

Recent Advances in the Catalytic Asymmetric Nitroaldol

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Recoverable PEG-Supported Copper Catalyst for Highly Stereocontrolled Nitroaldol Condensation. <i>Organic Letters</i> , 2007, 9, 2151-2153.	2.4	93
3	How to Make Five Contiguous Stereocenters in One Reaction: Asymmetric Organocatalytic Synthesis of Pentasubstituted Cyclohexanes. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 9202-9205.	7.2	134
5	Density Functional Theory Study of the <i>Cinchona</i> Thiourea-Catalyzed Henry Reaction: Mechanism and Enantioselectivity. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 2537-2548.	2.1	99
6	Development of axially chiral bis(arylthiourea)-based organocatalysts and their application in the enantioselective Henry reaction. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 2773-2781.	1.8	51
7	Enantioselective Henry reaction catalyzed by a C ₂ -symmetric bis(oxazoline)-Cu(OAc) ₂ ·H ₂ O complex. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 3932.	1.5	79
8	Practical Asymmetric Henry Reaction Catalyzed by a Chiral Diamine-Cu(OAc) ₂ Complex. <i>Organic Letters</i> , 2007, 9, 3595-3597.	2.4	182
9	Development of new chiral phosphine-salen type ligands and their application in the Cu(I)-catalyzed enantioselective Henry reaction. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 1376-1382.	1.8	64
10	Asymmetric nitroaldol reaction catalyzed by a chromium(III)-salen system. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 2581-2586.	1.8	81
11	2-Quinolinecarboxaldehyde: an unusual partner in the Henry reaction and subsequent elimination. <i>Tetrahedron Letters</i> , 2008, 49, 5511-5514.	0.7	12
12	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
13	New Highly Asymmetric Henry Reaction Catalyzed by Cu ^{II} and a C ₁ -Symmetric Aminopyridine Ligand, and Its Application to the Synthesis of Miconazole. <i>Chemistry - A European Journal</i> , 2008, 14, 4725-4730.	1.7	177
14	A Secondary Amine Amide Organocatalyst for the Asymmetric Nitroaldol Reaction of Ketophosphonates. <i>Chemistry - A European Journal</i> , 2008, 14, 10896-10899.	1.7	55
15	One-Pot Synthesis of Trisubstituted 1,2-Amino Alcohols from Deprotonated α -Amino Nitriles. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 2740-2745.	1.2	8
16	Asymmetric Henry Reactions Catalyzed by Metal Complexes of Chiral Boron-Bridged Bisoxazoline (borabox) Ligands. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 4591-4597.	1.2	40
17	A Heterobimetallic Pd/La/Schiff Base Complex for <i>anti</i> -Selective Catalytic Asymmetric Nitroaldol Reactions and Applications to Short Syntheses of β -Adrenoceptor Agonists. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 3230-3233.	7.2	186
19	Chiral binuclear copper(II) catalyzed nitroaldol reaction: scope and mechanism. <i>Tetrahedron</i> , 2008, 64, 11724-11731.	1.0	37
20	Enantioselective nitroaldol (Henry) reaction catalyzed by chiral Schiff-base ligands. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 635-639.	1.8	30
21	Asymmetric Henry reaction catalyzed by a copper tridentate chiral schiff-base complex. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 1813-1819.	1.8	70

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22	Asymmetric Henry reaction catalyzed by chiral secondary diamine-copper(II) complexes. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 2310-2315.	1.8	65
23	A catalytic asymmetric anti-selective nitroaldol reaction with a neodymium-sodium heterobimetallic complex. <i>Tetrahedron Letters</i> , 2008, 49, 272-276.	0.7	88
24	Asymmetric organocatalytic nitroaldol reaction of α -ketoesters: stereoselective construction of chiral tertiary alcohols at subzero temperature. <i>Tetrahedron Letters</i> , 2008, 49, 1623-1626.	0.7	70
25	Enantioselective Henry reaction catalyzed by triethylamine-Cu(OAc) ₂ complex under solvent-free conditions. <i>Tetrahedron Letters</i> , 2008, 49, 2533-2536.	0.7	45
26	Asymmetric <i>Syn</i> -Selective Henry Reaction Catalyzed by the Sulfonyldiamine-CuCl ₂ -Pyridine System. <i>Journal of Organic Chemistry</i> , 2008, 73, 4903-4906.	1.7	119
27	Self-Assembled Dinuclear Cobalt(II)-Salen Catalyst Through Hydrogen-Bonding and Its Application to Enantioselective Nitro-Aldol (Henry) Reaction. <i>Journal of the American Chemical Society</i> , 2008, 130, 16484-16485.	6.6	175
28	Enantioselective organocatalyzed Henry reaction with fluoromethyl ketones. <i>Chemical Communications</i> , 2008, , 4360.	2.2	107
29	Stereodivergent Catalytic Doubly Diastereoselective Nitroaldol Reactions Using Heterobimetallic Complexes. <i>Organic Letters</i> , 2008, 10, 2231-2234.	2.4	71
30	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
31	Enantioselective addition of nitromethane to α -keto esters catalyzed by copper-iminopyridine complexes. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 468-476.	1.5	48
32	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
33	Stereoselective NaN ₃ -catalyzed halonitroaldol-type reaction of azetidine-2,3-diones in aqueous media. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 1635.	1.5	28
34	Asymmetric Nitroaldol Reaction Catalyzed by a C ₂ -Symmetric Bisoxazolidine Ligand. <i>Organic Letters</i> , 2008, 10, 1831-1834.	2.4	121
35	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
36	Catalytic Asymmetric Nitroaldol (Henry) Reaction with a Zinc-Fam Catalyst. <i>Journal of Organic Chemistry</i> , 2008, 73, 7373-7375.	1.7	114
37	Catalytic Asymmetric Synthesis of (-)-Ritodrine Hydrochloride via Silyl Enol Ether Amination Using Dirhodium(II) Tetrakis[tetrafluorophthaloyl-(S)-tert-leucinate]. <i>Heterocycles</i> , 2008, 76, 1633.	0.4	7
38	Versatile Supramolecular Copper(II) Complexes for Henry and Aza-Henry Reactions. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 1255-1262.	2.1	84
39	New adaptive chiral thiophene ligands for copper-catalyzed asymmetric Henry reaction. <i>Chirality</i> , 2009, 21, 239-244.	1.3	16

