11307-11314.	1.0	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.	2.4	76
41	Efficient Baylisâ€“Hillman Reactions of Cyclic Enones in Methanol As Catalyzed by Methoxide Anion. Journal of Organic Chemistry, 2004, 69, 8413-8422.	1.7	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.	1.7	75
43	Chiral Primary Amine Catalyzed Enantioselective Protonation via an Enamine Intermediate. Angewandte Chemie - International Edition, 2011, 50, 11451-11455.	7.2	75
44	Asymmetric Retro-Claisen Reaction by Chiral Primary Amine Catalysis. Journal of the American Chemical Society, 2016, 138, 3978-3981.	6.6	74
45	Catalytic Asymmetric Electrochemical Î±â€Arylation of Cyclic Î²â€Ketocarbonyls with Anodic Benzyne Intermediates. Angewandte Chemie - International Edition, 2020, 59, 14347-14351.	7.2	70
46	Synergistic Pd/Enamine Catalysis: A Strategy for the Câ€“H/Câ€“H Oxidative Coupling of Allylarenes with Unactivated Ketones. Organic Letters, 2014, 16, 3584-3587.	2.4	68
47	Asymmetric Latent Carbocation Catalysis with Chiral Trityl Phosphate. Journal of the American Chemical Society, 2015, 137, 15576-15583.	6.6	67
48	Ï€-Coordinating Chiral Primary Amine/Palladium Synergistic Catalysis for Asymmetric Allylic Alkylation. Journal of the American Chemical Society, 2020, 142, 3184-3195.	6.6	65
49	Asymmetric Retroâ€•and Transferâ€Aldol Reactions Catalyzed by a Simple Chiral Primary Amine. Chemistry - A European Journal, 2010, 16, 4457-4461.	1.7	64
50	Asymmetric Binaryâ€Acid Catalysis with InBr₃ in the Inverseâ€Electronâ€Demanding Heteroâ€Dielsâ€“Alder Reaction of Monoâ€•and Bisâ€Substituted Cyclopentadienes: Remote Fluoroâ€Effect on Stereocontrol. Chemistry - A European Journal, 2012, 18, 799-803.	1.7	63
51	Theoretical Studies of the Asymmetric Binaryâ€Acidâ€Catalyzed tertâ€Aminocyclization Reaction: Origins of the Cï£¿H Activation and Stereoselectivity. Chemistry - an Asian Journal, 2012, 7, 2569-2576.	1.7	62
52	Deracemization through photochemical E / Z isomerization of enamines. Science, 2022, 375, 869-874.	6.0	62
53	Non-covalent immobilization of asymmetric organocatalysts. Catalysis Science and Technology, 2011, 1, 507.	2.1	60
54	Catalytic Asymmetric Oxidative Enamine Transformations. ACS Catalysis, 2018, 8, 5466-5484.	5.5	60

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55	Reagent-controlled enantioselectivity switch for the asymmetric fluorination of Î²-ketocarbonyls by chiral primary amine catalysis. Chemical Science, 2016, 8, 621-626.	3.7	57
56	Enantioselective Decarboxylative Î±-Alkynylation of Î²-Ketocarbonyls via a Catalytic Î±-Imino Radical Intermediate. Organic Letters, 2017, 19, 4924-4927.	2.4	56
57	Organocatalytic Threeâ€Component Reactions of Pyruvate, Aldehyde and Aniline by Hydrogenâ€Bonding Catalysts. European Journal of Organic Chemistry, 2008, 2008, 4350-4356.	1.2	54
58	Highly Enantioselective Michael Addition Reactions of 3â€Substituted Benzofuranâ€2(3H)â€ones to Chalcones Catalyzed by a Chiral Alkylâ€Substituted Thiourea. Advanced Synthesis and Catalysis, 2010, 352, 1097-1101.	2.1	53
59	Catalytic Asymmetric Mannich Reaction with Nâ€Carbamoyl Imine Surrogates of Formaldehyde and Glyoxylate. Angewandte Chemie - International Edition, 2017, 56, 13814-13818.	7.2	50
