

# Enantioselective Nitroaldol Reaction of $\hat{I}\pm$ -Ketoesters C

Journal of the American Chemical Society

128, 732-733

DOI: 10.1021/ja057237l

Citation Report

#	ARTICLE	IF	CITATIONS
3	Enantioselective Synthesis of $\beta^3$ -Hydroxyenones by Chiral Base-Catalyzed Kornblum DeLaMare Rearrangement. <i>Journal of the American Chemical Society</i> , 2006, 128, 12658-12659.	6.6	112
4	Asymmetric Friedel-Crafts Reaction of Indoles with Imines by an Organic Catalyst. <i>Journal of the American Chemical Society</i> , 2006, 128, 8156-8157.	6.6	311
5	The Mannich Reaction of Malonates with Simple Imines Catalyzed by Bifunctional Cinchona Alkaloids: $\alpha$ -Enantioselective Synthesis of $\beta^2$ -Amino Acids. <i>Journal of the American Chemical Society</i> , 2006, 128, 6048-6049.	6.6	320
6	Asymmetric Bioreductions of $\beta^2$ -Nitro Acrylates as a Route to Chiral $\beta^2$ -Amino Acids. <i>Organic Letters</i> , 2006, 8, 6131-6133.	2.4	98
7	Mixed La-Li Heterobimetallic Complexes for Tertiary Nitroaldol Resolution. <i>Journal of the American Chemical Society</i> , 2006, 128, 11776-11777.	6.6	119
8	Enantioselective cyanocarbonation of ketones with chiral base. <i>Tetrahedron</i> , 2006, 62, 11320-11330.	1.0	46
9	Phosphine-catalyzed nitroaldol reactions. <i>Tetrahedron Letters</i> , 2006, 47, 9313-9316.	0.7	32
10	Catalytic asymmetric Henry reaction. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 3315-3326.	1.8	403
12	Cupreines and Cupreidines: An Emerging Class of Bifunctional Cinchona Organocatalysts. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 7496-7504.	7.2	342
13	Diastereoselective and Enantioselective Henry (Nitroaldol) Reaction Utilizing a Guanidine-Thiourea Bifunctional Organocatalyst. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 2894-2897.	1.2	153
15	Asymmetric catalysis for the construction of quaternary carbon centres: nucleophilic addition on ketones and ketimines. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 873.	1.5	421
16	Chiral Tetraaminophosphonium Salt-Mediated Asymmetric Direct Henry Reaction. <i>Journal of the American Chemical Society</i> , 2007, 129, 12392-12393.	6.6	208
17	Chemoselective Nucleophilic Fluorination Induced by Selective Solvation of the SN2 Transition State. <i>Journal of Physical Chemistry B</i> , 2007, 111, 1752-1758.	1.2	38
18	Enantioselective catalysis of the Henry reaction by a chiral macrocyclic ytterbium complex in aqueous media. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 3842.	1.5	16
19	Ab Initio, Density Functional Theory, and Continuum Solvation Model Prediction of the Product Ratio in the SN2 Reaction of NO <sub>2</sub> -with CH <sub>3</sub> CH <sub>2</sub> Cl and CH <sub>3</sub> CH <sub>2</sub> Br in DMSO Solution. <i>Journal of Physical Chemistry A</i> , 2007, 111, 10068-10074.	1.1	21
20	Small-Molecule H-Bond Donors in Asymmetric Catalysis. <i>Chemical Reviews</i> , 2007, 107, 5713-5743.	23.0	2,323
21	Asymmetric Diels-Alder Reactions of 2-Pyrones with a Bifunctional Organic Catalyst. <i>Journal of the American Chemical Society</i> , 2007, 129, 6364-6365.	6.6	213
22	Rational Design of Sterically and Electronically Easily Tunable Chiral Bisimidazolines and Their Applications in Dual Lewis Acid/Brønsted Base Catalysis for Highly Enantioselective Nitroaldol (Henry) Reactions. <i>Chemistry - A European Journal</i> , 2007, 13, 1863-1871.	1.7	150

#	ARTICLE	IF	CITATIONS
23	Two-Dimensional Electronic Conjugation: Statics and Dynamics at Structural Domains Beyond Molecular Wires. <i>Chemistry - A European Journal</i> , 2007, 13, 7040-7049.	1.7	32
24	Pd-Catalyzed Cleavage of Benzylic Nitro Bonds: New Opportunities for Asymmetric Synthesis. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 2078-2081.	7.2	34
26	Hydroxynitrile Lyase-Catalyzed Enzymatic Nitroaldol (Henry) Reaction. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 1445-1450.	2.1	120
27	Density Functional Theory Study of the Cinchona Thiourea-Catalyzed Henry Reaction: Mechanism and Enantioselectivity. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 2537-2548.	2.1	99
28	Recent Advances in the Catalytic Asymmetric Nitroaldol (Henry) Reaction. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 2561-2574.	1.2	460
29	Synthesis of polyhydroquinoline derivatives through unsymmetric Hantzsch reaction using organocatalysts. <i>Tetrahedron</i> , 2007, 63, 1946-1952.	1.0	244
30	Organocatalytic direct aldol and nitroaldol reactions between azetidine-2,3-diones and ketones or nitromethane. <i>Tetrahedron</i> , 2007, 63, 3102-3107.	1.0	14
31	Asymmetric organocatalysis. <i>Tetrahedron</i> , 2007, 63, 9267-9331.	1.0	656
32	Enantioselective Henry reaction catalyzed with copper(II)-iminopyridine complexes. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 1603-1612.	1.8	91
33	Bakers' yeast catalyzed synthesis of polyhydroquinoline derivatives via an unsymmetrical Hantzsch reaction. <i>Tetrahedron Letters</i> , 2007, 48, 3887-3890.	0.7	122
34	Novel thiolated amino-alcohols as chiral ligands for copper-catalyzed asymmetric nitro-aldol reactions. <i>Tetrahedron Letters</i> , 2007, 48, 4235-4238.	0.7	26
35	A highly efficient asymmetric Michael addition of anthrone to nitroalkenes with cinchona organocatalysts. <i>Tetrahedron Letters</i> , 2007, 48, 5743-5746.	0.7	60
36	Organocatalytic direct aldol reaction between acetone and $\alpha$ -substituted $\beta$ -keto esters. <i>Journal of Molecular Catalysis A</i> , 2007, 267, 98-101.	4.8	14
37	Organocatalytic Asymmetric Nitroaldol Reaction: Cooperative Effects of Guanidine and Thiourea Functional Groups. <i>Chemistry - an Asian Journal</i> , 2007, 2, 1150-1160.	1.7	124
38	Enantioselective Henry reaction catalyzed by a C <sub>2</sub> -symmetric bis(oxazoline)-Cu(OAc) <sub>2</sub> ·H <sub>2</sub> O complex. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 3932.	1.5	79
39	Dual-reagent organocatalysis with a phosphine and electron-deficient alkene: application to the Henry reaction. <i>Tetrahedron Letters</i> , 2008, 49, 6442-6444.	0.7	31
40	A Green Synthesis of Tetrahydrobenzo[b]pyran Derivatives through Three-Component Condensation Using N-Methylimidazole as Organocatalyst. <i>Monatshefte für Chemie</i> , 2008, 139, 129-131.	0.9	85
41	New Highly Asymmetric Henry Reaction Catalyzed by Cu <sup>II</sup> and a C <sub>1</sub> -Symmetric Aminopyridine Ligand, and Its Application to the Synthesis of Miconazole. <i>Chemistry - A European Journal</i> , 2008, 14, 4725-4730.	1.7	177