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40	Asymmetric Henry reaction catalyzed by bifunctional copper-based catalysts. <i>Chirality</i> , 2009, 21, 619-627.	1.3	26
41	Lanthanide (III) salt complexes: Arrayed acid-base networks for enantioselective catalysis. The nitroaldol reaction upon aldehydes and trifluoromethylketones. <i>Chirality</i> , 2009, 21, 836-842.	1.3	25
42	Chiral 2-endo-5-substituted 9-oxabispindines: Novel Ligands for Enantioselective Copper(II)-Catalyzed Henry Reactions. <i>Chemistry - A European Journal</i> , 2009, 15, 12764-12769.	1.7	57
43	Synthesis, Structure and Catalysis of Tetranuclear Copper(II) Open Cubane for Henry Reaction on Water. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 2508-2511.	1.0	32
44	DFT study of the asymmetric nitroaldol (Henry) reaction catalyzed by a dinuclear Zn complex. <i>Journal of Computational Chemistry</i> , 2010, 31, 1376-1384.	1.5	17
45	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
46	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
47	Asymmetric Henry reaction catalyzed by oxazolonyl Cu(II) complexes. <i>Research on Chemical Intermediates</i> , 2009, 35, 123-136.	1.3	5
48	Vinylogous nitroaldol (Henry) reaction using 3,5-diethyl-4-nitroisoxazole and carbonyl compounds. <i>Tetrahedron</i> , 2009, 65, 990-997.	1.0	16
49	Highly enantioselective Henry reaction catalyzed by chiral tridentate heteroorganic ligands. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 1547-1549.	1.8	34
50	Asymmetric nitroaldol reaction catalyzed by copper-diamine complexes: selective construction of two contiguous stereogenic centers. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 2467-2473.	1.8	36
51	Probing electronic and regioisomeric control in an asymmetric Henry reaction catalyzed by camphor-imidazoline ligands. <i>Tetrahedron Letters</i> , 2009, 50, 3042-3045.	0.7	21
52	Enantioselective Henry (nitroaldol) reaction catalyzed by axially chiral guanidines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 3895-3898.	1.0	69
53	Mixed La-Li heterobimetallic complexes for tertiary nitroaldol resolution. <i>Tetrahedron</i> , 2009, 65, 5030-5036.	1.0	34
54	In search of enantioselective catalysts for the Henry reaction: are two metal centres better than one?. <i>New Journal of Chemistry</i> , 2009, 33, 1064.	1.4	58
55	Synthesis, Structure, and Application of Self-Assembled Copper(II) Aqua Complex by H-Bonding for Acceleration of the Nitroaldol Reaction on Water. <i>Chemistry - an Asian Journal</i> , 2009, 4, 314-320.	1.7	45
56	Chiral Guanidine Catalyzed Enantioselective Reactions. <i>Chemistry - an Asian Journal</i> , 2009, 4, 488-507.	1.7	268
57	Enantioselective Nitroaldol Reaction Catalyzed by Sterically Modified Salen-Chromium Complexes. <i>Journal of Organic Chemistry</i> , 2009, 74, 753-756.	1.7	94

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58	Asymmetric Copper(I)-Catalyzed Henry Reaction with an Aminoindanol-Derived Bisoxazolidine Ligand. <i>Organic Letters</i> , 2009, 11, 4724-4727.	2.4	117
59	Brucine-Derived Amino Alcohol Catalyzed Asymmetric Henry Reaction: An Orthogonal Enantioselectivity Approach. <i>Organic Letters</i> , 2009, 11, 5682-5685.	2.4	99
60	Asymmetric organocatalysis by chiral Brønsted bases: implications and applications. <i>Chemical Society Reviews</i> , 2009, 38, 632-653.	18.7	378
61	New Chiral Thiophene-Salen Chromium Complexes for the Asymmetric Henry Reaction. <i>Journal of Organic Chemistry</i> , 2009, 74, 2242-2245.	1.7	88
63	Highly enantioselective organocatalytic Michael addition of nitroalkanes to 4-oxo-enoates. <i>Chemical Communications</i> , 2009, , 4251.	2.2	64
64	<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
65	Enantioselective catalysts for the Henry reaction: fine-tuning the catalytic components. <i>New Journal of Chemistry</i> , 2009, 33, 2166.	1.4	40
66	\hat{L}_{\pm} -Diarylprolinols: bifunctional organocatalysts for asymmetric synthesis. <i>Chemical Communications</i> , 2009, , 1452.	2.2	145
67	Enantioselective Aldehyde \hat{L}_{\pm} -Nitroalkylation via Oxidative Organocatalysis. <i>Journal of the American Chemical Society</i> , 2009, 131, 11332-11334.	6.6	117
68	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
69	Synthesis of new planar chiral [2.2]paracyclophane Schiff base ligands and their application in the asymmetric Henry reaction. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 333-338.	1.8	48
70	Chiral Cu(II) Complexes as Recyclable Catalysts for Asymmetric Nitroaldol (Henry) Reaction in Ionic Liquids as Greener Reaction Media. <i>Catalysis Letters</i> , 2010, 140, 189-196.	1.4	27
71	Enzyme-catalyzed Henry (nitroaldol) reaction. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2010, 63, 62-67.	1.8	62
72	A Highly Diastereoselective Tertiary Amine-Catalyzed Cascade Michael-Michael-Henry Reaction between Nitromethane, Activated Alkenes and \hat{L}_{\pm} -Unsaturated Carbonyl Compounds. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 97-102.	2.1	23
73	A Highly <i>syn</i> -Selective Nitroaldol Reaction Catalyzed by Cu ^{II} -Bisimidazoline. <i>Chemistry - A European Journal</i> , 2010, 16, 6761-6765.	1.7	71
74	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
75	Organocatalytic Asymmetric Cyanosilylation of Nitroalkenes. <i>Chemistry - A European Journal</i> , 2010, 16, 7714-7718.	1.7	97
76	Catalytic Asymmetric Direct Henry Reaction of Ynals: Short Syntheses of (2 <i>S</i> ,3 <i>R</i>)- \hat{L}_{\pm} -Xestoinol...C and (\hat{A})-Codonopsinines. <i>Angewandte Chemie</i> , 2010, 122, 7724-7727.	1.6	33

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77	Catalytic Asymmetric Direct Henry Reaction of Ynals: Short Syntheses of (2 <i>S</i> ,3 <i>R</i>)-Xestoaminol and (±)-Codonopsinines. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 7562-7565.	7.2	110
78	Hydrolase-catalyzed fast Henry reaction of nitroalkanes and aldehydes in organic media. <i>Journal of Biotechnology</i> , 2010, 145, 240-243.	1.9	55
79	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
80	Cyclen-catalyzed Henry reaction under neutral conditions. <i>Tetrahedron Letters</i> , 2010, 51, 4555-4557.	0.7	15
81	Enantioselective Henry reactions catalyzed by chiral N-metal complexes containing R(+)/S(±)-ethylphenyl amines. <i>Tetrahedron Letters</i> , 2010, 51, 5577-5580.	0.7	16
82	Umpolung reactivity in amide and peptide synthesis. <i>Nature</i> , 2010, 465, 1027-1032.	13.7	271
83	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
84	Organocatalytic asymmetric assembly reactions for the syntheses of carbohydrate derivatives by intermolecular Michael-Henry reactions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 20672-20677.	3.3	79
85	Enantioselective Henry Reaction Catalyzed by Cu ^{II} Salt and Bipiperidine. <i>Journal of Organic Chemistry</i> , 2010, 75, 1313-1316.	1.7	121
86	Development of Bifunctional Aza-Bis(oxazoline) Copper Catalysts for Enantioselective Henry Reaction. <i>Journal of Organic Chemistry</i> , 2010, 75, 6424-6435.	1.7	77
87	Formation of multi-stereogenic centers using a catalytic diastereoselective Henry reaction. <i>Chemical Communications</i> , 2010, 46, 7936.	2.2	29
88	Catalytic Carbon-Carbon Bond-Forming Reactions of Aminoalkane Derivatives with Imines. <i>Journal of the American Chemical Society</i> , 2010, 132, 3244-3245.	6.6	49
89	Chiral BINOL-derived phosphoric acids: privileged Brønsted acid organocatalysts for C=C bond formation reactions. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 5262-76.	1.5	322
90	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
91	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
92	Helical Chiral 2-Aminopyridinium Ions: A New Class of Hydrogen Bond Donor Catalysts. <i>Journal of the American Chemical Society</i> , 2010, 132, 4536-4537.	6.6	184
93	Synthesis of Amino-Functionalized Sulfonimidamides and Their Application in the Enantioselective Henry Reaction. <i>Journal of Organic Chemistry</i> , 2010, 75, 3301-3310.	1.7	106
94	Stereoselective synthesis of ring C-hexasubstituted trianglamines. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 3992.	1.5	17

