

Sanzhong Luo

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

155
papers

7,132
citations

49
h-index

79
g-index

164
ext. papers

8,212
ext. citations

7.4
avg, IF

6.43
L-index

#	Paper	IF	Citations
155	Asymmetric Coupling of α -Ketocarboxyls and Alkynes by Chiral Primary Amine/Rh Synergistic Catalysis.. <i>Organic Letters</i> , 2022 ,	6.2	1
154	Bio-inspired lanthanum-ortho-quinone catalysis for aerobic alcohol oxidation: semi-quinone anionic radical as redox ligand.. <i>Nature Communications</i> , 2022 , 13, 428	17.4	2
153	Bond Energies of Enamines.. <i>ACS Omega</i> , 2022 , 7, 6354-6374	3.9	0
152	Deracemization through photochemical / isomerization of enamines.. <i>Science</i> , 2022 , 375, 869-874	33.3	7
151	An Ensemble Structure and Physicochemical (SPOC) Descriptor for Machine-Learning Prediction of Chemical Reaction and Molecular Properties.. <i>ChemPhysChem</i> , 2022 , e202200255	3.2	3
150	Catalytic Asymmetric Disulfuration by a Chiral Bulky Three-Component Lewis Acid-Base. <i>Angewandte Chemie</i> , 2021 , 133, 11066-11071	3.6	2
149	Catalytic Asymmetric Disulfuration by a Chiral Bulky Three-Component Lewis Acid-Base. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 10971-10976	16.4	7
148	Photoredox-Mediated Asymmetric Cross-Dehydrogenative Coupling of Enones and Tertiary Amines by Chiral Primary Amine Catalysis. <i>Synthesis</i> , 2021 , 53, 2809-2818	2.9	1
147	Amine/ketone cooperative catalysis with H ₂ O ₂ . <i>Trends in Chemistry</i> , 2021 , 3, 892-893	14.8	
146	Chiral Primary Amine/Ketone Cooperative Catalysis for Asymmetric α -Hydroxylation with Hydrogen Peroxide. <i>Journal of the American Chemical Society</i> , 2021 , 143, 1078-1087	16.4	9
145	Photo-mediated [1, 3]-Carbonyl shift of α -Ketocarboxyls. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020 , 396, 112553	4.7	0
144	Catalytic Asymmetric Electrochemical α -Arylation of Cyclic α -Ketocarboxyls with Anodic Benzyne Intermediates. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 14347-14351	16.4	23
143	Catalytic Asymmetric Electrochemical α -Arylation of Cyclic α -Ketocarboxyls with Anodic Benzyne Intermediates. <i>Angewandte Chemie</i> , 2020 , 132, 14453-14457	3.6	1
142	β -Coordinating Chiral Primary Amine/Palladium Synergistic Catalysis for Asymmetric Allylic Alkylation. <i>Journal of the American Chemical Society</i> , 2020 , 142, 3184-3195	16.4	28
141	Application of Machine Learning in Organic Chemistry. <i>Chinese Journal of Organic Chemistry</i> , 2020 , 40, 3812	3	4
140	Holistic Prediction of the pK in Diverse Solvents Based on a Machine-Learning Approach. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 19282-19291	16.4	32
139	Holistic Prediction of the pK _a in Diverse Solvents Based on a Machine-Learning Approach. <i>Angewandte Chemie</i> , 2020 , 132, 19444-19453	3.6	9