#	ARTICLE	IF	CITATIONS
42	A Secondary Amine Amide Organocatalyst for the Asymmetric Nitroaldol Reaction of $\beta$ -Ketophosphonates. <i>Chemistry - A European Journal</i> , 2008, 14, 10896-10899.	1.7	55
43	Simple Lanthanide Amides [(Me) <sub>3</sub> Si] <sub>2</sub> N] <sub>3</sub> Ln( $\mu$ -Cl)Li(THF) <sub>3</sub> as Highly Efficient Catalysts for the Nitroaldol Reaction. <i>Chinese Journal of Chemistry</i> , 2008, 26, 2267-2272.	2.6	6
44	A Heterobimetallic Pd/La/Schiff Base Complex for <i>anti</i> -Selective Catalytic Asymmetric Nitroaldol Reactions and Applications to Short Syntheses of $\beta$ -Adrenoceptor Agonists. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 3230-3233.	7.2	186
45	Organocatalytic Asymmetric Formal [3+2] Cycloaddition Reaction of Isocyanoesters to Nitroolefins Leading to Highly Optically Active Dihydropyrroles. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 3414-3417.	7.2	180
46	Catalytic Enantioselective Alkylation of Substituted Dioxanone Enol Ethers: Ready Access to C( $\beta$ -Tetrasubstituted Hydroxyketones, Acids, and Esters. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 6873-6876.	7.2	79
47	Modularly Designed Organocatalytic Assemblies for Direct Nitro-Michael Addition Reactions. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 7714-7717.	7.2	179
48	Organocatalytic and Enantioselective Direct Vinylogous Michael Addition to Maleimides. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 1796-1800.	2.1	73
53	A novel and efficient one-pot synthesis of furo[3,4- <i>b</i> ]pyrido[2,3- <i>c</i> ]pyrazole derivatives using organocatalysts. <i>Tetrahedron</i> , 2008, 64, 2425-2432.	1.0	82
54	Organocatalysed three-component domino synthesis of 1,4-dihydropyridines under solvent free conditions. <i>Tetrahedron</i> , 2008, 64, 3477-3482.	1.0	66
55	Chiral binuclear copper(II) catalyzed nitroaldol reaction: scope and mechanism. <i>Tetrahedron</i> , 2008, 64, 11724-11731.	1.0	37
56	Asymmetric Henry reaction catalyzed by a copper tridentate chiral schiff-base complex. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 1813-1819.	1.8	70
57	Ozonolysis of Morita-Baylis-Hillman adducts originated from aromatic aldehydes: an expeditious diastereoselective approach for the preparation of $\beta$ , $\gamma$ -dihydroxy-esters. <i>Tetrahedron Letters</i> , 2008, 49, 145-148.	0.7	10
58	Organocatalytic enantioselective Friedel-Crafts alkylation of simple phenols with trifluoropyruvate. <i>Tetrahedron Letters</i> , 2008, 49, 1476-1479.	0.7	56
59	Asymmetric organocatalytic nitroaldol reaction of $\beta$ -ketoesters: stereoselective construction of chiral tertiary alcohols at subzero temperature. <i>Tetrahedron Letters</i> , 2008, 49, 1623-1626.	0.7	70
60	Aluminum-Catalyzed Asymmetric Alkylations of Pyridyl-Substituted Alkynyl Ketones with Dialkylzinc Reagents. <i>Journal of the American Chemical Society</i> , 2008, 130, 9942-9951.	6.6	82
61	Enantioselective organocatalyzed Henry reaction with fluoromethyl ketones. <i>Chemical Communications</i> , 2008, , 4360.	2.2	107
62	Asymmetric catalysis with bifunctional cinchona alkaloid-based urea and thiourea organocatalysts. <i>Chemical Communications</i> , 2008, , 2499.	2.2	778
63	Stereodivergent Catalytic Doubly Diastereoselective Nitroaldol Reactions Using Heterobimetallic Complexes. <i>Organic Letters</i> , 2008, 10, 2231-2234.	2.4	71

#	ARTICLE	IF	CITATIONS
64	A Highly Diastereo- and Enantioselective Synthesis of Multisubstituted Cyclopentanes with Four Chiral Carbons by the Organocatalytic Domino Michael~Henry Reaction. <i>Organic Letters</i> , 2008, 10, 3489-3492.	2.4	112
65	Enantioselective addition of nitromethane to $\alpha$ -keto esters catalyzed by copper( <i>scp</i> )~iminopyridine complexes. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 468-476.	1.5	48
66	A Novel and Efficient Synthesis of 3,3~Benzylidenebis(4-hydroxy-6-methylpyridin-2(1H)-one) Derivatives Through a Multi-Component Reaction Catalyzed by L-Proline. <i>Australian Journal of Chemistry</i> , 2008, 61, 547.	0.5	18
67	Asymmetric nitroaldol reaction with a chiral copper complex derived from <i>D</i> -tartaric acid. <i>Canadian Journal of Chemistry</i> , 2008, 86, 261-263.	0.6	14
68	A catalytic highly enantioselective direct synthesis of 2-bromo-2-nitroalkan-1-ols through a Henry reaction. <i>Chemical Communications</i> , 2008, , 4840.	2.2	52
69	Organocatalytic Asymmetric Tandem Michael~Henry Reactions: A Highly Stereoselective Synthesis of Multifunctionalized Cyclohexanes with Two Quaternary Stereocenters. <i>Organic Letters</i> , 2008, 10, 2437-2440.	2.4	153
70	Stereoselective C9 Arylation and Vinylation of <i>Cinchona</i> Alkaloids. <i>Organic Letters</i> , 2008, 10, 385-388.	2.4	13
71	Catalytic Asymmetric Nitroaldol (Henry) Reaction with a Zinc-Fam Catalyst. <i>Journal of Organic Chemistry</i> , 2008, 73, 7373-7375.	1.7	114
72	Cinchona-Catalyzed Nucleophilic 1,2-Addition to C=C and C=N Bonds. , 0, , 197-247.		2
73	Versatile Supramolecular Copper(II) Complexes for Henry and Aza~Henry Reactions. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 1255-1262.	2.1	84
74	Organocatalytic Asymmetric Synthesis of Protected $\alpha,\beta$ -Diamino Acids. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 2797-2800.	2.1	53
75	Asymmetric Henry reaction catalyzed by bifunctional copper~based catalysts. <i>Chirality</i> , 2009, 21, 619-627.	1.3	26
76	Asymmetric Synthesis of Fluorinated Flavanone Derivatives by an Organocatalytic Tandem Intramolecular Oxa~Michael Addition/Electrophilic Fluorination Reaction by Using Bifunctional Cinchona Alkaloids. <i>Chemistry - A European Journal</i> , 2009, 15, 13299-13303.	1.7	76
77	A General Asymmetric Aldol Reaction of Silyl Ketene Acetals Derived from Simple Esters to Aryl $\alpha$ -Keto Esters. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 6109-6111.	1.2	18
78	New chiral thiols and C2-symmetrical disulfides of Cinchona alkaloids: ligands for the asymmetric Henry reaction catalyzed by Cu(I) complexes. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 1992-1998.	1.8	20
79	Highly enantioselective Henry reaction catalyzed by a new chiral C2-symmetric N,N~bis(isobornyl)ethylenediamine~copper complex. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 1842-1847.	1.8	44
80	Catalytic asymmetric synthesis of cyclic $\alpha$ -alkyl-amino acid derivatives having a tetrasubstituted $\alpha$ -carbon. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 3795-3797.	1.0	15
81	Catalytic enantioselective conjugate additions with $\alpha,\beta$ -unsaturated sulfones. <i>Tetrahedron</i> , 2009, 65, 3139-3148.	1.0	64