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95	Synthesis of chiral tertiary trifluoromethyl alcohols by asymmetric nitroaldol reaction with a Cu(II)-bisoxazolidine cataly. <i>Chemical Communications</i> , 2010, 46, 8026.	2.2	48
96	Enantioselective Henry Addition of Methyl 4-Nitrobutyrate to Aldehydes. <i>Chiral Building Blocks for 2-Pyrrolidinones and Other Derivatives. Organic Letters</i> , 2010, 12, 3058-3061.	2.4	63
97	Asymmetric catalysis with chiral oxazolidine ligands. <i>Chemical Communications</i> , 2011, 47, 3339.	2.2	80
98	Enzymatic synthesis of optical pure \hat{I}^2 -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
99	In Situ Evaluation of Kinetic Resolution Catalysts for Nitroaldol by Rationally Designed Fluorescence Probe. <i>Journal of Organic Chemistry</i> , 2011, 76, 3616-3625.	1.7	18
100	Highly Enantioselective and Regioselective Substitution of Morita's "Baylis-Hillman Carbonates with Nitroalkanes. <i>Organic Letters</i> , 2011, 13, 6070-6073.	2.4	42
101	Cu(II)-Macrocyclic [H ₄]Salen Catalyzed Asymmetric Nitroaldol Reaction and Its Application in the Synthesis of $\hat{I}^{\pm 1}$ -Adrenergic Receptor Agonist (<i>R</i>)-Phenylephrine. <i>ACS Catalysis</i> , 2011, 1, 1529-1535.	5.5	67
102	Organocatalytic asymmetric Henry reaction of isatins: Highly enantioselective synthesis of 3-hydroxy-2-oxindoles. <i>RSC Advances</i> , 2011, 1, 389.	1.7	50
103	Asymmetric Synthesis of an Antagonist of Neurokinin Receptors: SSR 241586. <i>Journal of Organic Chemistry</i> , 2011, 76, 2594-2602.	1.7	31
104	Hydroxyl Group Rich C ₆₀ Fullerenol: An Excellent Hydrogen Bond Catalyst with Superb Activity, Selectivity, and Stability. <i>ACS Catalysis</i> , 2011, 1, 1158-1161.	5.5	32
105	Copper(II)-Catalyzed Asymmetric Henry Reaction of <i>o</i> -Alkynylbenzaldehydes Followed by Gold(I)-Mediated Cycloisomerization: An Enantioselective Route to Chiral 1 <i>H</i> -Isochromenes and 1,3-Dihydroisobenzofurans. <i>Journal of Organic Chemistry</i> , 2011, 76, 8869-8878.	1.7	41
106	Protein-Mediated Nitroaldol Addition in Aqueous Media. Catalytic Promiscuity or Unspecific Catalysis?. <i>Organic Process Research and Development</i> , 2011, 15, 236-240.	1.3	52
107	Organocatalytic Sequential Michael Reactions: Stereoselective Synthesis of Multifunctionalized Tetrahydroindan Derivatives. <i>Organic Letters</i> , 2011, 13, 936-939.	2.4	45
108	Multimetallic Multifunctional Catalysts for Asymmetric Reactions. <i>Topics in Organometallic Chemistry</i> , 2011, , 1-30.	0.7	40
109	Pyrrole Macrocyclic Ligands for Cu-Catalyzed Asymmetric Henry Reactions. <i>Journal of Organic Chemistry</i> , 2011, 76, 3399-3408.	1.7	46
110	The Literature of Heterocyclic Chemistry, Part X, 2005-2007. <i>Advances in Heterocyclic Chemistry</i> , 2011, , 1-137.	0.9	19
113	Development of Atom-Economical Catalytic Asymmetric Reactions under Proton Transfer Conditions: Construction of Tetrasubstituted Stereogenic Centers and Their Application to Therapeutics. <i>Chemical and Pharmaceutical Bulletin</i> , 2011, 59, 1-22.	0.6	24
114	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

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115	Isoquinoline-based diimine ligands for Cu(II)-catalyzed enantioselective nitroaldol (Henry) reactions. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 1097-1102.	1.8	13
116	Enantioselective Henry reaction catalyzed by a copper(II) glucoBOX complex. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 1169-1175.	1.8	30
117	Asymmetric Henry reaction catalyzed by a Zn ^{II} -amino alcohol system. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 1156-1160.	1.8	29
118	Application of novel enantiopure hydroxymethyl-substituted pyridine derivatives in asymmetric catalysis. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 1644-1652.	1.8	10
119	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
120	Synthesis, crystal structure, and catalytic studies on dinuclear copper(II) mesocates. <i>Inorganica Chimica Acta</i> , 2011, 375, 106-113.	1.2	8
121	Quantification of the Electrophilic Reactivities of Aldehydes, Imines, and Enones. <i>Journal of the American Chemical Society</i> , 2011, 133, 8240-8251.	6.6	107
123	When is an imine not an imine? Unusual reactivity of a series of Cu(II) imine-pyridine complexes and their exploitation for the Henry reaction. <i>Dalton Transactions</i> , 2011, 40, 3677.	1.6	34
124	Synthesis of C ₁ -Symmetric Chiral Secondary Diamines and Their Applications in the Asymmetric Copper(II)-Catalyzed Henry (Nitroaldol) Reactions. <i>Journal of Organic Chemistry</i> , 2011, 76, 588-600.	1.7	124
125	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
126	Synthesis and Characterization of Silica-Polymer Nanocomposites Functionalized with Piperazine for the Synthesis of ¹² Nitro Alcohols. <i>Catalysis Letters</i> , 2011, 141, 1548-1556.	1.4	12
127	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
128	1,1'-Methylene-bis(1,2,3,4'-octahydroisoquinoline): synthesis, reaction, resolution, and application in catalytic enantioselective transformations. <i>Tetrahedron</i> , 2011, 67, 4086-4092.	1.0	19
129	Chiral 1,1'-binaphthylazepine derived amino alcohol catalyzed asymmetric Henry reaction. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 238-245.	1.8	37
130	Phenalenyl-based ligand for transition metal chemistry: Application in Henry reaction. <i>Journal of Chemical Sciences</i> , 2011, 123, 139-144.	0.7	10
131	Charge-Transfer Interactions: An Efficient Tool for Recycling Bis(oxazoline)-Copper Complexes in Asymmetric Henry Reactions. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 1087-1095.	2.1	28
132	Use of Protease from <i>Bacillus licheniformis</i> as Promiscuous Catalyst for Organic Synthesis: Applications in C-C and C-N Bond Formation Reactions. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 2345-2353.	2.1	50
133	Highly Enantioselective Henry Reaction Catalyzed by C ₂ -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