138	Collective enantioselective total synthesis of (+)-sinensilactam A, (+)-lingzhiolactone B and (-)-lingzhiol: divergent reactivity of styrene. <i>Chemical Communications</i> , 2020 , 56, 10066-10069	5.8	5
137	Indoline Catalyzed Acylhydrazone/Oxime Condensation under Neutral Aqueous Conditions. <i>Organic Letters</i> , 2020 , 22, 6035-6040	6.2	8
136	Chiral Primary Amine-Catalyzed Divergent Coupling of β -Substituted Acrylaldehydes with β -Diazoesters. <i>ACS Catalysis</i> , 2020 , 10, 10989-10998	13.1	4
135	Tailoring radicals by asymmetric electrochemical catalysis. <i>Organic Chemistry Frontiers</i> , 2020 , 7, 2997-3000	5.0	7
134	Redox Property of Enamines. <i>Journal of Organic Chemistry</i> , 2019 , 84, 12071-12090	4.2	16
133	Asymmetric Retro-Claisen Reaction by Synergistic Chiral Primary Amine/Palladium Catalysis. <i>Organic Letters</i> , 2019 , 21, 7258-7261	6.2	6
132	Enantioselective Oxidative Coupling of β -Ketocarboxyls and Anilines by Joint Chiral Primary Amine and Selenium Catalysis. <i>Organic Letters</i> , 2019 , 21, 8178-8182	6.2	8
131	Asymmetric Electrochemical Catalysis. <i>Chemistry - A European Journal</i> , 2019 , 25, 10033-10044	4.8	60
130	Photoredox Mediated Acceptorless Dehydrogenative Coupling of Saturated N-Heterocycles. <i>ACS Catalysis</i> , 2019 , 9, 3589-3594	13.1	31
129	Asymmetric 1,3-Dipolar Cycloaddition Reactions of Enones by Primary Amine Catalysis. <i>Asian Journal of Organic Chemistry</i> , 2019 , 8, 1049-1052	3	3
128	Mechanistic Studies on Bioinspired Aerobic C-H Oxidation of Amines with an ortho-Quinone Catalyst. <i>Journal of Organic Chemistry</i> , 2019 , 84, 2542-2555	4.2	19
127	Enantioselective Diels-Alder reaction of anthracene by chiral tritylium catalysis. <i>Beilstein Journal of Organic Chemistry</i> , 2019 , 15, 1304-1312	2.5	10
126	Dynamic multiphase semi-crystalline polymers based on thermally reversible pyrazole-urea bonds. <i>Nature Communications</i> , 2019 , 10, 4753	17.4	44
125	Steric Effect of Protonated Tertiary Amine in Primary-Tertiary Diamine Catalysis: A Double-Layered Sterimol Model. <i>Organic Letters</i> , 2019 , 21, 407-411	6.2	8
124	Catalytic Asymmetric α -C-H Functionalizations of Ketones via Enamine Oxidation. <i>Organic Letters</i> , 2018 , 20, 1672-1675	6.2	11
123	Bio-inspired quinone catalysis. <i>Chinese Chemical Letters</i> , 2018 , 29, 1193-1200	8.1	17
122	Aromatic Aminocatalysis. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 740-753	4.5	9
121	Enantioselective indium(I)-catalyzed [4 + 2] annulation of alkoxyallenes and β -unsaturated β -keto esters. <i>Organic Chemistry Frontiers</i> , 2018 , 5, 1787-1791	5.2	8