60	A chiral ion-pair photoredox organocatalyst: enantioselective anti-Markovnikov hydroetherification of alkenols. Organic Chemistry Frontiers, 2017, 4, 1037-1041.	2.3	48
61	Visible-Light-Promoted Asymmetric Cross-Dehydrogenative Coupling of Tertiary Amines to Ketones by Synergistic Multiple Catalysis. Angewandte Chemie, 2017, 129, 3748-3752.	1.6	47
62	Chiral Primary Amine Catalyzed Asymmetric Direct Crossâ€Aldol Reaction of Acetaldehyde. European Journal of Organic Chemistry, 2011, 2011, 3347-3352.	1.2	46
63	Asymmetric Enamine Catalysis with Î²-Ketoesters by Chiral Primary Amine: Divergent Stereocontrol Modes. Journal of Organic Chemistry, 2014, 79, 11517-11526.	1.7	45
64	Asymmetric Î±-Benzoyloxylation of Î²-Ketocarbonyls by a Chiral Primary Amine Catalyst. Organic Letters, 2015, 17, 576-579.	2.4	43
65	Asymmetric Sulfa-Michael Addition to Î±-Substituted Vinyl Ketones Catalyzed by Chiral Primary Amine. Organic Letters, 2014, 16, 4626-4629.	2.4	42
66	Redox Tuning of a Direct Asymmetric Aldol Reaction. Angewandte Chemie - International Edition, 2015, 54, 5210-5213.	7.2	42
67	Photoredox Mediated Acceptorless Dehydrogenative Coupling of Saturated N-Heterocycles. ACS Catalysis, 2019, 9, 3589-3594.	5.5	42
68	In(III)/PhCO₂H Binary Acid Catalyzed Tandem [2 + 2] Cycloaddition and Nazarov Reaction between Alkynes and Acetals. Organic Letters, 2013, 15, 4496-4499.	2.4	41
69	Electrochemical Generation of Diaza-oxyallyl Cation for Cycloaddition in an All-Green Electrolytic System. Organic Letters, 2018, 20, 1324-1327.	2.4	41
70	Chiral Primary Amineâ€“Polyoxometalate Acid Hybrids as Asymmetric Recoverable Iminiumâ€Based Catalysts. European Journal of Organic Chemistry, 2009, 2009, 4486-4493.	1.2	40
71	Bio-inspired Chiral Primary Amine Catalysis. Synlett, 2012, 23, 1575-1589.	1.0	40
72	Visible-light promoted arene Câ€“H/Câ€“X lactonizationviacarboxylic radical aromatic substitution. Organic Chemistry Frontiers, 2018, 5, 237-241.	2.3	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.	1.7	37
74	Catalytic Regioâ€•and Enantioselective [4+2] Annulation Reactions of Nonâ€activated Allenes by a Chiral Cationic Indium Complex. Angewandte Chemie - International Edition, 2017, 56, 10867-10871.	7.2	37
75	Catalytic Desymmetrizing Dehydrogenation of 4â€Substituted Cyclohexanones through Enamine Oxidation. Angewandte Chemie - International Edition, 2018, 57, 2253-2258.	7.2	36
76	Catalytic Nazarov Reaction of Aryl Vinyl Ketones via Binary Acid Strategy. Journal of Organic Chemistry, 2013, 78, 606-613.	1.7	35
77	Carbocation Lewis Acid Catalyzed Dielsâ€“Alder Reactions of Anthracene Derivatives. Organic Letters, 2018, 20, 2269-2272.	2.4	34
78	Redox Property of Enamines. Journal of Organic Chemistry, 2019, 84, 12071-12090.	1.7	34
79	Chiral Primary Amine/Ketone Cooperative Catalysis for Asymmetric Î±-Hydroxylation with Hydrogen Peroxide. Journal of the American Chemical Society, 2021, 143, 1078-1087.	6.6	34
80	Catalytic Asymmetric Disulfuration by a Chiral Bulky Threeâ€Component Lewis Acidâ€Base. Angewandte Chemie - International Edition, 2021, 60, 10971-10976.	7.2	33