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134	Efficient Asymmetric Copper(I)-Catalyzed Henry Reaction Using Chiral N-Alkyl-C1-tetrahydro-1,1â€²-bisisoquinolines. <i>European Journal of Organic Chemistry</i> , 2011, 2011, n/a-n/a.	1.2	6
135	Heterogeneous Bisoxazoline/Copper Complex: A Green Catalyst for the Enantioselective Reaction of Nitromethane with Substituted Benzaldehydes. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 5551-5554.	1.2	23
136	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
137	Asymmetric Copper(II)-Catalyzed Nitroaldol (Henry) Reactions Utilizing a Chiral C ₁ -Symmetric Dinitrogen Ligand. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 6092-6099.	1.2	38
139	Recent Advances in Direct Catalytic Asymmetric Transformations under Protonâ€¢Transfer Conditions. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 4760-4772.	7.2	165
140	Henry reaction catalyzed by copper(I) complexes of a new pyridineâ€¢containing macrocyclic ligand. <i>Applied Organometallic Chemistry</i> , 2011, 25, 824-829.	1.7	21
141	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
142	Highly Enantioselective Henry Reactions in Water Catalyzed by a Copper Tertiary Amine Complex and Applied in the Synthesis of (S)-Nâ€¢trans-Feruloyl Octopamine. <i>Chemistry - A European Journal</i> , 2011, 17, 1114-1117.	1.7	89
143	Squaramides: Bridging from Molecular Recognition to Bifunctional Organocatalysis. <i>Chemistry - A European Journal</i> , 2011, 17, 6890-6899.	1.7	641
144	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
145	Synthesis of Chiral 1,3â€¢Diamines Derived from cis-2-Benzamidocyclohexanecarboxylic Acid and Their Application in the Cu-Catalyzed Enantioselective Henry Reaction. <i>Chemistry - A European Journal</i> , 2011, 17, 13584-13592.	1.7	54
146	Solventâ€¢free synthesis of chiral Schiffâ€¢base ligands based on ferrocene under microwave irradiation and application to enantioselective nitroaldol (Henry) reaction. <i>Chirality</i> , 2011, 23, 374-378.	1.3	6
147	Nanocrystalline MgO catalysts for the Henry reaction of benzaldehyde and nitromethane. <i>Journal of Molecular Catalysis A</i> , 2011, 341, 22-27.	4.8	9
148	Synthesis of (R)-Î²-nitro alcohols catalyzed by R-selective hydroxynitrile lyase from <i>Arabidopsis thaliana</i> in the aqueousâ€¢organic biphasic system. <i>Journal of Biotechnology</i> , 2011, 153, 153-159.	1.9	54
149	New 2-azanorbonyl derivatives: chiral (N,N)-donating ligands for asymmetric catalysis. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 161-166.	1.8	7
150	Chiral enhancement in the confined space of zeolites for the asymmetric synthesis of Î²-hydroxy nitroalkanes. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 117-123.	1.8	12
151	Enantioselective Henry reaction catalyzed by copper(II)-Cinchona alkaloid complexes. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 351-355.	1.8	15
152	Asymmetric Henry reaction catalyzed by a chiral Cu(II) complex: a facile enantioselective synthesis of (S)-2-nitro-1-arylethanols. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 530-535.	1.8	32

#	ARTICLE	IF	CITATIONS
153	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
154	Enantioselective nitroaldol reaction catalyzed by chiral C1-tetrahydro-1,10-bisquinoline copper(I) complexes. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 929-935.	1.8	17
155	The first example of trimethylsilyl methylenenitronate reacting with aldehydes under an apparent Mukaiyama nitro-aldol reaction. <i>Tetrahedron Letters</i> , 2011, 52, 891-893.	0.7	9
156	Organocatalytic Enantioselective Henry Reactions. <i>Symmetry</i> , 2011, 3, 220-245.	1.1	116
157	6.6 Henry and aza-Henry Reactions. , 2012, , 157-193.		3
158	4.12 Direct C-C Bond Formation (Henry, aza-Henry). , 2012, , 214-242.		0
159	Design of chiral sulfoxide-Schiff base hybrids and their application in Cu-catalyzed asymmetric Henry reactions. <i>Chemical Communications</i> , 2012, 48, 5596.	2.2	47
162	Bis(oxazoline)-Based Coordination Polymers: A Recoverable System for Enantioselective Henry Reactions. <i>Journal of Organic Chemistry</i> , 2012, 77, 5525-5532.	1.7	33
163	Synthesis of planar chiral [2.2]paracyclophane Schiff bases for the enantioselective Henry reaction. <i>Tetrahedron: Asymmetry</i> , 2012, 23, 809-817.	1.8	21
164	Design of zeolite catalysts for nitroaldol reaction under mild condition. <i>Applied Catalysis A: General</i> , 2012, 433-434, 122-127.	2.2	15
165	Recyclable Cu(II)-macrocyclic salen complexes catalyzed nitroaldol reaction of aldehydes: A practical strategy in the preparation of (R)-phenylephrine. <i>Applied Catalysis A: General</i> , 2012, 439-440, 74-79.	2.2	27
166	Intermediate as Catalyst: Catalytic Asymmetric Conjugate Addition of Nitroalkanes to α,β -Unsaturated Thioamides. <i>Organic Letters</i> , 2012, 14, 110-113.	2.4	35
167	Copper Complex of Aminoisoborneol Schiff Base Cu 2 (SBAIB α -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
168	A Highly <i>anti</i> -selective Asymmetric Henry Reaction Catalyzed by a Chiral Copper Complex: Applications to the Syntheses of (+)- ϵ -Spisulosine and a Pyrroloisoquinoline Derivative. <i>Chemistry - A European Journal</i> , 2012, 18, 12357-12362.	1.7	94
170	Promotion of Henry reactions using Cu(OTf) ₂ and a sterically hindered Schiff base: access to enantioenriched β^2 -hydroxynitroalkanes. <i>Tetrahedron</i> , 2012, 68, 9119-9124.	1.0	45
171	Camphor-annelated imidazolines with various N1 and C2 pendants as tunable ligands for nitroaldol reactions. <i>Tetrahedron: Asymmetry</i> , 2012, 23, 1010-1018.	1.8	11
172	Recent Developments in Enantioselective Metal-Catalyzed Domino Reactions. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 3347-3403.	2.1	176
173	Molecular Design of Organic Superbases, Azacalix[3](2,6)pyridines: Catalysts for 1,2- and 1,4-Additions. <i>Journal of Organic Chemistry</i> , 2012, 77, 10631-10637.	1.7	22