120 Practical Asymmetric Organocatalysis **2018**, 185-217

- 119 Electrochemical Generation of Diaza-oxyallyl Cation for Cycloaddition in an All-Green Electrolytic System. *Organic Letters*, **2018**, 20, 1324-1327 6.2 27
- 118 Visible Light Promoted α -Alkylation of α -Ketocarboxyls via a β -Enaminyl Radical Intermediate. *Chinese Journal of Chemistry*, **2018**, 36, 311-320 4.9 9
- 117 Catalytic asymmetric enamine protonation reaction. *Organic and Biomolecular Chemistry*, **2018**, 16, 510-520 3.9 13
- 116 Catalytic Desymmetrizing Dehydrogenation of 4-Substituted Cyclohexanones through Enamine Oxidation. *Angewandte Chemie*, **2018**, 130, 2275-2280 3.6 6
- 115 Catalytic Desymmetrizing Dehydrogenation of 4-Substituted Cyclohexanones through Enamine Oxidation. *Angewandte Chemie - International Edition*, **2018**, 57, 2253-2258 16.4 25
- 114 Catalytic Asymmetric Oxidative Enamine Transformations. *ACS Catalysis*, **2018**, 8, 5466-5484 13.1 42
- 113 Asymmetric α -Alkylation of α -Ketocarboxyls via Direct Phenacyl Bromide Photolysis by Chiral Primary Amine. *Chinese Journal of Chemistry*, **2018**, 36, 716-722 4.9 9
- 112 Carbocation Lewis Acid Catalyzed Diels-Alder Reactions of Anthracene Derivatives. *Organic Letters*, **2018**, 20, 2269-2272 6.2 21
- 111 Organocatalytic Electrochemical α -Lactonization of Aromatic Carboxylic Acids. *Synthesis*, **2018**, 50, 2924-2929 2.9 22
- 110 Asymmetric Fluorination of β -Branched Aldehydes by Chiral Primary Amine Catalysis: Reagent-Controlled Enantioselectivity Switch. *Journal of Organic Chemistry*, **2018**, 83, 4250-4256 4.2 15
- 109 Visible-light promoted arene α / α' lactonization via carboxylic radical aromatic substitution. *Organic Chemistry Frontiers*, **2018**, 5, 237-241 5.2 30
- 108 Catalytic enantioselective β -Sulfonylation of α -Ketocarboxyls by chiral primary amines. *Organic Chemistry Frontiers*, **2018**, 5, 2313-2316 5.2 15
- 107 Aniline Catalysis in Bioconjugations and Material Synthesis. *Chinese Journal of Organic Chemistry*, **2018**, 38, 1 3 4
- 106 Rational Design of Chiral Catalysts Based on Experimental Data and Reaction Mechanism. *Chinese Journal of Organic Chemistry*, **2018**, 38, 2363 3 2
- 105 Catalytic Asymmetric Mannich Type Reaction with Tri-/Difluoro- or Trichloroacetalimine Precursors. *Organic Letters*, **2018**, 20, 7137-7140 6.2 14
- 104 Visible-Light-Promoted Asymmetric Cross-Dehydrogenative Coupling of Tertiary Amines to Ketones by Synergistic Multiple Catalysis. *Angewandte Chemie - International Edition*, **2017**, 56, 3694-3698 16.4 163
- 103 Visible-Light-Promoted Asymmetric Cross-Dehydrogenative Coupling of Tertiary Amines to Ketones by Synergistic Multiple Catalysis. *Angewandte Chemie*, **2017**, 129, 3748-3752 3.6 39