#	ARTICLE	IF	CITATIONS
82	Vinylogous nitroaldol (Henry) reaction using 3,5-diethyl-4-nitroisoxazole and carbonyl compounds. <i>Tetrahedron</i> , 2009, 65, 990-997.	1.0	16
83	An efficient organocatalyzed multicomponent synthesis of diarylmethanes via Mannich type Friedelâ€“Crafts reaction. <i>Tetrahedron Letters</i> , 2009, 50, 7024-7027.	0.7	40
84	Solvent-free synthesis of some ethyl arylglyoxylates. <i>Chinese Chemical Letters</i> , 2009, 20, 55-57.	4.8	9
85	Enantioselective Henry (nitroaldol) reaction catalyzed by axially chiral guanidines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 3895-3898.	1.0	69
86	Mixed Laâ€“Li heterobimetallic complexes for tertiary nitroaldol resolution. <i>Tetrahedron</i> , 2009, 65, 5030-5036.	1.0	34
87	Enantioselective Henry reaction catalyzed by C2-symmetric chiral diamineâ€“copper(II) complex. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 3156.	1.5	78
88	Transfer Hydrogenation in Water: Enantioselective, Catalytic Reduction of (<i>E</i>)-Î²,Î²-Disubstituted Nitroalkenes. <i>Organic Letters</i> , 2009, 11, 4196-4198.	2.4	87
89	Enantioselective Organocatalytic <i>anti</i>-Mannich-Type Reaction of <i>N</i>-Unprotected 3-Substituted 2-Oxindoles with Aromatic <i>N</i>-Ts-aldimines. <i>Journal of Organic Chemistry</i> , 2009, 74, 4650-4653.	1.7	111
90	Photophysical Properties of Cinchona Organocatalysts in Organic Solvents. <i>Journal of Physical Chemistry C</i> , 2009, 113, 11790-11795.	1.5	27
91	Asymmetric organocatalysis by chiral Brønsted bases: implications and applications. <i>Chemical Society Reviews</i> , 2009, 38, 632-653.	18.7	378
92	Highly enantioselective synthesis of tertiary alcohols: C2-symmetric N,Nâ€“2-dioxide-Sc(III) complex promoted direct aldol reaction of Î±-ketoesters and diazoacetate esters. <i>Chemical Communications</i> , 2009, , 7297.	2.2	44
93	<i>anti</i>-Selective Catalytic Asymmetric Nitroaldol Reaction via a Heterobimetallic Heterogeneous Catalyst. <i>Journal of the American Chemical Society</i> , 2009, 131, 13860-13869.	6.6	141
94	Î±,Î±-Diarylprolinols: bifunctional organocatalysts for asymmetric synthesis. <i>Chemical Communications</i> , 2009, , 1452.	2.2	145
95	Diastereo- and Enantioselective Direct Henry Reaction of Pyruvates Mediated by Chiral P-Spiro Tetraaminophosphonium Salts. <i>Chemistry Letters</i> , 2009, 38, 1052-1053.	0.7	28
96	Organocatalytic asymmetric Mannich-type reaction of N-sulfonylimines with isocyanoacetate leading to optically active 2-imidazoline-4-carboxylates. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 1715-1721.	1.8	65
97	Oneâ€“Pot Synthesis of 1,4â€“Dihydropyridine and Polyhydroâ€“quinoline Derivatives via <i>L</i>-Proline Catalyzed Hantzsch Multicomponent Reaction under Ultrasound Irradiation. <i>Chinese Journal of Chemistry</i> , 2010, 28, 811-817.	2.6	17
98	Organocatalyzed Highly Enantioselective and <i>anti</i>-Selective Construction of Î³-Butenolides through Vinylogous Mukaiyama Aldol Reaction. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 1291-1295.	2.1	32
101	A Highly <i>syn</i>-Selective Nitroaldol Reaction Catalyzed by Cu<sup>II</sup>-Bisimidazoline. <i>Chemistry - A European Journal</i> , 2010, 16, 6761-6765.	1.7	71

#	ARTICLE	IF	CITATIONS
102	Asymmetric Addition of Indoles to Isatins Catalysed by Bifunctional Modified Cinchona Alkaloid Catalysts. <i>Chemistry - A European Journal</i> , 2010, 16, 7709-7713.	1.7	86
103	A Highly Effective Bis(sulfonamide)-Diamine Ligand: A Unique Chiral Skeleton for the Enantioselective Cu-Catalyzed Henry Reaction. <i>Chemistry - A European Journal</i> , 2010, 16, 8259-8261.	1.7	71
104	Hydrolase-catalyzed fast Henry reaction of nitroalkanes and aldehydes in organic media. <i>Journal of Biotechnology</i> , 2010, 145, 240-243.	1.9	55
105	Catalytic asymmetric synthesis of cyclic $\alpha$ -alkyl-amino acid derivatives by C,N-double alkylation. <i>Tetrahedron</i> , 2010, 66, 4900-4904.	1.0	22
106	Novel chiral C1-1,2,3,4-tetrahydro-1,1-bisquinolines: synthesis, resolution, and applications in catalytic enantioselective reactions. <i>Tetrahedron</i> , 2010, 66, 4195-4205.	1.0	20
107	An oxidative coupling for the synthesis of arylated quaternary stereocentres and its application in the total synthesis of powelline and buphanidrine. <i>Tetrahedron</i> , 2010, 66, 6399-6410.	1.0	20
108	Nitrolaldol reaction of (R)-2,3-cyclohexylidene-glyceraldehyde: a simple and stereoselective synthesis of the cytotoxic Pachastrissamine (Jaspine B). <i>Tetrahedron: Asymmetry</i> , 2010, 21, 1983-1987.	1.8	22
109	Development of P-Spiro Chiral Aminophosphonium Salts as a New Class of Versatile Organic Molecular Catalyst. Yuki Gosei Kagaku Kyokaiishi/ <i>Journal of Synthetic Organic Chemistry</i> , 2010, 68, 1185-1194.	0.0	42
110	Synthesis of Chiral Nonracemic Tertiary $\alpha$ -Thio and $\alpha$ -Sulfonyl Acetic Esters via SN2 Reactions of Tertiary Mesylates. <i>Synlett</i> , 2010, 2010, 470-474.	1.0	6
111	Asymmetric Aza-Mannich Addition of Oxazolones to N-Tosyl Aldimines: Synthesis of Chiral $\alpha$ -Disubstituted $\alpha$ , $\beta$ -Diamino Acids. <i>Organic Letters</i> , 2010, 12, 876-879.	2.4	88
112	Regioselective Synthesis and in Vitro Anticancer Activity of 4-Aza-podophyllotoxin Derivatives Catalyzed by L-Proline. <i>ACS Combinatorial Science</i> , 2010, 12, 430-434.	3.3	62
113	Facile Domino Access to Chiral Bicyclo[3.2.1]octanes and Discovery of a New Catalytic Activation Mode. <i>Organic Letters</i> , 2010, 12, 2682-2685.	2.4	123
114	Efficient in situ three-component formation of chiral oxazoline-Schiff base copper(ii) complexes: towards combinatorial library of chiral catalysts for asymmetric Henry reaction. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 2956.	1.5	45
115	Enantioselective Synthesis of SSR 241586 by Using an Organo-Catalyzed Henry Reaction. <i>Organic Letters</i> , 2010, 12, 3693-3695.	2.4	31
116	Highly Diastereo- and Enantioselective Organocatalytic Michael Addition of $\alpha$ -Ketoamides to Nitroalkenes. <i>Organic Letters</i> , 2010, 12, 5246-5249.	2.4	102
117	Efficient One-Pot Synthesis of Spirooxindole Derivatives Catalyzed by L-Proline in Aqueous Medium. <i>ACS Combinatorial Science</i> , 2010, 12, 231-237.	3.3	259
118	Diastereoselective and enantioselective Mukaiyama aldol reactions of $\alpha$ -ketoesters using hydrogen bond catalysis. <i>Chemical Communications</i> , 2010, 46, 904.	2.2	47
119	Glycine-Catalyzed Efficient Synthesis of Pyranopyrazoles via One-Pot Multicomponent Reaction. <i>Synthetic Communications</i> , 2010, 40, 2930-2934.	1.1	71