#	ARTICLE	IF	CITATIONS
174	Diastereoselective Reductive Nitro-Mannich Reactions. <i>Journal of Organic Chemistry</i> , 2012, 77, 4711-4724.	1.7	20
175	Dynamic asymmetric organocatalysis: cooperative effects of weak interactions and conformational flexibility in asymmetric organocatalysts. <i>Chemical Communications</i> , 2012, 48, 7777.	2.2	79
176	Biocatalytic Approaches to the Henry (Nitroaldol) Reaction. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 3059-3067.	1.2	100
177	Cooperative Asymmetric Catalysis Using Thioamides toward Truly Practical Organic Syntheses. <i>Israel Journal of Chemistry</i> , 2012, 52, 604-612.	1.0	19
181	Rationally Designed Amide Donors for Organocatalytic Asymmetric Michael Reactions. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5381-5385.	7.2	56
182	A Chiral Cu ^{II} -Salan Catalyst with a Rotatable Aromatic "Wall": Molecular Recognition-Oriented Asymmetric Henry Transformation of Aromatic Aldehydes. <i>Chemistry - an Asian Journal</i> , 2012, 7, 2008-2013.	1.7	28
183	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
184	Domino reactions for the synthesis of various β -substituted nitro alkenes. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 524-528.	1.5	22
185	Aromatic hydroxyl group as a hydrogen bonding activator in bifunctional asymmetric organocatalysis. <i>RSC Advances</i> , 2012, 2, 737-758.	1.7	72
186	Recyclable copper catalysts based on ionic-tagged C ₂ -symmetric Indabox ligands and their application in asymmetric Henry reactions. <i>Applied Catalysis A: General</i> , 2012, 425-426, 28-34.	2.2	15
187	Studies on the Michael addition of naphthoquinones to sugar nitro olefins: first synthesis of polyhydroxylated hexahydro-11H-benzo[a]carbazole-5,6-diones and hexahydro-11bH-benzo[b]carbazole-6,11-diones. <i>Tetrahedron</i> , 2012, 68, 1612-1621.	1.0	15
188	A highly chemo- and enantioselective nitroaldol reaction of haloenals: preparation of chiral functionalized allylic alcohols. <i>Tetrahedron: Asymmetry</i> , 2012, 23, 124-129.	1.8	17
189	Toward reactant encapsulation for substrate-selectivity. <i>Tetrahedron Letters</i> , 2012, 53, 462-466.	0.7	5
190	Henry reaction of fluorinated nitro compounds. <i>Journal of Fluorine Chemistry</i> , 2012, 133, 108-114.	0.9	16
191	Recent Developments in Asymmetric Organocatalytic Domino Reactions. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 237-294.	2.1	540
192	Urea/Transition-Metal Cooperative Catalyst for <i>anti</i> -Selective Asymmetric Nitroaldol Reactions. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1620-1624.	7.2	108
193	Catalytic Asymmetric <i>anti</i> -Selective Nitroaldol Reaction En Route to Zanamivir. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1644-1647.	7.2	54
194	Resolution of 2-nitroalcohols by Burkholderia cepacia lipase-catalyzed enantioselective acylation. <i>Biotechnology Letters</i> , 2012, 34, 153-158.	1.1	11

#	ARTICLE	IF	CITATIONS
195	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
196	2-Dihydromethylpiperazinediium-M ^{II} (M ^{II} = Cu ^{II} , Fe ^{II} ,) Tj ETQq1 1 0.784314 rgBT /Ov nitroaldol (Henry) reaction. <i>Dalton Transactions</i> , 2013, 42, 399-406.	1.6	46
197	Chiral oxazoline ligands containing a 1,2,4-triazine ring and their application in the Cu-catalyzed asymmetric Henry reaction. <i>Tetrahedron</i> , 2013, 69, 7269-7278.	1.0	45
198	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	Synthesis of C 1-symmetric primary-secondary diamines and their application in the enantioselective Henry reaction. <i>Frontiers of Chemical Science and Engineering</i> , 2013, 7, 408-414.	2.3	2
203	<i>and Enantioselective Henry Reactions of Aliphatic Aldehydes and Application to the Synthesis of Safingol. Chemistry - A European Journal</i> , 2013, 19, 16541-16544.	1.7	38
205	Polydentate chiral heteroorganic ligands/catalystsâ€™ impact of particular functional groups on their activity in selected reactions of asymmetric synthesis. <i>Tetrahedron: Asymmetry</i> , 2013, 24, 1417-1420.	1.8	12
206	Henry reaction catalyzed by Lipase A from <i>Aspergillus niger</i> . <i>Green Chemistry Letters and Reviews</i> , 2013, 6, 277-281.	2.1	25
207	A Modified Preparation Procedure for Carbon Nanotube-Confined Nd/Na Heterobimetallic Catalyst for anti-Selective Catalytic Asymmetric Nitroaldol Reactions. <i>Journal of Organic Chemistry</i> , 2013, 78, 11494-11500.	1.7	29
208	Recoverable salen-based macrocyclic chiral complexes; catalysts for enantioselective Henry reactions. <i>Tetrahedron: Asymmetry</i> , 2013, 24, 1395-1401.	1.8	20
209	Synthesis and computation of diastereomeric phenanthrolineâ€™quinine ligands and their application in asymmetric Henry reaction. <i>Tetrahedron</i> , 2013, 69, 10644-10652.	1.0	27
210	Squaramide-Catalyzed Enantioselective Michael Addition of Masked Acyl Cyanides to Substituted Enones. <i>Journal of the American Chemical Society</i> , 2013, 135, 16050-16053.	6.6	121
211	Copperâ€™Catalyzed Enantioselective Henry Reaction of Enals and Subsequent Iodocyclization: Stereoselective Construction of Chiral Azatricyclic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10265-10269.	7.2	30
213	Selfâ€™Assembling Neodymium/Sodium Heterobimetallic Asymmetric Catalyst Confined in a Carbon Nanotube Network. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6196-6201.	7.2	59
214	A mixed dicarboxylate strut approach to enhancing catalytic activity of a de novo urea derivative of metalâ€™organic framework UiO-67. <i>Chemical Communications</i> , 2013, 49, 10920.	2.2	93
215	Highly asymmetric Henry reaction catalyzed by chiral copper(II) complexes. <i>Tetrahedron Letters</i> , 2013, 54, 462-465.	0.7	32
216	Asymmetric Henry reactions catalyzed by metal complexes of chiral oxazoline based ligands. <i>Tetrahedron: Asymmetry</i> , 2013, 24, 14-22.	1.8	22
218	Asymmetric Catalysis with Bis(hydroxyphenyl)diamides/Rareâ€™Earth Metal Complexes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 223-234.	7.2	59