81	Chiral Primary Amine Catalyzed Asymmetric Epoxidation of Î±â€Substituted Acroleins. European Journal of Organic Chemistry, 2010, 2010, 6840-6849.	1.2	32
82	Enantio- and Diastereoselective Cyclopropanation of Î²,Î³-Unsaturated Î±-Ketoester by a Chiral Phosphate/Indium(III) Complex. Organic Letters, 2017, 19, 3331-3334.	2.4	32
83	Organocatalytic Electrochemical Câ€“H Lactonization of Aromatic Carboxylic Acids. Synthesis, 2018, 50, 2924-2929.	1.2	32
84	Functionalized Chiral Ionic Liquid Catalyzed Asymmetric S_N1 Î±â€Alkylation of Ketones and Aldehydes. European Journal of Organic Chemistry, 2010, 2010, 4876-4885.	1.2	31
85	Holistic Prediction of the pK_a in Diverse Solvents Based on a Machineâ€Learning Approach. Angewandte Chemie, 2020, 132, 19444-19453.	1.6	31
86	Visible-light promoted intermolecular halofunctionalization of alkenes with N-halogen saccharins. Organic Chemistry Frontiers, 2016, 3, 447-452.	2.3	30
87	Mechanistic Studies on Bioinspired Aerobic Câ€“H Oxidation of Amines with an ortho-Quinone Catalyst. Journal of Organic Chemistry, 2019, 84, 2542-2555.	1.7	30
88	Direct Intramolecular Conjugate Addition of Simple Alkenes to Î±,Î²-Unsaturated Carbonyls Catalyzed by Cu(OTf)2. Organic Letters, 2014, 16, 5032-5035.	2.4	29
89	Chiral primary amine catalysed asymmetric conjugate addition of azoles to Î±-substituted vinyl ketones. Organic Chemistry Frontiers, 2014, 1, 68-72.	2.3	29
90	Oxidative Radical Additionâ€“Cyclization of Sulfonyl Hydrazones with Simple Olefins by Binary Acid Catalysis. Organic Letters, 2016, 18, 3150-3153.	2.4	29

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91	Bio-inspired quinone catalysis. Chinese Chemical Letters, 2018, 29, 1193-1200.	4.8	29
92	Chiral Primaryâ€Amineâ€Catalyzed Conjugate Addition to Î±â€Substituted Vinyl Ketones/Aldehydes: Divergent Stereocontrol Modes on Enamine Protonation. Chemistry - A European Journal, 2013, 19, 15669-15681.	1.7	28
93	Organic Photocatalytic Cyclization of Polyenes: A Visibleâ€Lightâ€Mediated Radical Cascade Approach. Chemistry - A European Journal, 2015, 21, 14723-14727.	1.7	28
94	Asymmetric Câ€“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.	6.6	28
95	Origins of the Enantioâ€•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.	1.7	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.	1.2	26
97	Chiral Primary Amine Catalyzed Asymmetric Î±â€Benzylation with In Situ Generated orthoâ€Quinone Methides. Chemistry - A European Journal, 2017, 23, 1253-1257.	1.7	26
98	Catalytic Asymmetric Î²-Câ€“H Functionalizations of Ketones via Enamine Oxidation. Organic Letters, 2018, 20, 1672-1675.	2.4	24
99	Chiral Amineâ€“Polyoxometalate Hybrids as Recoverable Asymmetric Enamine Catalysts under Neat and Aqueous Conditions. European Journal of Organic Chemistry, 2009, 2009, 132-140.	1.2	23
100	Chiral Primary Amine Catalyzed Asymmetric Michael Addition of Malononitrile to Î±-Substituted Vinyl Ketone. Organic Letters, 2015, 17, 382-385.	2.4	22
101	Catalytic enantioselective Î±-sulfenylation of Î²-ketocarbonyls by chiral primary amines. Organic Chemistry Frontiers, 2018, 5, 2313-2316.	2.3	22
102	Steric Effect of Protonated Tertiary Amine in Primaryâ€“Tertiary Diamine Catalysis: A Double-Layered Sterimol Model. Organic Letters, 2019, 21, 407-411.	2.4	22