102	Enantioselective Terminal Addition to Allenes by Dual Chiral Primary Amine/Palladium Catalysis. <i>Journal of the American Chemical Society</i> , 2017 , 139, 3631-3634	16.4	70
101	Organocatalysis in Inert C-H Bond Functionalization. <i>Chemical Reviews</i> , 2017 , 117, 9433-9520	68.1	403
100	A chiral ion-pair photoredox organocatalyst: enantioselective anti-Markovnikov hydroetherification of alkenols. <i>Organic Chemistry Frontiers</i> , 2017 , 4, 1037-1041	5.2	35
99	Catalytic Asymmetric Electrochemical Oxidative Coupling of Tertiary Amines with Simple Ketones. <i>Organic Letters</i> , 2017 , 19, 2122-2125	6.2	109
98	Divergent Coupling of α -Unsaturated β -Ketoesters with Simple Olefins: Vinylation and [2 + 2] Cycloaddition. <i>Organic Letters</i> , 2017 , 19, 3366-3369	6.2	8
97	Enantio- and Diastereoselective Cyclopropanation of α -Unsaturated β -Ketoester by a Chiral Phosphate/Indium(III) Complex. <i>Organic Letters</i> , 2017 , 19, 3331-3334	6.2	20
96	Chiral Primary Amine Catalyzed Asymmetric β -Benzoylation with In Situ Generated ortho-Quinone Methides. <i>Chemistry - A European Journal</i> , 2017 , 23, 1253-1257	4.8	22
95	Catalytic Asymmetric Mannich Reaction with N-Carbamoyl Imine Surrogates of Formaldehyde and Glyoxylate. <i>Angewandte Chemie</i> , 2017 , 129, 14002-14006	3.6	6
94	Oxidative Synthesis of Benzimidazoles, Quinoxalines, and Benzoxazoles from Primary Amines by ortho-Quinone Catalysis. <i>Organic Letters</i> , 2017 , 19, 5629-5632	6.2	60
93	Catalytic Asymmetric Mannich Reaction with N-Carbamoyl Imine Surrogates of Formaldehyde and Glyoxylate. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 13814-13818	16.4	32
92	Enantioselective Decarboxylative β -Alkynylation of β -Ketocarboxyls via a Catalytic β -Amino Radical Intermediate. <i>Organic Letters</i> , 2017 , 19, 4924-4927	6.2	40
91	Catalytic Regio- and Enantioselective [4+2] Annulation Reactions of Non-activated Allenes by a Chiral Cationic Indium Complex. <i>Angewandte Chemie</i> , 2017 , 129, 11007-11011	3.6	2
90	Catalytic Regio- and Enantioselective [4+2] Annulation Reactions of Non-activated Allenes by a Chiral Cationic Indium Complex. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 10867-10871	16.4	24
89	Reagent-controlled enantioselectivity switch for the asymmetric fluorination of β -ketocarboxyls by chiral primary amine catalysis. <i>Chemical Science</i> , 2017 , 8, 621-626	9.4	47
88	Photo-induced Catalytic Asymmetric Free Radical Reactions. <i>Acta Chimica Sinica</i> , 2017 , 75, 22	3.3	17
87	Oxidative Radical Addition-Cyclization of Sulfonyl Hydrazones with Simple Olefins by Binary Acid Catalysis. <i>Organic Letters</i> , 2016 , 18, 3150-3	6.2	25
86	Visible-light promoted intermolecular halofunctionalization of alkenes with N-halogen saccharins. <i>Organic Chemistry Frontiers</i> , 2016 , 3, 447-452	5.2	19
85	Asymmetric Retro-Claisen Reaction by Chiral Primary Amine Catalysis. <i>Journal of the American Chemical Society</i> , 2016 , 138, 3978-81	16.4	60

84	Carbocation Lewis Acid Catalyzed Redox-Neutral α (sp ³)H Arylation of Amines. <i>Acta Chimica Sinica</i> , 2016 , 74, 61	3.3	10
83	Redox tuning of a direct asymmetric aldol reaction. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 5210-3	16.4	34
82	Bioinspired organocatalytic aerobic C-H oxidation of amines with an ortho-quinone catalyst. <i>Organic Letters</i> , 2015 , 17, 1469-72	6.2	66
81	Pushing the limits of aminocatalysis: enantioselective transformations of β -branched α -ketocarboxyls and vinyl ketones by chiral primary amines. <i>Accounts of Chemical Research</i> , 2015 , 48, 986-97	24.3	113
80	Chiral Primary Amine Catalyzed Asymmetric Tandem Reduction-Michael Addition-Protonation Reaction between Alkylidene Meldrum Acid and β -Substituted Vinyl Ketones. <i>Synthesis</i> , 2015 , 47, 2207-2216	2.9	8
79	Organic Photocatalytic Cyclization of Polyenes: A Visible-Light-Mediated Radical Cascade Approach. <i>Chemistry - A European Journal</i> , 2015 , 21, 14723-7	4.8	20
78	Asymmetric Latent Carbocation Catalysis with Chiral Trityl Phosphate. <i>Journal of the American Chemical Society</i> , 2015 , 137, 15576-83	16.4	53
77	Chiral Primary Amine/Palladium Dual Catalysis for Asymmetric Allylic Alkylation of α -Ketocarboxyl Compounds with Allylic Alcohols. <i>Angewandte Chemie</i> , 2015 , 127, 12836-12839	3.6	33
76	Redox Tuning of a Direct Asymmetric Aldol Reaction. <i>Angewandte Chemie</i> , 2015 , 127, 5299-5302	3.6	8
75	Copper-catalyzed aerobic autoxidation of N-hydroxycarbamates probed by mass spectrometry. <i>Chemistry - A European Journal</i> , 2015 , 21, 14630-7	4.8	6
74	Chiral Primary Amine/Palladium Dual Catalysis for Asymmetric Allylic Alkylation of α -Ketocarboxyl Compounds with Allylic Alcohols. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 12645-8	16.4	83
73	[4 + 2] cycloaddition of in situ generated 1,2-diaza-1,3-dienes with simple olefins: facile approaches to tetrahydropyridazines. <i>Organic Letters</i> , 2015 , 17, 1561-4	6.2	68
72	Catalytic Asymmetric Oxidative α -H N,O-Ketalization of Ketones by Chiral Primary Amine. <i>Organic Letters</i> , 2015 , 17, 4392-5	6.2	15
71	Chiral primary amine catalyzed asymmetric Michael addition of malononitrile to β -substituted vinyl ketone. <i>Organic Letters</i> , 2015 , 17, 382-5	6.2	20
70	Asymmetric β -benzyloxylation of α -ketocarboxyls by a chiral primary amine catalyst. <i>Organic Letters</i> , 2015 , 17, 576-9	6.2	36
69	Merging aerobic oxidation and enamine catalysis in the asymmetric β -amination of α -ketocarboxyls using N-hydroxycarbamates as nitrogen sources. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 4149-53	16.4	93
68	Catalytic asymmetric α (sp ³)H functionalization of amines. <i>Tetrahedron Letters</i> , 2014 , 55, 551-558	2	92
67	Asymmetric enamine catalysis with α -ketoesters by chiral primary amine: divergent stereocontrol modes. <i>Journal of Organic Chemistry</i> , 2014 , 79, 11517-26	4.2	39