#	ARTICLE	IF	CITATIONS
220	Fluorous chiral bis(oxazolines): Synthesis and application in asymmetric Henry reaction. <i>Journal of Fluorine Chemistry</i> , 2013, 156, 183-186.	0.9	23
221	Nitro-Mannich Reaction. <i>Chemical Reviews</i> , 2013, 113, 2887-2939.	23.0	305
222	Organocatalytic asymmetric domino Michael-Henry reaction for the synthesis of substituted bicyclo[3.2.1]octan-2-ones. <i>Chemical Communications</i> , 2013, 49, 2219.	2.2	54
223	Henry Reaction in Aqueous Media at Neutral pH. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 2922-2929.	1.2	34
224	Planar chiral [2.2]paracyclophane-based bis(thiourea) catalyst: application to asymmetric Henry reaction. <i>Chemical Communications</i> , 2013, 49, 4030.	2.2	62
225	Synthesis of novel thiophene-based chiral ligands and their application in asymmetric Henry reaction. <i>Applied Organometallic Chemistry</i> , 2013, 27, 283-289.	1.7	14
226	Isatin as a Strategic Motif for Asymmetric Catalysis. <i>ChemCatChem</i> , 2013, 5, 2131-2148.	1.8	92
227	A New Henry/Michael/Retro-Henry/Henry Domino Sequence Promoted by Bifunctional Organocatalysts. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 938-946.	2.1	31
228	C-C Bond formation catalyzed by natural gelatin and collagen proteins. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 1111-1118.	1.3	23
229	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
230	Asymmetric synthesis of 1,2,3-trisubstituted indanes via an enantioselective copper(II)-catalyzed asymmetric nitroaldol reaction followed by an intramolecular Michael cyclization. <i>Tetrahedron: Asymmetry</i> , 2013, 24, 699-705.	1.8	12
231	Modular bipyridine ligands coupled with Cinchona alkaloids for Cu(II)-catalyzed asymmetric Henry reactions. <i>Tetrahedron: Asymmetry</i> , 2013, 24, 736-743.	1.8	10
232	Simplified synthesis of individual stereoisomers of the 4-hydroxynonenal adducts of deoxyguanosine. <i>Tetrahedron Letters</i> , 2013, 54, 4289-4291.	0.7	6
233	Applications of Helical-Chiral Pyridines as Organocatalysts in Asymmetric Synthesis. <i>Chemical Record</i> , 2013, 13, 28-42.	2.9	70
234	Asymmetric Transfer Hydrogenation of 3-Nitroquinolines: Facile Access to Cyclic Nitro Compounds with Two Contiguous Stereocenters. <i>Chemistry - an Asian Journal</i> , 2013, 8, 1381-1385.	1.7	45
235	Metal-free carbonitration of alkenes using K ₂ S ₂ O ₈ . <i>Chemical Communications</i> , 2013, 49, 11701.	2.2	105
236	Concise asymmetric synthesis of Linezolid through catalyzed Henry reaction. <i>RSC Advances</i> , 2013, 3, 24946.	1.7	10
237	Ethyl acrylate conjugated polystyryl-diphenylphosphine - An extremely efficient catalyst for Henry reaction under solvent-free conditions (SolFC). <i>Canadian Journal of Chemistry</i> , 2013, 91, 300-306.	0.6	17

#	ARTICLE	IF	CITATIONS
238	Copper-catalyzed Enantioselective Henry Reaction of Enals and Subsequent Iodocyclization: Stereoselective Construction of Chiral Azatricyclic Frameworks. <i>Angewandte Chemie</i> , 2013, 125, 10455-10459.	1.6	4
239	Highly regioselective synthesis of chiral diamines via a Buchwald-Hartwig amination from camphoric acid and their application in the Henry reaction. <i>Applied Organometallic Chemistry</i> , 2014, 28, 552-558.	1.7	6
240	Podand-Based Dimeric Chromium(III)-Salen Complex for Asymmetric Henry Reaction: Cooperative Catalysis Promoted by Complexation of Alkali Metal Ions. <i>Chemistry - A European Journal</i> , 2014, 20, 16454-16457.	1.7	28
241	Synthesis of Novel Chiral Tridentate Schiff-Base Ligands and Their Applications in Catalytic Asymmetric Henry Reaction. <i>Chirality</i> , 2014, 26, 780-783.	1.3	6
242	Henry reaction catalyzed by recoverable enantioselective catalysts based on copper(II) complexes of \pm -methoxypoly(ethylene glycol)- <i>b</i> -poly(L-glutamic acid) and imidazolidine-4-one ligands. <i>Tetrahedron: Asymmetry</i> , 2014, 25, 334-339.	1.8	13
243	Polystyrene copolymer supported by substituted (1 <i>R</i> ,2 <i>R</i>)-1,2-diphenylethane-1,2-diamine-copper(II) complexes: a recyclable catalyst for asymmetric Henry reactions. <i>Tetrahedron: Asymmetry</i> , 2014, 25, 775-780.	1.8	12
244	Enantioselective Henry and Aza-Henry Reaction in the Synthesis of Tembamide Using Efficient, Recyclable Polymeric Cu Complexes as Catalyst. <i>ChemPlusChem</i> , 2014, 79, 1138-1146.	1.3	14
245	Synthesis of Tunable Diamine Ligands with Spiro Indane-2,2'-pyrrolidine Backbone and Their Applications in Enantioselective Henry Reaction. <i>Journal of Organic Chemistry</i> , 2014, 79, 1222-1234.	1.7	33
246	Recent advances in cooperative bimetallic asymmetric catalysis: dinuclear Schiff base complexes. <i>Chemical Communications</i> , 2014, 50, 1044-1057.	2.2	229
247	Copper(II)-containing C ₂ -symmetric bistetracarboline amides in enantioselective Henry reactions. <i>Tetrahedron</i> , 2014, 70, 9077-9083.	1.0	26
248	Unusual Reactivity of Nitronates with an Aryl Alkyl Carbonate: Synthesis of \pm -Amino Esters. <i>Organic Letters</i> , 2014, 16, 5874-5877.	2.4	5
249	Highly regio- and stereoselective nitro-oxoamination of mono-substituted allenes. <i>Chemical Communications</i> , 2014, 50, 15333-15336.	2.2	25
250	Highly efficient modular metal-free synthesis of 3-substituted 2-quinolones. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 9786-9788.	1.5	24
251	Probing the evolution of an Ar-BINMOL-derived salen-Cu complex for asymmetric Henry reactions of aromatic aldehydes: salen-Cu versus salen-Co catalysis. <i>RSC Advances</i> , 2014, 4, 37859.	1.7	34
252	Synthesis, structure and catalytic applications of amidoterephthalate copper complexes in the diastereoselective Henry reaction in aqueous medium. <i>New Journal of Chemistry</i> , 2014, 38, 4837-4846.	1.4	46
253	(2 <i>S</i> ,5 <i>R</i>)-2-Methylaminomethyl-1-methyl-5-phenylpyrrolidine, a chiral diamine ligand for copper-catalysed Henry reactions with superb enantiocontrol. <i>Chemical Communications</i> , 2014, 50, 6623-6625.	2.2	32
254	Enantioselective formal \pm -allylation of nitroalkanes through a chiral iminophosphorane-catalyzed Michael reaction-Julia-Kocienski olefination sequence. <i>Chemical Communications</i> , 2014, 50, 3491-3493.	2.2	33
255	Preparation of indium nitronates and their Henry reactions. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 8593-8597.	1.5	6