#	ARTICLE	IF	CITATIONS
120	Synthesis of chiral tertiary trifluoromethyl alcohols by asymmetric nitroaldol reaction with a Cu(II)-bisoxazolidine catalyst. <i>Chemical Communications</i> , 2010, 46, 8026.	2.2	48
121	Enantioselective Conjugate Addition of Oximes to Trisubstituted $\beta$ -Nitroacrylates: An Organocatalytic Approach to $\beta$ -Amino Acid Derivatives. <i>Organic Letters</i> , 2010, 12, 5636-5639.	2.4	54
123	Enantioselective formal [2+2] cycloaddition of ketenes with nitroso compounds catalyzed by N-heterocyclic carbenes. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 5007.	1.5	62
124	Enzymatic synthesis of optical pure $\beta$ -nitroalcohols by combining d-aminoacylase-catalyzed nitroaldol reaction and immobilized lipase PS-catalyzed kinetic resolution. <i>Green Chemistry</i> , 2011, 13, 2359.	4.6	39
125	Organocatalytic asymmetric Michael-type reaction between $\beta,\beta$ -unsaturated $\alpha$ -keto ester and $\alpha$ -nitro ketone. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 7997.	1.5	49
126	Organocatalytic Asymmetric Conjugate Addition and Cascade Acyl Transfer Reaction of $\alpha$ -Nitroketones. <i>Journal of Organic Chemistry</i> , 2011, 76, 6230-6239.	1.7	58
127	Organocatalytic Asymmetric Aldol Reaction of Hydroxyacetone with $\beta,\beta$ -Unsaturated $\alpha$ -Keto Esters: Facile Access to Chiral Tertiary Alcohols. <i>Organic Letters</i> , 2011, 13, 5248-5251.	2.4	51
128	Organocatalytic asymmetric Henry reaction of isatins: Highly enantioselective synthesis of 3-hydroxy-2-oxindoles. <i>RSC Advances</i> , 2011, 1, 389.	1.7	50
129	Organocatalytic Asymmetric Biomimetic Transamination: From $\alpha$ -Keto Esters to Optically Active $\alpha$ -Amino Acid Derivatives. <i>Journal of the American Chemical Society</i> , 2011, 133, 12914-12917.	6.6	123
130	Asymmetric Synthesis of an Antagonist of Neurokinin Receptors: SSR 241586. <i>Journal of Organic Chemistry</i> , 2011, 76, 2594-2602.	1.7	31
131	Hydroxyl Group Rich C <sub>60</sub> Fullerene: An Excellent Hydrogen Bond Catalyst with Superb Activity, Selectivity, and Stability. <i>ACS Catalysis</i> , 2011, 1, 1158-1161.	5.5	32
133	Highly enantioselective asymmetric Darzens reactions with a phase transfer catalyst. <i>Chemical Science</i> , 2011, 2, 1301.	3.7	77
134	Organocatalytic Sequential Michael Reactions: Stereoselective Synthesis of Multifunctionalized Tetrahydroindan Derivatives. <i>Organic Letters</i> , 2011, 13, 936-939.	2.4	45
135	A New Class of Urea-Substituted Cinchona Alkaloids Promote Highly Enantioselective Nitroaldol reactions of Trifluoromethylketones. <i>Organic Letters</i> , 2011, 13, 1298-1301.	2.4	59
137	The Application of Chiral Schiff Base in Asymmetric Catalysis. <i>Mini-Reviews in Organic Chemistry</i> , 2011, 8, 66-90.	0.6	12
138	Bisquinchona alkaloids as highly efficient bifunctional organocatalysts for the asymmetric conjugate addition of malonates to nitroalkenes at ambient temperature. <i>Tetrahedron</i> , 2011, 67, 10186-10194.	1.0	27
139	Novel Schiff base ligands derived from Cinchona alkaloids for Cu(II)-catalyzed asymmetric Henry reaction. <i>Tetrahedron</i> , 2011, 67, 8552-8558.	1.0	45
140	Isoquinoline-based diimine ligands for Cu(II)-catalyzed enantioselective nitroaldol (Henry) reactions. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 1097-1102.	1.8	13



#	ARTICLE	IF	CITATIONS
141	Enantioselective Henry reaction catalyzed by a copper(II) glucoBOX complex. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 1169-1175.	1.8	30
142	Bisinchona alkaloid catalysed Henry reaction of isatins: Enantioselective synthesis of 3-hydroxy-3-(nitromethyl)indolin-2-ones. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 2099-2103.	1.8	22
143	Catalytic anti-selective asymmetric Henry (nitroaldol) reaction catalyzed by Cu(I)-amine-imine complexes. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 2065-2070.	1.8	18
144	A Highly Diastereo- and Enantioselective Copper(I)-Catalyzed Henry Reaction Using a Bis(sulfonamide)-Diamine Ligand. <i>Journal of Organic Chemistry</i> , 2011, 76, 484-491.	1.7	124
145	Recent applications of Cinchona alkaloids and their derivatives as catalysts in metal-free asymmetric synthesis. <i>Tetrahedron</i> , 2011, 67, 1725-1762.	1.0	185
146	Synthesis of helical poly(phenylacetylene)s bearing cinchona alkaloid pendants and their application to asymmetric organocatalysis. <i>Journal of Polymer Science Part A</i> , 2011, 49, 5192-5198.	2.5	49
147	An efficient one-pot synthesis of pyrazolo[3,4-b]pyridinone derivatives catalyzed by L-proline. <i>Journal of Heterocyclic Chemistry</i> , 2011, 48, 351-354.	1.4	17
148	Diastereoselective and Highly Enantioselective Henry Reactions using C <sub>1</sub> -Symmetrical Copper(II) Complexes. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 1797-1806.	2.1	37
149	Highly Enantioselective Henry Reaction Catalyzed by C <sub>2</sub> -Symmetric Modular BINOL-Oxazoline Schiff Base Copper(II) Complexes Generated in Situ. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 1552-1556.	1.2	29
150	Novel Quinidine-Derived Organocatalysts for the Asymmetric Substitutions of O-Boc-Protected Morita-Baylis-Hillman Adducts. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 4479-4484.	1.2	28
151	Asymmetric Nitroaldol Reactions of Nitroalkanes with Isatins Catalyzed by Bifunctional Cinchona Alkaloid Derivatives. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 5237-5241.	1.2	21
152	Morpholine Catalyzed One-pot Multicomponent Synthesis of Compounds Containing Chromene Core in Water. <i>Chinese Journal of Chemistry</i> , 2011, 29, 1163-1166.	2.6	39
153	Organic Reaction in Water: A Highly Efficient and Environmentally Friendly Synthesis of Spiro Compounds Catalyzed by L-Proline. <i>Helvetica Chimica Acta</i> , 2011, 94, 824-830.	1.0	26
156	The Direct Asymmetric Vinylogous Aldol Reaction of Furanones with $\beta$ -Ketoesters: Access to Chiral $\beta$ -Butenolides and Glycerol Derivatives. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 1861-1864.	7.2	113
157	Asymmetric Synthesis of Chiral 1,3-Diaminopropanols: Bisoxazolidine-Catalyzed C-C Bond Formation with $\beta$ -Keto Amides. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 12249-12252.	7.2	48
158	The Construction of Quaternary Stereocenters by the Henry Reaction: Circumventing the Usual Reactivity of Substituted Glyoxals. <i>Chemistry - A European Journal</i> , 2011, 17, 3768-3773.	1.7	30
159	Highly Enantioselective Henry Reactions in Water Catalyzed by a Copper Tertiary Amine Complex and Applied in the Synthesis of (S)-N-trans-Feruloyl Octopamine. <i>Chemistry - A European Journal</i> , 2011, 17, 1114-1117.	1.7	89
160	Catalytic Enantioselective Henry Reactions of Isatins: Application in the Concise Synthesis of (S)-Spirobrassinin. <i>Chemistry - A European Journal</i> , 2011, 17, 7791-7795.	1.7	99