103	Taming Living Carbocations in Catalytic Direct Conjugate Addition of Simple Alkenes to Î±,Î²â€Enones. Chemistry - A European Journal, 2014, 20, 8293-8296.	1.7	21
104	Asymmetric Fluorination of Î±-Branched Aldehydes by Chiral Primary Amine Catalysis: Reagent-Controlled Enantioselectivity Switch. Journal of Organic Chemistry, 2018, 83, 4250-4256.	1.7	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.	0.5	20
106	Photo-induced Catalytic Asymmetric Free Radical Reactions. Acta Chimica Sinica, 2017, 75, 22.	0.5	20
107	Catalytic Asymmetric Oxidative Î±-Câ€“H N,O-Ketalization of Ketones by Chiral Primary Amine. Organic Letters, 2015, 17, 4392-4395.	2.4	19
108	Catalytic asymmetric enamine protonation reaction. Organic and Biomolecular Chemistry, 2018, 16, 510-520.	1.5	19

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109	Catalytic Asymmetric Mannich Type Reaction with Tri-/Difluoro- or Trichloroacetaldimine Precursors. Organic Letters, 2018, 20, 7137-7140.	2.4	19
110	Primaryâ€“Tertiary Diamine/BrÃ¸nsted Acid Catalyzed Câ€“C Coupling between paraâ€Vinylanilines and Aldehydes. Chemistry - A European Journal, 2013, 19, 9481-9484.	1.7	17
111	Enantioselective Dielsâ€“Alder reaction of anthracene by chiral tritylium catalysis. Beilstein Journal of Organic Chemistry, 2019, 15, 1304-1312.	1.3	16
112	Enantioselective Organocatalytic Conjugate Addition of Alkenes to Î±,Î²â€Enones. European Journal of Organic Chemistry, 2014, 2014, 3540-3545.	1.2	15
113	Enantioselective indium(<scp>i</scp>)-catalyzed [4 + 2] annulation of alkoxyallenes and Î²,Î³-unsaturated Î±-keto esters. Organic Chemistry Frontiers, 2018, 5, 1787-1791.	2.3	15
114	Indoline Catalyzed Acylhydrazone/Oxime Condensation under Neutral Aqueous Conditions. Organic Letters, 2020, 22, 6035-6040.	2.4	15
115	Aromatic Aminocatalysis. Chemistry - an Asian Journal, 2018, 13, 740-753.	1.7	14
116	Tailoring radicals by asymmetric electrochemical catalysis. Organic Chemistry Frontiers, 2020, 7, 2997-3000.	2.3	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.	0.5	14
118	Bio-inspired lanthanum-ortho-quinone catalysis for aerobic alcohol oxidation: semi-quinone anionic radical as redox ligand. Nature Communications, 2022, 13, 428.	5.8	14
119	Visible Light Promoted Î²â€Câ€”H Alkylation of Î²â€Ketocarbonyls via a Î²â€Enaminyl Radical Intermediate. Chinese Journal of Chemistry, 2018, 36, 311-320.	2.6	13
120	Enantioselective Oxidative Coupling of Î²-Ketocarbonyls and Anilines by Joint Chiral Primary Amine and Selenium Catalysis. Organic Letters, 2019, 21, 8178-8182.	2.4	13
121	Collective enantioselective total synthesis of (+)-sinensilactam A, (+)-lingzhilactone B and (â˜)-lingzhiol: divergent reactivity of styrene. Chemical Communications, 2020, 56, 10066-10069.	2.2	13
122	Chiral Primary Amine-Catalyzed Divergent Coupling of Î±-Substituted Acrylaldehydes with Î±-Diazoesters. ACS Catalysis, 2020, 10, 10989-10998.	5.5	13
123	Catalytic Asymmetric Addition and Telomerization of Butadiene with Enamine Intermediates. CCS Chemistry, 2022, 4, 2267-2275.	4.6	13
124	Carbocation Lewis Acid Catalyzed Redox-Neutral Î±-C(sp³)H Arylation of Amines. Acta Chimica Sinica, 2016, 74, 61.	0.5	13