66	Direct intramolecular conjugate addition of simple alkenes to α,β -unsaturated carbonyls catalyzed by Cu(OTf) ₂ . <i>Organic Letters</i> , 2014 , 16, 5032-5	6.2	23
65	Chiral primary amine catalysed asymmetric conjugate addition of azoles to α,β -substituted vinyl ketones. <i>Organic Chemistry Frontiers</i> , 2014 , 1, 68-72	5.2	26
64	Asymmetric sulfa-Michael addition to α,β -substituted vinyl ketones catalyzed by chiral primary amine. <i>Organic Letters</i> , 2014 , 16, 4626-9	6.2	36
63	Asymmetric α -photoalkylation of β -ketocarboxyls by primary amine catalysis: facile access to acyclic all-carbon quaternary stereocenters. <i>Journal of the American Chemical Society</i> , 2014 , 136, 14642-5	16.4	163
62	Synergistic Pd/enamine catalysis: a strategy for the C-H/C-H oxidative coupling of allylarenes with unactivated ketones. <i>Organic Letters</i> , 2014 , 16, 3584-7	6.2	52
61	Taming living carbocations in catalytic direct conjugate addition of simple alkenes to α,β -enones. <i>Chemistry - A European Journal</i> , 2014 , 20, 8293-6	4.8	20
60	Enantioselective Organocatalytic Conjugate Addition of Alkenes to α,β -Enones. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 3540-3545	3.2	13
59	Merging Aerobic Oxidation and Enamine Catalysis in the Asymmetric α -Amination of β -Ketocarboxyls Using N-Hydroxycarbamates as Nitrogen Sources. <i>Angewandte Chemie</i> , 2014 , 126, 4233-4237	2.6	29
58	Visible-light promoted catalyst-free imidation of arenes and heteroarenes. <i>Chemistry - A European Journal</i> , 2014 , 20, 14231-4	4.8	105
57	Primary-Tertiary Diamine/Bronsted Acid Catalyzed α -Alkylation of Carbonyl Compounds with Allylic Alcohols. <i>Chinese Journal of Chemistry</i> , 2014 , 32, 673-677	4.9	1
56	Origins of the enantio- and N/O selectivity in the primary-amine-catalyzed hydroxyamination of 1,3-dicarbonyl compounds with in-situ-formed nitrosocarbonyl compounds: a theoretical study. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 3565-71	4.5	25
55	Counteranions of In(III) Induced Reversal of Enantiocontrol in Friedel-Crafts Reaction of Indoles by Asymmetric Binary Acid Catalysis. <i>Acta Chimica Sinica</i> , 2014 , 72, 809	3.3	11
54	Switchable diastereoselectivity in enantioselective [4+2] cycloadditions with simple olefins by asymmetric binary acid catalysis. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 9786-90	16.4	61
53	In(III)/PhCO ₂ H binary acid catalyzed tandem [2 + 2] cycloaddition and Nazarov reaction between alkynes and acetals. <i>Organic Letters</i> , 2013 , 15, 4496-9	6.2	38
52	Asymmetric binary acid catalysis: chiral phosphoric acid as dual ligand and acid. <i>Chemical Communications</i> , 2013 , 49, 847-58	5.8	85
51	Catalytic Nazarov reaction of aryl vinyl ketones via binary acid strategy. <i>Journal of Organic Chemistry</i> , 2013 , 78, 606-13	4.2	31
50	Primary-tertiary diamine/Bronsted acid catalyzed C-C coupling between para-vinylanilines and aldehydes. <i>Chemistry - A European Journal</i> , 2013 , 19, 9481-4	4.8	16
49	A Practical Protocol for Asymmetric Synthesis of Wieland-Miescher and Hajos-Parrish Ketones Catalyzed by a Simple Chiral Primary Amine. <i>Synthesis</i> , 2013 , 45, 1939-1945	2.9	22