#	ARTICLE	IF	CITATIONS
161	Direct Enantioselective Amination of $\alpha$ -Ketoesters Catalyzed by an Axially Chiral Guanidine Base. <i>Chemistry - A European Journal</i> , 2011, 17, 9037-9041.	1.7	37
162	Multicomponent synthesis of dihydropyridines catalyzed by l-proline. <i>Chinese Chemical Letters</i> , 2011, 22, 531-534.	4.8	26
163	Chiral enhancement in the confined space of zeolites for the asymmetric synthesis of $\beta$ -hydroxy nitroalkanes. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 117-123.	1.8	12
164	Enantioselective Henry reaction catalyzed by copper(II)-Cinchona alkaloid complexes. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 351-355.	1.8	15
165	Asymmetric Henry reaction catalyzed by a chiral Cu(II) complex: a facile enantioselective synthesis of (S)-2-nitro-1-arylethanol. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 530-535.	1.8	32
166	Asymmetric Mannich reactions catalyzed by cinchona alkaloid thiourea: enantioselective one-pot synthesis of novel $\beta$ -amino ester derivatives. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 518-523.	1.8	37
167	Asymmetric Henry reaction of aldehydes catalyzed by recyclable an MCM-41 supported copper(II) salen complex. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 857-865.	1.8	32
168	Organocatalytic Enantioselective Henry Reactions. <i>Symmetry</i> , 2011, 3, 220-245.	1.1	116
169	6.6 Henry and aza-Henry Reactions. , 2012, , 157-193.		3
170	An Efficient Asymmetric Biomimetic Transamination of $\alpha$ -Keto Esters to Chiral $\beta$ -Amino Esters. <i>Organic Letters</i> , 2012, 14, 5270-5273.	2.4	48
171	4.12 Direct C-C Bond Formation (Henry, aza-Henry). , 2012, , 214-242.		0
172	3.9 Alkaloid Derived Auxiliaries: Cinchona Alkaloids and Derivatives. , 2012, , 223-247.		7
173	Asymmetric Synthesis of Diverse Glycolic Acid Scaffolds via Dynamic Kinetic Resolution of $\alpha$ -Keto Esters. <i>Journal of the American Chemical Society</i> , 2012, 134, 20197-20206.	6.6	72
174	A New Catalyst for the Asymmetric Henry Reaction: Synthesis of $\beta$ -Nitroethanols in High Enantiomeric Excess. <i>Organic Letters</i> , 2012, 14, 6270-6273.	2.4	110
175	Highly diastereoselective and enantioselective Michael addition of 5H-oxazol-4-ones to $\alpha,\beta$ -unsaturated ketones catalyzed by a new bifunctional organocatalyst with broad substrate scope and applicability. <i>Chemical Communications</i> , 2012, 48, 461-463.	2.2	65
176	Investigating the reaction mechanism and organocatalytic synthesis of $\alpha,\beta$ -dihydroxy ketones. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 2621.	1.5	7
177	Asymmetric substitutions of O-Boc-protected Morita-Baylis-Hillman adducts with pyrrole and indole derivatives. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 1396-1405.	1.5	33
178	Three-Component Glycolate Michael Reactions of Enolates, Silyl Glyoxylates, and $\alpha,\beta$ -Enones. <i>Journal of Organic Chemistry</i> , 2012, 77, 3246-3251.	1.7	18

#	ARTICLE	IF	CITATIONS
179	An Efficient Synthesis of Pyrrolo[2,3,4- <i>kl</i> ]acridin-1-one Derivatives Catalyzed by <i>l</i> -Proline. <i>Organic Letters</i> , 2012, 14, 4598-4601.	2.4	90
180	Asymmetric Synthesis of Trifluoromethylated Amines via Catalytic Enantioselective Isomerization of Imines. <i>Journal of the American Chemical Society</i> , 2012, 134, 14334-14337.	6.6	123
181	Copper Complex of Aminoisoborneol Schiff Base Cu <sup>2</sup> (SBAIB $\alpha$ d) 2 : An Efficient Catalyst for Direct Catalytic Asymmetric Nitroaldol (Henry) Reaction. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 2511-2520.	2.1	65
182	A Highly <i>anti</i> - $\alpha$ -Selective Asymmetric Henry Reaction Catalyzed by a Chiral Copper Complex: Applications to the Syntheses of (+)- $\alpha$ - <i>spisulosine</i> and a Pyrroloisquinoline Derivative. <i>Chemistry - A European Journal</i> , 2012, 18, 12357-12362.	1.7	94
183	Organocatalytic conjugate addition of $\beta$ -nitroacetates to $\alpha,\beta$ -unsaturated $\alpha$ -keto esters and subsequent decarboxylation: synthesis of optically active $\beta$ -nitro- $\alpha$ -keto esters. <i>Tetrahedron</i> , 2012, 68, 9397-9404.	1.0	21
184	Catalytic asymmetric nitroaldol (Henry) reactions with copper(II)/cyclopropane-based bisoxazoline complexes. <i>Tetrahedron: Asymmetry</i> , 2012, 23, 965-971.	1.8	14
186	Rapid access of 2,3,4-trisubstituted-2,3,4,9-tetrahydrothiopyrano[2,3- <i>b</i> ]indole derivatives via one-pot three component reaction using organocatalysis. <i>Tetrahedron Letters</i> , 2012, 53, 6087-6090.	0.7	34
187	New approach to the preparation of bicyclo octane derivatives via the enantioselective cascade reaction catalyzed by chiral diamine-Ni(OAc) <sub>2</sub> complex. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 4767.	1.5	26
188	<i>l</i> -Proline catalysed multicomponent synthesis of 3-amino alkylated indoles via a Mannich-type reaction under solvent-free conditions. <i>Green Chemistry</i> , 2012, 14, 290-295.	4.6	140
189	Activation of 1,2- $\alpha$ -Keto Esters with Takemoto's Catalyst toward Michael Addition to Nitroalkenes. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 563-568.	2.1	37
191	Highly Enantioselective Henry Reactions of Aromatic Aldehydes Catalyzed by an Amino Alcohol-Copper(II) Complex. <i>Chemistry - A European Journal</i> , 2012, 18, 10515-10518.	1.7	40
192	Aromatic hydroxyl group as a hydrogen bonding activator in bifunctional asymmetric organocatalysis. <i>RSC Advances</i> , 2012, 2, 737-758.	1.7	72
193	Lewis acid-promoted reaction of $\alpha,\beta$ -unsaturated $\alpha,\beta$ -dimethoxy esters with silyl nucleophiles. <i>Tetrahedron Letters</i> , 2012, 53, 4584-4587.	0.7	4
194	Glycine catalyzed convenient synthesis of 2-amino-4H-chromenes in aqueous medium under sonic condition. <i>Ultrasonics Sonochemistry</i> , 2012, 19, 725-728.	3.8	77
195	Core Structure-Based Design of Organocatalytic [3+2] Cycloaddition Reactions: Highly Efficient and Stereocontrolled Syntheses of 3,3'- $\alpha$ -Pyrrolidonyl Spirooxindoles. <i>Chemistry - A European Journal</i> , 2012, 18, 63-67.	1.7	104
196	An efficient one-pot three-component synthesis of tetrahydrofuro[3,4- <i>bc</i> ]quinoline-1,8(3 <i>H</i> ,4 <i>H</i> )-dione derivatives catalyzed by <i>l</i> -proline. <i>Journal of Heterocyclic Chemistry</i> , 2012, 49, 125-129.	1.4	27
198	1,2-Dicarbonyl Compounds as Pronucleophiles in Organocatalytic Asymmetric Transformations. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 40-42.	7.2	47
199	Rhodium-Catalyzed, Highly Enantioselective 1,2-Addition of Aryl Boronic Acids to $\alpha$ -Ketoesters and $\alpha$ -Diketones Using Simple, Chiral Sulfur-Olefin Ligands. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 780-783.	7.2	120