125	Divergent Coupling of Î²,Î³-Unsaturated Î±-Ketoesters with Simple Olefins: Vinylation and [2 + 2] Cycloaddition. Organic Letters, 2017, 19, 3366-3369.	2.4	12
126	An Ensemble Structure and Physicochemical (SPOC) Descriptor for Machineâ€Learning Prediction of Chemical Reaction and Molecular Properties. ChemPhysChem, 2022, 23, e202200255.	1.0	12

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127	Catalytic Asymmetric Mannich Reaction with Nâ€Carbamoyl Imine Surrogates of Formaldehyde and Glyoxylate. Angewandte Chemie, 2017, 129, 14002-14006.	1.6	11
128	Asymmetric Î±â€Alkylation of Î²â€Ketocarbonyls via Direct Phenacyl Bromide Photolysis by Chiral Primary Amine. Chinese Journal of Chemistry, 2018, 36, 716-722.	2.6	11
129	Asymmetric Retro-Claisen Reaction by Synergistic Chiral Primary Amine/Palladium Catalysis. Organic Letters, 2019, 21, 7258-7261.	2.4	11
130	Catalytic Asymmetric Electrochemical Î±â€Arylation of Cyclic Î²â€Ketocarbonyls with Anodic Benzyne Intermediates. Angewandte Chemie, 2020, 132, 14453-14457.	1.6	11
131	Chiral Primary Amine Catalyzed Asymmetric Tandem Reductionâ€“Michael Additionâ€“Protonation Reaction between Alkylidene Meldrumâ€™s Acid and Î±-Substituted Vinyl Ketones. Synthesis, 2015, 47, 2207-2216.	1.2	10
132	Application of Machine Learning in Organic Chemistry. Chinese Journal of Organic Chemistry, 2020, 40, 3812.	0.6	10
133	Asymmetric Coupling of Î²-Ketocarbonyls and Alkynes by Chiral Primary Amine/Rh Synergistic Catalysis. Organic Letters, 2022, 24, 1186-1189.	2.4	9
134	Copperâ€Catalyzed Aerobic Autoxidation of Nâ€Hydroxycarbamates Probed by Mass Spectrometry. Chemistry - A European Journal, 2015, 21, 14630-14637.	1.7	8
135	Catalytic Asymmetric Disulfuration by a Chiral Bulky Threeâ€Component Lewis Acidâ€Base. Angewandte Chemie, 2021, 133, 11066-11071.	1.6	8
136	Catalytic Desymmetrizing Dehydrogenation of 4â€Substituted Cyclohexanones through Enamine Oxidation. Angewandte Chemie, 2018, 130, 2275-2280.	1.6	7
137	Highly Stereoselective Construction of Î²,Î²-Diaryl-Î±-Branched Ketones by the Chiral Primary Amine-Catalyzed Asymmetric Retro-Claisen Reaction. Organic Letters, 2022, 24, 1752-1756.	2.4	7
138	Bond Energies of Enamines. ACS Omega, 2022, 7, 6354-6374.	1.6	6
139	Photoredox-Mediated Asymmetric Cross-Dehydrogenative Coupling of Enones and Tertiary Amines by Chiral Primary Amine Catalysis. Synthesis, 2021, 53, 2809-2818.	1.2	5
140	Asymmetric 1,3â€Dipolar Cycloaddition Reactions of Enones by Primary Amine Catalysis. Asian Journal of Organic Chemistry, 2019, 8, 1049-1052.	1.3	4
141	Aniline Catalysis in Bioconjugations and Material Synthesis. Chinese Journal of Organic Chemistry, 2018, 38, 1.	0.6	4
142	Catalytic asymmetric oxidative sulfenylation of Î²-ketocarbonyls using a chiral primary amine. Organic Chemistry Frontiers, 2022, 9, 1276-1281.	2.3	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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146	Catalytic Regioâ€•and Enantioselective [4+2] Annulation Reactions of Nonâ€•activated Allenes by a Chiral Cationic Indium Complex. Angewandte Chemie, 2017, 129, 11007-11011.	1.6	2
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