48	Chiral primary-amine-catalyzed conjugate addition to β -substituted vinyl ketones/aldehydes: divergent stereocontrol modes on enamine protonation. <i>Chemistry - A European Journal</i> , 2013 , 19, 15669-81	4.8	27
47	Switchable Diastereoselectivity in Enantioselective [4+2] Cycloadditions with Simple Olefins by Asymmetric Binary Acid Catalysis. <i>Angewandte Chemie</i> , 2013 , 125, 9968-9972	3.6	15
46	Asymmetric binary-acid catalysis with InBr ₃ in the inverse-electron-demanding hetero-Diels-Alder reaction of mono- and bis-substituted cyclopentadienes: remote fluoro-effect on stereocontrol. <i>Chemistry - A European Journal</i> , 2012 , 18, 799-803	4.8	54
45	Theoretical studies of the asymmetric binary-acid-catalyzed tert-aminocyclization reaction: origins of the C(sp ³)-H activation and stereoselectivity. <i>Chemistry - an Asian Journal</i> , 2012 , 7, 2569-76	4.5	54
44	Supported Asymmetric Organocatalysis 2012 , 99-135		4
43	Catalytic enantioselective tert-aminocyclization by asymmetric binary acid catalysis (ABC): stereospecific 1,5-hydrogen transfer. <i>Chemistry - A European Journal</i> , 2012 , 18, 8891-5	4.8	111
42	Bio-inspired Chiral Primary Amine Catalysis. <i>Synlett</i> , 2012 , 23, 1575-1589	2.2	36
41	Asymmetric Binary-Acid Catalysis in the Inverse-Electron-Demanding Hetero-Diels-Alder Reaction of 3,4-Dihydro-2H-Pyran. <i>Acta Chimica Sinica</i> , 2012 , 70, 1518	3.3	19
40	Non-covalent immobilization of asymmetric organocatalysts. <i>Catalysis Science and Technology</i> , 2011 , 1, 507	5.5	53
39	Chiral Primary Amine Catalyzed Asymmetric Direct Cross-Aldol Reaction of Acetaldehyde. <i>European Journal of Organic Chemistry</i> , 2011 , 2011, 3347-3352	3.2	43
38	Asymmetric Binary Acid Catalysis: A Regioselectivity Switch between Enantioselective 1,2- and 1,4-Addition through Different Counteranions of In(III). <i>Angewandte Chemie</i> , 2011 , 123, 6740-6744	3.6	35
37	Chiral Primary Amine Catalyzed Enantioselective Protonation via an Enamine Intermediate. <i>Angewandte Chemie</i> , 2011 , 123, 11653-11657	3.6	17
36	Asymmetric binary acid catalysis: a regioselectivity switch between enantioselective 1,2- and 1,4-addition through different counteranions of In(III). <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 6610-4	16.4	89
35	Chiral primary amine catalyzed enantioselective protonation via an enamine intermediate. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 11451-5	16.4	65
34	Asymmetric supramolecular primary amine catalysis in aqueous buffer: connections of selective recognition and asymmetric catalysis. <i>Journal of the American Chemical Society</i> , 2010 , 132, 7216-28	16.4	86
33	Asymmetric binary-acid catalysis with chiral phosphoric acid and MgF(2): catalytic enantioselective Friedel-Crafts reactions of beta,gamma-unsaturated alpha-ketoesters. <i>Organic Letters</i> , 2010 , 12, 1096-9	6.2	122
32	Chiral pyrrolidine-azole conjugates: Simple and efficient asymmetric organocatalysts for Michael addition to nitrostyrenes. <i>Science Bulletin</i> , 2010 , 55, 1735-1741		2
31	Functionalized Chiral Ionic Liquid Catalyzed Asymmetric SN1 β -Alkylation of Ketones and Aldehydes. <i>European Journal of Organic Chemistry</i> , 2010 , 2010, 4876-4885	3.2	30