#	ARTICLE	IF	CITATIONS
256	Synthesis and characterization of chiral recyclable dimeric copper(Cu^{II})-salen complexes and their catalytic application in asymmetric nitroaldol (Henry) reaction. <i>Catalysis Science and Technology</i> , 2014, 4, 411-418.	2.1	31
257	Part I: Nitroalkenes in the synthesis of heterocyclic compounds. <i>RSC Advances</i> , 2014, 4, 48022-48084.	1.7	106
258	Organocatalytic enantioselective aza-Henry reaction of ketimines derived from isatins: access to optically active 3-amino-2-oxindoles. <i>RSC Advances</i> , 2014, 4, 24816-24819.	1.7	41
259	Correlating the Effects of the N-Substituent Sizes of Chiral 1,2-Amino Phosphinamide Ligands on Enantioselectivities in Catalytic Asymmetric Henry Reaction Using Physical Steric Parameters. <i>Journal of Organic Chemistry</i> , 2014, 79, 9455-9464.	1.7	33
260	A new cyclic binuclear Ni(II) complex as a catalyst towards nitroaldol (Henry) reaction. <i>Catalysis Communications</i> , 2014, 57, 103-106.	1.6	27
261	2.07 The Aldol Reaction: Organocatalysis Approach. , 2014, , 273-339.		9
262	Recent Developments in the Chemistry of α -Halogeno Nitro Compounds. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 6339-6359.	1.2	16
263	Enantioselective Addition of Nitromethane to 2-Acylpyridine N-Oxides. Expanding the Generation of Quaternary Stereocenters with the Henry Reaction. <i>Organic Letters</i> , 2014, 16, 1204-1207.	2.4	35
264	Dual stereocontrol over the Henry reaction using a light- and heat-triggered organocatalyst. <i>Chemical Communications</i> , 2014, 50, 7773.	2.2	90
265	Self-Assembled Asymmetric Catalyst Engaged in a Continuous-Flow Platform: An <i>Anti</i> -Selective Catalytic Asymmetric Nitroaldol Reaction. <i>Organic Letters</i> , 2014, 16, 3496-3499.	2.4	52
266	Synthetic Approaches to 3-(2-Nitroalkyl) Indoles and Their Use to Access Tryptamines and Related Bioactive Compounds. <i>Chemical Reviews</i> , 2014, 114, 7108-7149.	23.0	284
267	Enantioselective copper(II)-catalyzed Henry reaction utilizing chiral aziridinyl alcohols. <i>Applied Organometallic Chemistry</i> , 2014, 28, 892-899.	1.7	12
268	Recent Developments in Enantioselective Nickel(II)-Catalyzed Conjugate Additions. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 2745-2780.	2.1	59
269	The First Modular Route to Core-Chiral Bispidine Ligands and Their Application in Enantioselective Copper(II)-Catalyzed Henry Reactions. <i>Chemistry - A European Journal</i> , 2015, 21, 12488-12500.	1.7	38
270	Synthesis and applications in Henry reactions of novel chiral thiazoline tridentate ligands. <i>Applied Organometallic Chemistry</i> , 2015, 29, 661-667.	1.7	6
271	Cu(II)-Catalyzed Asymmetric Henry Reaction with a Novel C1-Symmetric Aminopinane-Derived Ligand. <i>Molecules</i> , 2015, 20, 6224-6236.	1.7	16
272	Co-salen complexes as catalysts for the asymmetric Henry reaction - reversed enantioselectivity through simple ligand modification. <i>RSC Advances</i> , 2015, 5, 29108-29113.	1.7	17
273	Stereoselective synthesis of 3-amino-2-oxindoles from isatin imines: new scaffolds for bioactivity evaluation. <i>RSC Advances</i> , 2015, 5, 52481-52496.	1.7	92

#	ARTICLE	IF	CITATIONS
274	Catalytic Asymmetric Henry Reaction of Nitroalkanes and Aldehydes Catalyzed by a Chiral N,N'-Dioxide/Cu(I) Complex. <i>Journal of Organic Chemistry</i> , 2015, 80, 2272-2280.	1.7	35
275	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
276	Lanthanide derivatives comprising arylhydrazones of β -diketones: cooperative E/Z isomerization and catalytic activity in nitroaldol reaction. <i>Dalton Transactions</i> , 2015, 44, 5602-5610.	1.6	47
277	Henry reaction catalyzed by new series of imidazolidine-4-one Cu-complexes. <i>Tetrahedron: Asymmetry</i> , 2015, 26, 141-147.	1.8	19
278	The synthesis, structure, topology and catalytic application of a novel cubane-based copper(II) metal-organic framework derived from a flexible amido tripodal acid. <i>Dalton Transactions</i> , 2015, 44, 10156-10165.	1.6	56
279	Selective synthesis of nitroalcohols in the presence of Ambersep 900 OH as heterogeneous catalyst. <i>Monatshefte für Chemie</i> , 2015, 146, 969-972.	0.9	4
280	Zinc amidoisophthalate complexes and their catalytic application in the diastereoselective Henry reaction. <i>New Journal of Chemistry</i> , 2015, 39, 3004-3014.	1.4	26
281	In-depth structure-selectivity investigations on asymmetric, copper-catalyzed oxidative biaryl coupling in the presence of 5-cis-substituted prolinamines. <i>Catalysis Science and Technology</i> , 2015, 5, 2215-2226.	2.1	22
282	Coll, Nill and UO ₂ complexes with β -diketones and their arylhydrazone derivatives: Synthesis, structure and catalytic activity in Henry reaction. <i>Polyhedron</i> , 2015, 101, 14-22.	1.0	11
283	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
284	One-pot protocol to synthesize N-(β -nitro)amides by tandem Henry/Ritter reaction. <i>RSC Advances</i> , 2015, 5, 24044-24048.	1.7	8
285	Dinuclear versus mononuclear pathways in zinc mediated nucleophilic addition: a combined experimental and DFT study. <i>Dalton Transactions</i> , 2015, 44, 11165-11171.	1.6	26
287	Asymmetric Cu-catalyzed Henry reaction promoted by chiral camphor-derived β -amino alcohols with a thiophene moiety. <i>Tetrahedron: Asymmetry</i> , 2015, 26, 338-343.	1.8	19
288	A Stereoselective Catalytic Nitroaldol Reaction as the Key Step in a Strategy for the Synthesis of the Renin Inhibitor Aliskiren. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 2531-2537.	1.2	15
289	Solvent-dependent strong asymmetric amplification in the catalytic enantioselective Henry reaction using the trans-N,N'-bis-biphenyl-4-ylmethyl-cyclohexane-1,2-diamine-CuCl ₂ complex. <i>Chemical Communications</i> , 2015, 51, 7907-7910.	2.2	26
290	Amide functionalized metal-organic frameworks for diastereoselective nitroaldol (Henry) reaction in aqueous medium. <i>RSC Advances</i> , 2015, 5, 87400-87410.	1.7	43
291	Recyclable catalyst for the asymmetric Henry reaction based on functionalized imidazolidine-4-one-copper(II) complexes supported by a polystyrene copolymer. <i>Tetrahedron Letters</i> , 2015, 56, 6240-6243.	0.7	16
292	Conformationally Flexible Guanidine-(Thio)Urea Bifunctional Organocatalysts. <i>Topics in Heterocyclic Chemistry</i> , 2015, , 157-178.	0.2	1