#	ARTICLE	IF	CITATIONS
200	Catalyst functional group cooperativity in the amino acid-catalysed nitroaldol condensation reaction. <i>Research on Chemical Intermediates</i> , 2013, 39, 3407-3415.	1.3	4
201	Synthesis and application of new iminopyridine ligands to enantioselective copper(II)-catalyzed Henry reaction. <i>Journal of Molecular Catalysis A</i> , 2013, 378, 206-212.	4.8	14
202	Direct asymmetric aldol addition–isomerization of $\alpha,\beta$ -unsaturated $\gamma$ -butyrolactam with aryl $\alpha$ -ketoesters: synthesis of MBH-type products. <i>Chemical Communications</i> , 2013, 49, 3300.	2.2	31
203	Organic Solvent Nanofiltration as a Tool for Separation of Quinine-Based Organocatalysts. <i>Organic Process Research and Development</i> , 2013, 17, 1131-1136.	1.3	25
204	An eco-efficient, domino synthesis of highly functionalized spiro-oxindole derivatives catalyzed by an organocatalyst in an aqueous medium. <i>RSC Advances</i> , 2013, 3, 18775.	1.7	13
205	Stereoselective synthesis of highly functionalized tetrahydrocarbazoles through a domino Michael–Henry reaction: an easy access to four contiguous chiral centers. <i>RSC Advances</i> , 2013, 3, 10644.	1.7	26
208	Efficient and recyclable catalysts based on simple chiral N1-alkyl, N2-arylmethyl diamines in the Cu-catalyzed asymmetric Henry reactions. <i>Journal of Molecular Catalysis A</i> , 2013, 379, 163-168.	4.8	15
209	Catalytic Enantioselective Michael Addition of $\alpha$ -Aryl $\alpha$ -Isocyanoacetates to Vinyl Selenone: Synthesis of $\alpha,\beta$ -Disubstituted $\alpha$ -Amino Acids and (+) and (–) Trigonolimine...A. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 12714-12718.	1.8	11
210	Efficient Tertiary Amine/Weak Acid Bifunctional Mesoporous Silica Catalysts for Michael Addition Reactions. <i>ChemCatChem</i> , 2013, 5, 910-919.	1.8	11
211	Mechanism and Selectivity of Bioinspired Cinchona Alkaloid Derivatives Catalyzed Asymmetric Olefin Isomerization: A Computational Study. <i>Journal of the American Chemical Society</i> , 2013, 135, 7462-7473.	6.6	69
212	Water-Assisted Organocatalysis: An Enantioselective Green Protocol for the Henry Reaction. <i>Australian Journal of Chemistry</i> , 2013, 66, 661.	0.5	11
213	Metal-complexes of optically active amino- and imino-based pyridine ligands in asymmetric catalysis. <i>Coordination Chemistry Reviews</i> , 2013, 257, 1887-1932.	9.5	97
214	Organocatalytic diastereo- and enantioselective sulfa-Michael addition to $\alpha,\beta$ -disubstituted nitroalkenes. <i>Tetrahedron</i> , 2013, 69, 5367-5373.	1.0	18
215	Substituted ( <i>E</i> )-2-Oxo-3-butenates: Reagents for Every Enantioselectively-Catalyzed Reaction. <i>Chemical Reviews</i> , 2013, 113, 5924-5988.	23.0	75
216	On-water organic synthesis: l-proline catalyzed synthesis of pyrimidine-2,4-dione-, benzo[ <i>g</i> ]- and dihydropyrano[2,3- <i>g</i> ]chromene derivatives in aqueous media. <i>Journal of the Iranian Chemical Society</i> , 2013, 10, 307-317.	1.2	14
217	Chiral Sulfinamide–Olefin Ligands: Switchable Selectivity in Rhodium-Catalyzed Asymmetric 1,2-Addition of Arylboronic Acids to Aliphatic $\alpha$ -Ketoesters. <i>Chinese Journal of Chemistry</i> , 2013, 31, 321-328.	2.6	19
219	Cinchona Alkaloid-Catalyzed Stereoselective Carbon-Carbon Bond Forming Reactions. <i>Recent Patents on Catalysis</i> , 2013, 2, 47-67.	0.2	6
220	Asymmetric Michael Addition of $\alpha$ -Oxazolones to Vinyl Sulfones: Stereoselective Synthesis of Monofluorinated Analogs of $\alpha$ -Tertiary Hydroxyl $\beta$ -Methyl $\gamma$ -Substituted Carboxylic Acid Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 3777-3783.	2.1	27

#	ARTICLE	IF	CITATIONS
221	Asymmetric Henry reaction catalysed by L-proline derivatives in the presence of Cu(OAc) <sub>2</sub> : isolation and characterization of an <i>in situ</i> formed Cu(II) complex. Applied Organometallic Chemistry, 2014, 28, 290-297.	1.7	20
222	Asymmetric synthesis of chiral $\beta$ -hydroxy- $\alpha$ -amino acid derivatives by organocatalytic aldol reactions of isocyanooesters with $\beta,\beta$ -unsaturated $\alpha,\beta$ -ketoesters. Tetrahedron: Asymmetry, 2014, 25, 650-657.	1.8	7
223	Organocatalytic Asymmetric Friedel-Crafts Reaction of Sesamol with Isatins: Access to Biologically Relevant 3-Aryl-5-hydroxy-2-oxindoles. Chemistry - an Asian Journal, 2014, 9, 1305-1310.	1.7	27
224	Enantioselective Copper(I/II)-Catalyzed Conjugate Addition of Nitro Esters to $\beta,\beta$ -Unsaturated $\alpha,\beta$ -Ketoesters. Chemistry - A European Journal, 2014, 20, 979-982.	1.7	43
225	Enantioselective Henry and Aza-Henry Reaction in the Synthesis of ( <i>R</i> )-Tembamide Using Efficient, Recyclable Polymeric Cu <sup>II</sup> Complexes as Catalyst. ChemPlusChem, 2014, 79, 1138-1146.	1.3	14
226	Reactions of pyruvates: organocatalytic synthesis of functionalized dihydropyrans in one pot and further transformations to functionalized carbocycles and heterocycles. Chemical Communications, 2014, 50, 14881-14884.	2.2	16
227	C2-symmetric N,N'-bis(terpenyl)ethylenediamines synthesis and application in the enantioselective nitroaldol reaction. RSC Advances, 2014, 4, 14264-14269.	1.7	10
228	A new sustainable protocol for the synthesis of nitroaldol derivatives via Henry reaction under solvent-free conditions. Green Chemistry Letters and Reviews, 2014, 7, 11-17.	2.1	5
229	Synthesis and characterization of chiral recyclable dimeric copper( <i>scp</i> )-salen complexes and their catalytic application in asymmetric nitroaldol (Henry) reaction. Catalysis Science and Technology, 2014, 4, 411-418.	2.1	31
230	2.13 The Henry (Nitroaldol) Reaction. , 2014, , 543-570.		11
231	6.03 Synthesis of Nitroso, Nitro, and Related Compounds. , 2014, , 100-130.		2
232	Enantioselective Addition of Nitromethane to 2-Acylpyridine N-Oxides. Expanding the Generation of Quaternary Stereocenters with the Henry Reaction. Organic Letters, 2014, 16, 1204-1207.	2.4	35
233	Dynamic Kinetic Asymmetric Transformations of $\beta,\beta$ -Stereogenic $\alpha,\beta$ -Ketoesters by Direct Aldolization. Angewandte Chemie - International Edition, 2014, 53, 255-259.	7.2	35
235	Preparation of Poly(ionic liquid)-Supported Recyclable Organocatalysts for the Asymmetric Nitroaldol (Henry) Reaction. Chemistry - A European Journal, 2015, 21, 18957-18960.	1.7	26
236	A Highly Efficient Chirality Switchable Synthesis of Dihydropyran-Fused Benzofurans by Fine-Tuning the Phenolic Proton of $\beta$ -isocupreidine ( $\beta$ -ICD) Catalyst with Methyl. Chemistry - A European Journal, 2015, 21, 10443-10449.	1.7	22
237	Catalytic Asymmetric Michael Reaction of 5-Hydroxyoxazolones with $\beta,\beta$ -Unsaturated Acyl Imidazoles. Chemistry - A European Journal, 2015, 21, 17234-17238.	1.7	24
238	Synthesis and applications in Henry reactions of novel chiral thiazoline tridentate ligands. Applied Organometallic Chemistry, 2015, 29, 661-667.	1.7	6
239	Catalytic Asymmetric Henry Reaction of Nitroalkanes and Aldehydes Catalyzed by a Chiral N,N'-Dioxide/Cu(I) Complex. Journal of Organic Chemistry, 2015, 80, 2272-2280.	1.7	35