30	Chiral Primary Amine Catalyzed Asymmetric Epoxidation of β -Substituted Acroleins. <i>European Journal of Organic Chemistry</i> , 2010 , 2010, 6840-6849	3.2	27
29	Asymmetric Michael Addition Reaction of 3-Substituted Oxindoles to Nitroolefins Catalyzed by a Chiral Alkyl-Substituted Thiourea Catalyst. <i>Advanced Synthesis and Catalysis</i> , 2010 , 352, 416-424	5.6	106
28	Highly Enantioselective Michael Addition Reactions of 3-Substituted Benzofuran-2(3H)-ones to Chalcones Catalyzed by a Chiral Alkyl-Substituted Thiourea. <i>Advanced Synthesis and Catalysis</i> , 2010 , 352, 1097-1101	5.6	48
27	Physical organic study of structure-activity-enantioselectivity relationships in asymmetric bifunctional thiourea catalysis: hints for the design of new organocatalysts. <i>Chemistry - A European Journal</i> , 2010 , 16, 450-5	4.8	109
26	Asymmetric SN1 α -alkylation of cyclic ketones catalyzed by functionalized chiral ionic liquid (FCIL) organocatalysts. <i>Chemistry - A European Journal</i> , 2010 , 16, 2045-9	4.8	83
25	Asymmetric retro- and transfer-aldol reactions catalyzed by a simple chiral primary amine. <i>Chemistry - A European Journal</i> , 2010 , 16, 4457-61	4.8	59
24	Asymmetric conjugate addition of oxindoles to 2-chloroacrylonitrile: a highly effective organocatalytic strategy for simultaneous construction of 1,3-nonadjacent stereocenters leading to chiral pyrroloindolines. <i>Chemistry - A European Journal</i> , 2010 , 16, 14290-4	4.8	68
23	Chiral Primary Amine-Polyoxometalate Acid Hybrids as Asymmetric Recoverable Iminium-Based Catalysts. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 4486-4493	3.2	38
22	Bifunctional catalysis of Morita-Baylis-Hillman (MBH) reaction with chiral primary-tertiary diamine: A non-typical MBH catalytic pathway. <i>Science in China Series B: Chemistry</i> , 2009 , 52, 1300-1308		2
21	Functionalized chiral ionic liquids: a new type of asymmetric organocatalysts and nonclassical chiral ligands. <i>Chemistry - an Asian Journal</i> , 2009 , 4, 1184-95	4.5	83
20	Asymmetric direct aldol reactions of acetoacetals catalyzed by a simple chiral primary amine. <i>Journal of Organic Chemistry</i> , 2009 , 74, 9521-3	4.2	31
19	Magnetic nanoparticle supported ionic liquid catalysts for CO ₂ cycloaddition reactions. <i>Green Chemistry</i> , 2009 , 11, 455	10	214
18	Asymmetric bifunctional primary aminocatalysis on magnetic nanoparticles. <i>Chemical Communications</i> , 2008 , 5719-21	5.8	111
17	Asymmetric direct aldol reactions of pyruvic derivatives. <i>Organic Letters</i> , 2008 , 10, 1775-8	6.2	87
16	Highly enantioselective direct syn- and anti-aldol reactions of dihydroxyacetones catalyzed by chiral primary amine catalysts. <i>Organic Letters</i> , 2008 , 10, 653-6	6.2	114
15	Noncovalently supported heterogeneous chiral amine catalysts for asymmetric direct aldol and Michael addition reactions. <i>Chemistry - A European Journal</i> , 2008 , 14, 1273-81	4.8	101
14	Organocatalytic Three-Component Reactions of Pyruvate, Aldehyde and Aniline by Hydrogen-Bonding Catalysts. <i>European Journal of Organic Chemistry</i> , 2008 , 2008, 4350-4356	3.2	44
13	Chiral Amine-Polyoxometalate Hybrids as Recoverable Asymmetric Enamine Catalysts under Neat and Aqueous Conditions. <i>European Journal of Organic Chemistry</i> , 2008 , 2009, 132-140	3.2	8