#	ARTICLE	IF	CITATIONS
240	Synthesis of novel Schiff base ligands from gluco- and galactochloraloses for the Cu(II) catalyzed asymmetric Henry reaction. <i>Carbohydrate Research</i> , 2015, 407, 97-103.	1.1	11
241	Organocatalyzed asymmetric synthesis and absolute configuration assignment of enantioenriched $\hat{\pm}$ -benzylaminocoumarins. <i>Tetrahedron Letters</i> , 2015, 56, 913-917.	0.7	12
242	Multicomponent Polymerization System Combining Hantzsch Reaction and Reversible Addition- $\hat{\pm}$ Fragmentation Chain Transfer to Efficiently Synthesize Well-Defined Poly(1,4-dihydropyridine)s. <i>ACS Macro Letters</i> , 2015, 4, 128-132.	2.3	50
243	Asymmetric Henry reaction of trifluoromethyl ketone and aldehyde using Cu(II)-complex: computational study offers the origin of enantioselectivity with varied size of catalysts. <i>Tetrahedron</i> , 2015, 71, 5229-5237.	1.0	28
244	Organocatalytic enantioselective aza-Friedel-Crafts reaction of 2-naphthols with benzoxathiazine 2,2-dioxides. <i>RSC Advances</i> , 2015, 5, 60101-60105.	1.7	37
245	Highly enantioselective construction of tertiary thioethers and alcohols via phosphine-catalyzed asymmetric $\hat{\pm}$ -addition reactions of 5H-thiazol-4-ones and 5H-oxazol-4-ones: scope and mechanistic understandings. <i>Chemical Science</i> , 2015, 6, 4912-4922.	3.7	117
246	Cupreine grafted onto silica as an enantioselective and recyclable catalyst for the 1,4-addition of malonate to trans- $\hat{\pm}$ -nitrostyrene. <i>RSC Advances</i> , 2015, 5, 29386-29390.	1.7	5
248	Organocatalytic diastereoselective synthesis of chiral decalines through the domino Claisen-Schmidt/Henry reaction. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 5110-5114.	1.5	10
249	Copper- and Cobalt-Catalyzed Direct Coupling of $\hat{\pm}$ -Carbon of Alcohols with Alkenes and Hydroperoxides. <i>Journal of the American Chemical Society</i> , 2015, 137, 42-45.	6.6	173
250	Chemistry of $\hat{\pm}$ -Oxoesters: A Powerful Tool for the Synthesis of Heterocycles. <i>Chemical Reviews</i> , 2015, 115, 151-264.	23.0	112
251	Diastereoselective Nitroaldol Reaction Catalyzed by Binuclear Copper(II) Complexes in Aqueous Medium. <i>ChemPlusChem</i> , 2015, 80, 209-216.	1.3	12
252	Synthesis of New 1, 10-Phenanthroline Analogs as Potent Antimicrobial Agents Using Montmorillonite $\hat{\pm}$ as Catalyst. <i>Journal of Heterocyclic Chemistry</i> , 2015, 52, 397-402.	1.4	7
253	Cupreines and cupreidines: an established class of bifunctional cinchona organocatalysts. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 429-443.	1.3	23
254	Organocatalytic asymmetric Henry reaction of 1 <i>H</i> -pyrrole-2,3-diones with bifunctional amine-thiourea catalysts bearing multiple hydrogen-bond donors. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 295-300.	1.3	17
255	Synthesis of novel chiral bisoxazoline ligands with a norbornadiene backbone: use in the copper-catalyzed enantioselective Henry reaction. <i>Turkish Journal of Chemistry</i> , 2016, 40, 248-261.	0.5	1
256	Catalyst-controlled switch of regioselectivity in the asymmetric allylic alkylation of oxazolones with MBHCs. <i>Chemical Communications</i> , 2016, 52, 7882-7885.	2.2	27
257	Enantioselective Synthesis of Ring-Fused Spiroannulated 1,2,3-Thiadiazole Derivatives. <i>Journal of Organic Chemistry</i> , 2016, 81, 3553-3559.	1.7	12
258	Copper Complex of Pinene based Schiff base [CuSBADBH] <sub>2</sub> : Synthesis and its Application in Catalytic Asymmetric Nitroaldol (Henry) Reaction. <i>ChemistrySelect</i> , 2016, 1, 2028-2034.	0.7	5

#	ARTICLE	IF	CITATIONS
259	<i>l</i> -Proline catalyzed four-component one-pot synthesis of coumarin-containing dihydropyrano[2,3- <i>c</i> ]pyrazoles under ultrasonic irradiation. <i>Tetrahedron</i> , 2016, 72, 7599-7605.	1.0	22
260	Highly enantioselective asymmetric Henry reaction catalyzed by novel chiral phase transfer catalysts derived from cinchona alkaloids. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 10101-10109.	1.5	12
261	Asymmetric Construction of 2,3-Dihydroisoxazoles via an Organocatalytic Formal [3 + 2] Cycloaddition of Enynes with <i>N</i> -Hydroxylamines. <i>Organic Letters</i> , 2016, 18, 3972-3975.	2.4	24
262	Enantioselective Organocatalyzed Transformations of $\alpha$ -Ketoesters. <i>Chemical Reviews</i> , 2016, 116, 9375-9437.	23.0	105
263	Asymmetric Henry reaction catalyzed by Cu(II)-based chiral amino alcohol complexes with C2-symmetry. <i>Tetrahedron: Asymmetry</i> , 2016, 27, 732-739.	1.8	18
264	Enantio- and Diastereoselective Synthesis of $\alpha$ -Nitroalcohol via Henry Reaction Catalyzed by Cu(II), Ni(II), Zn(II) Complexes of Chiral BINIM Ligands. <i>ChemistrySelect</i> , 2016, 1, 5331-5338.	0.7	12
265	Enantioselective Synthesis of Quaternary $\alpha$ -Amino Acids Enabled by the Versatility of the Phenylselenonyl Group. <i>Chemistry - A European Journal</i> , 2016, 22, 18368-18372.	1.7	19
266	Organocatalytic enantioselective synthesis of C3 functionalized indole derivatives. <i>Tetrahedron</i> , 2016, 72, 8042-8049.	1.0	10
267	Switchable Hydrophilicity Solvents for Product Isolation and Catalyst Recycling in Organocatalysis. <i>ChemSusChem</i> , 2016, 9, 696-702.	3.6	26
268	Binuclear Cu(II) chiral complexes: synthesis, characterization and application in enantioselective nitroaldol (Henry) reaction. <i>Applied Organometallic Chemistry</i> , 2016, 30, 95-101.	1.7	11
269	In Situ Generated Ag <sup>II</sup> -Catalyzed Selective Oxo-Esterification of Alkyne with Alcohol to $\alpha$ -Ketoester: Photophysical Study. <i>Organic Letters</i> , 2016, 18, 144-147.	2.4	16
270	<i>anti</i> -Selective Asymmetric Henry Reaction Catalyzed by a Heterobimetallic Cu-Sm Aminophenol Sulfonamide Complex. <i>Organic Letters</i> , 2016, 18, 1578-1581.	2.4	31
271	Organocatalytic asymmetric conjugate addition of diaryloxazolidin-2,4-diones to nitroolefins: an efficient approach to chiral $\alpha$ -aryl- $\beta$ -hydroxy carboxylic acids. <i>Organic Chemistry Frontiers</i> , 2016, 3, 470-474.	2.3	18
272	Organocatalytic Enantioselective Synthesis of Tetrahydrofluoren-9-ones via Vinylogous Michael Addition/Henry Reaction Cascade of 1,3-Indandione-Derived Pronucleophiles. <i>Organic Letters</i> , 2016, 18, 688-691.	2.4	28
273	Development of a simple system for the oxidation of electron-rich diazo compounds to ketones. <i>Tetrahedron Letters</i> , 2016, 57, 849-851.	0.7	29
274	Equilibrium acidities of cinchona alkaloid organocatalysts bearing 6 $\alpha$ -hydrogen bonding donors in DMSO. <i>Organic Chemistry Frontiers</i> , 2016, 3, 170-176.	2.3	10
275	Lighting up the PEGylation agents via the Hantzsch reaction. <i>Polymer Chemistry</i> , 2016, 7, 523-528.	1.9	13
276	Catalyst-Controlled Switch in Diastereoselectivities: Enantioselective Construction of Functionalized 3,4-Dihydro-2 <i>H</i> -thiopyrano[2,3- <i>b</i> ]quinolines with Three Contiguous Stereocenters. <i>Journal of Organic Chemistry</i> , 2017, 82, 2205-2210.	1.7	22

#	ARTICLE	IF	CITATIONS
277	$\beta$ -Amino Acid $\alpha$ -Carboxyanhydrides Relying on Sequential Enantioselective C(4)-Functionalization of Pyrrolidin-2,3-diones and Regioselective Baeyer-Villiger Oxidation. Chemistry - A European Journal, 2017, 23, 8185-8195.	1.7	25
278	Asymmetric organocatalytic synthesis of tertiary azomethyl alcohols: key intermediates towards azoxy compounds and $\beta$ -hydroxy- $\beta$ -amino esters. Organic and Biomolecular Chemistry, 2017, 15, 2993-3005.	1.5	12
279	Installation of $\beta$ -keto-carboxylate groups to C7-position of indolines via C-H addition and oxidation approach under ruthenium catalysis. Tetrahedron, 2017, 73, 1725-1732.	1.0	16
280	Simple and Effective Catalyst Separation by New CO <sub>2</sub> -Induced Switchable Organocatalysts. ChemSusChem, 2017, 10, 2685-2691.	3.6	7
281	Copper-catalyzed Pummerer type reaction of $\beta$ -thio aryl/heteroarylacetates: Synthesis of aryl/heteroaryl $\beta$ -keto esters. Tetrahedron Letters, 2017, 58, 1765-1769.	0.7	12
282	Dynamic control over catalytic function using responsive bithiourea catalysts. Organic and Biomolecular Chemistry, 2017, 15, 8285-8294.	1.5	21
283	Copper-Catalyzed Enantioselective Henry Reaction of $\beta,\beta$ -Unsaturated $\beta$ -Ketoesters with Nitromethane in Water. Organic Letters, 2017, 19, 6416-6419.	2.4	28
284	Synthesis of Quaternary-Carbon-Containing $\beta$ -Amino Acids by the Rh-Catalyzed Enantioselective Arylation of $\beta$ -Substituted $\beta$ -Nitroacrylates. Chemistry - A European Journal, 2017, 23, 1830-1838.	1.7	27
285	Catalytic enantioselective Henry reaction of $\beta$ -keto esters, 2-acylpyridines and 2-acylpyridine $\alpha$ -oxides. RSC Advances, 2018, 8, 9414-9422.	1.7	8
286	Spectroscopic Study of a <i>Cinchona</i> Alkaloid-Catalyzed Henry Reaction. ACS Omega, 2018, 3, 1871-1880.	1.6	9
287	C6 <sup>2</sup> steric bulk of cinchona alkaloid enables an enantioselective Michael addition/annulation sequence toward pyranopyrazoles. Chemical Communications, 2018, 54, 2028-2031.	2.2	27
288	Construction of 2-Thiabicyclo[3.3.1]nonanes by Organocatalytic Asymmetric Formal [3+3] Cycloaddition. European Journal of Organic Chemistry, 2018, 2018, 1852-1857.	1.2	4
289	Green and Sustainable Solvents in Chemical Processes. Chemical Reviews, 2018, 118, 747-800.	23.0	1,253
290	Asymmetric Henry reaction catalyzed by chiral Cu(II) salalen and salan complexes derived from (S)-Tj-ETQq1. <small>1.2</small> <small>11</small> <small>rgBT/Overlook</small>	1.2	11
291	Organocatalytic Nitroaldol Reaction Associated with Deuterium-Labeling. Advanced Synthesis and Catalysis, 2018, 360, 637-641.	2.1	15
292	Enantiopure <i>cis</i> - and <i>trans</i> -2-(2-Aminocyclohexyl)phenols: Effective Preparation, Solid-State Characterization, and Application in Asymmetric Organocatalysis. European Journal of Organic Chemistry, 2018, 2018, 7017-7032.	1.2	3
293	Synthesis of chiral salalen ligands and their <i>in situ</i> generated Cu-complexes for asymmetric Henry reaction. Chirality, 2018, 30, 1257-1268.	1.3	3
294	Highly stereoselective construction of tetrahydroquinolines via cascade aza-Michael-Michael reaction: Formal [4+2] cycloaddition of $\beta,\beta$ -unsaturated $\beta$ -ketoesters with 2-aminochalcones. Tetrahedron, 2018, 74, 7179-7185.	1.0	9



#	ARTICLE	IF	CITATIONS
295	Bimetallic Oriented (Au/Cu <sub>2</sub> O) vs. Monometallic 1.1.1 Au (0) or 2.0.0 Cu <sub>2</sub> O Graphene-Supported Nanoplatelets as Very Efficient Catalysts for Michael and Henry Additions. European Journal of Organic Chemistry, 2018, 2018, 6185-6190.	1.2	3
296	<i>anti</i> -Selective Catalytic Asymmetric Nitroaldol Reaction of $\alpha$ -Keto Esters: Intriguing Solvent Effect, Flow Reaction, and Synthesis of Active Pharmaceutical Ingredients. Journal of the American Chemical Society, 2018, 140, 12290-12295.	6.6	52
297	Lewis-Base-Catalyzed Domino Reaction of Morita-Baylis-Hillman Carbonates of Isatins with Enolizable Cyclic Carbonyl Compounds: Stereoselective Access to Spirooxindole-Pyrans. Asian Journal of Organic Chemistry, 2018, 7, 1595-1599.	1.3	19
298	A metalloligand appended with benzimidazole rings: tetranuclear [CoZn <sub>3</sub> ] and [CoCd <sub>3</sub> ] complexes and their catalytic applications. New Journal of Chemistry, 2018, 42, 9847-9856.	1.4	18
299	Recent Advances in Organocatalyzed Domino C-C Bond-Forming Reactions. Molecules, 2018, 23, 33.	1.7	30
300	Henry Reaction Revisited. Crucial Role of Water in an Asymmetric Henry Reaction Catalyzed by Chiral NNO-Type Copper(II) Complexes. Inorganic Chemistry, 2019, 58, 11051-11065.	1.9	13
301	Enantioselective $\alpha$ -Alkylation of $\alpha,\beta$ -Unsaturated Aldehydes Using New Cinchona-Based Primary Amine Catalyst. European Journal of Organic Chemistry, 2019, 2019, 6838-6841.	1.2	4
302	Chiral 1,4-aminoalkylphenols for enantioselective diethylzinc addition to aldehydes. Turkish Journal of Chemistry, 2019, 43, 612-623.	0.5	1
303	Chiral iminophosphorane catalyzed asymmetric Henry reaction of $\alpha,\beta$ -alkynyl ketoesters. Chinese Chemical Letters, 2019, 30, 1519-1522.	4.8	8
304	Asymmetric Henry Reaction of 2-Acylpyridine N-Oxides Catalyzed by a Ni-Aminophenol Sulfonamide Complex: An Unexpected Mononuclear Catalyst. Molecules, 2019, 24, 1471.	1.7	1
305	Palladium-catalyzed formal insertion of carbenoids into <i>N</i> , <i>O</i> -aminals: direct access to $\alpha$ -alkoxy- $\beta$ -amino acid esters. Chemical Communications, 2019, 55, 3947-3950.	2.2	24
306	Cinchona Alkaloids' Derivatives and Applications. The Alkaloids Chemistry and Biology, 2019, 82, 29-145.	0.8	28
307	Umpolung Strategy for the Synthesis of Chiral Dispiro[2-amino-4,5-dihydrofuran-3-carbonitrile]bisoxindoles. Journal of Organic Chemistry, 2020, 85, 7793-7802.	1.7	17
308	Catalytic Enantioselective Direct Aldol Addition of Aryl Ketones to $\alpha$ -Fluorinated Ketones. Angewandte Chemie, 2020, 132, 5397-5402.	1.6	12
309	Catalytic Enantioselective Direct Aldol Addition of Aryl Ketones to $\alpha$ -Fluorinated Ketones. Angewandte Chemie - International Edition, 2020, 59, 5359-5364.	7.2	41
312	Base-mediated Benzannulation Reactions for the Synthesis of Densely Functionalized Aryl $\alpha$ -Keto Esters. Asian Journal of Organic Chemistry, 2021, 10, 2161-2164.	1.3	1
313	Brønsted Base Catalysts. Topics in Current Chemistry, 2010, 291, 201-232.	4.0	12
314	Advances in Henry Reaction: A Versatile Method in Organic Synthesis. Mini-Reviews in Organic Chemistry, 2020, 17, 297-308.	0.6	18

#	ARTICLE	IF	CITATIONS
315	Asymmetric Henry Reaction of Nitromethane with Substituted Aldehydes Catalyzed by Novel In Situ		