12	Chiral amine-polyoxometalate hybrids as highly efficient and recoverable asymmetric enamine catalysts. <i>Organic Letters</i> , 2007 , 9, 3675-8	6.2	85
11	Magnetic Nanoparticle-Supported Morita-Baylis-Hillman Catalysts. <i>Advanced Synthesis and Catalysis</i> , 2007 , 349, 2431-2434	5.6	89
10	Facile evolution of asymmetric organocatalysts in water assisted by surfactant Brønsted acids. <i>Tetrahedron</i> , 2007 , 63, 11307-11314	2.4	72
9	Functionalized chiral ionic liquid catalyzed enantioselective desymmetrizations of prochiral ketones via asymmetric Michael addition reaction. <i>Journal of Organic Chemistry</i> , 2007 , 72, 9350-2	4.2	103
8	A simple primary-tertiary diamine-Brønsted acid catalyst for asymmetric direct aldol reactions of linear aliphatic ketones. <i>Journal of the American Chemical Society</i> , 2007 , 129, 3074-5	16.4	242
7	Functionalized chiral ionic liquids as highly efficient asymmetric organocatalysts for Michael addition to nitroolefins. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 3093-7	16.4	400
6	Functionalized Chiral Ionic Liquids as Highly Efficient Asymmetric Organocatalysts for Michael Addition to Nitroolefins. <i>Angewandte Chemie</i> , 2006 , 118, 3165-3169	3.6	89
5	Surfactant-type asymmetric organocatalyst: organocatalytic asymmetric Michael addition to nitrostyrenes in water. <i>Chemical Communications</i> , 2006 , 3687-9	5.8	163
4	Evolution of pyrrolidine-type asymmetric organocatalysts by "click" chemistry. <i>Journal of Organic Chemistry</i> , 2006 , 71, 9244-7	4.2	106
3	Remarkable rate acceleration of imidazole-promoted Baylis-Hillman reaction involving cyclic enones in basic water solution. <i>Journal of Organic Chemistry</i> , 2004 , 69, 555-8	4.2	98
2	Efficient Baylis-Hillman reactions of cyclic enones in methanol as catalyzed by methoxide anion. <i>Journal of Organic Chemistry</i> , 2004 , 69, 8413-22	4.2	71
1	Catalytic Asymmetric Addition and Telomerization of Butadiene with Enamine Intermediates. <i>CCS Chemistry</i> , 2622-2630	7.2	2