#	ARTICLE	IF	CITATIONS
293	The first 4,4- ϵ^2 -imidazolium-tagged C ₂ -symmetric bis(oxazolines): application in the asymmetric Henry reaction. <i>RSC Advances</i> , 2015, 5, 4758-4765.	1.7	11
294	Metal-free ring expansion of indoles with nitroalkenes: a simple, modular approach to 3-substituted 2-quinolones. <i>RSC Advances</i> , 2015, 5, 8647-8656.	1.7	30
295	Chiral zinc catalysts for asymmetric synthesis. <i>Tetrahedron</i> , 2015, 71, 1339-1394.	1.0	56
296	Catalytic asymmetric Henry reaction using copper(II) chiral tridentate Schiff-base complexes and their polymer-supported complexes. <i>Comptes Rendus Chimie</i> , 2015, 18, 215-222.	0.2	17
297	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
298	Keratin Protein-Catalyzed Nitroaldol (Henry) Reaction and Comparison with Other Biopolymers. <i>Molecules</i> , 2016, 21, 1122.	1.7	11
299	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
300	Trifunctional Squaramide Catalyst for Efficient Enantioselective Henry Reaction Activation. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 1801-1809.	2.1	41
301	Copper Complex of Pinene based Schiff base [CuSBADBH] ₂ : Synthesis and its Application in Catalytic Asymmetric Nitroaldol (Henry) Reaction. <i>ChemistrySelect</i> , 2016, 1, 2028-2034.	0.7	5
302	Vasicine from <i>Adhatoda vasica</i> as an organocatalyst for metal-free Henry reaction and reductive heterocyclization of <i>o</i> -nitroacylbenzenes. <i>Tetrahedron Letters</i> , 2016, 57, 5003-5008.	0.7	10
303	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
304	1D Zn(II) coordination polymer of arylhydrazone of 5,5-dimethylcyclohexane-1,3-dione as a pre-catalyst for the Henry reaction. <i>Catalysis Communications</i> , 2016, 87, 49-52.	1.6	12
305	Silver comes into play: Henry reaction and domino cycloisomerisation sequence catalysed by [Ag(i)(Pc-L)] complexes. <i>RSC Advances</i> , 2016, 6, 97404-97419.	1.7	18
306	Enantioselective Cu(II)-catalyzed Henry reactions with chiral cyclohexane-based amidophosphine ligands. <i>Tetrahedron: Asymmetry</i> , 2016, 27, 923-929.	1.8	11
307	Synthesis of obscuraminol A using an organocatalyzed enantioselective Henry reaction. <i>Tetrahedron</i> , 2016, 72, 6572-6577.	1.0	4
308	Nickel-catalyzed Denitrated Coupling Reaction of Nitroalkenes with Aliphatic and Aromatic Alkenes. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 3179-3183.	2.1	16
309	Recent Developments in Enantioselective Metal-catalyzed Domino Reactions. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 2194-2259.	2.1	101
310	Ctr-1 MetS7 motif inspiring new peptide ligands for Cu-catalyzed asymmetric Henry reactions under green conditions. <i>RSC Advances</i> , 2016, 6, 71529-71533.	1.7	21

#	ARTICLE	IF	CITATIONS
311	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
312	Enantio- and Diastereoselective Synthesis of Î²-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
313	Enantioselective nitromethane addition to brominated and fluorinated benzaldehydes (Henry) <i>Tetrahedron Letters</i> , 2016, 57, 1217-1221.	1.8	12
314	Polymer supported DMAP: an easily recyclable organocatalyst for highly atom-economical Henry reaction under solvent-free conditions. <i>RSC Advances</i> , 2016, 6, 104154-104163.	1.7	27
315	Evaluation of 5-Substituted Prolinamines as Ligands in Enantioselective, Copper-Catalyzed Henry Reactions. <i>ChemCatChem</i> , 2016, 8, 1846-1856.	1.8	15
316	A new series of bipyridine based chiral organocatalysts for enantioselective Henry reaction. <i>New Journal of Chemistry</i> , 2016, 40, 7148-7156.	1.4	4
317	Switchable Hydrophilicity Solvents for Product Isolation and Catalyst Recycling in Organocatalysis. <i>ChemSusChem</i> , 2016, 9, 696-702.	3.6	26
318	Design for carbon-carbon bond forming reactions under ambient conditions. <i>RSC Advances</i> , 2016, 6, 64676-64725.	1.7	82
319	Nanoporous lanthanide metal-organic frameworks as efficient heterogeneous catalysts for the Henry reaction. <i>CrystEngComm</i> , 2016, 18, 1337-1349.	1.3	43
320	Metal-organic frameworks (MOFs) bring new life to hydrogen-bonding organocatalysts in confined spaces. <i>CrystEngComm</i> , 2016, 18, 3985-3995.	1.3	54
321	Ethyl Nitroacetate in Aza-Henry Addition on Trifluoromethyl Aldimines: A Solvent-Free Procedure To Obtain Chiral Trifluoromethyl Î±,Î²-Diamino Esters. <i>Journal of Organic Chemistry</i> , 2016, 81, 2864-2874.	1.7	16
322	anti-Selective Asymmetric Henry Reaction Catalyzed by a Heterobimetallic Cu-Sm-Aminophenol Sulfonamide Complex. <i>Organic Letters</i> , 2016, 18, 1578-1581.	2.4	31
323	Preparation of Nd/Na heterogeneous catalyst from bench-stable and inexpensive Nd salt for an anti-selective catalytic asymmetric nitroaldol reaction. <i>Tetrahedron Letters</i> , 2016, 57, 1815-1819.	0.7	19
324	Mining catalytic promiscuity from Thermophilic archaea: an acyl-peptide releasing enzyme from <i>Sulfolobus tokodaii</i> (ST0779) for nitroaldol reactions. <i>Green Chemistry</i> , 2016, 18, 2753-2761.	4.6	22
325	Asymmetric flow catalysis: Mix-and-go solid-phase Nd/Na catalyst for expeditious enantioselective access to a key intermediate of AZD7594. <i>Tetrahedron</i> , 2017, 73, 1517-1521.	1.0	21
326	Hybrid-Type Squaramide-Fused Amino Alcohol Organocatalysts for Enantioselective Nitroaldol Reaction of Nitromethane with Isatins. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 1638-1646.	1.2	16
327	The new chemical insight for understanding the mechanism of Henry reaction over Cu(II) catalyst. <i>Chemical Physics Letters</i> , 2017, 673, 7-10.	1.2	6
328	Stereoselective Catalytic Synthesis of Active Pharmaceutical Ingredients in Homemade 3D-Printed Mesoreactors. <i>Angewandte Chemie</i> , 2017, 129, 4354-4358.	1.6	27

#	ARTICLE	IF	CITATIONS
329	Copper(II) complexes of 2-(pyridine-2-yl)imidazolidine-4-thione derivatives for asymmetric Henry reactions. <i>Tetrahedron: Asymmetry</i> , 2017, 28, 791-796.	1.8	13
330	Recent Advances and Perspectives on the Zinc-Catalyzed Nitroaldol (Henry) Reaction. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 1349-1360.	1.3	27
331	Stereodivergent synthesis of all the four stereoisomers of antidepressant reboxetine. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 5395-5401.	1.5	9
332	Amido-pincer complexes of Cu(II): Synthesis, coordination chemistry and applications in catalysis. <i>Journal of Organometallic Chemistry</i> , 2017, 845, 107-114.	0.8	13
333	Stereoselective Catalytic Synthesis of Active Pharmaceutical Ingredients in Homemade 3D-Printed Mesoreactors. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4290-4294.	7.2	72
334	Simple and Effective Catalyst Separation by New CO ₂ -Induced Switchable Organocatalysts. <i>ChemSusChem</i> , 2017, 10, 2685-2691.	3.6	7
335	Nitrosocarbonyl-Henry and Denitration Cascade: Synthesis of β -Ketoamides and β -Keto Oximes. <i>Organic Letters</i> , 2017, 19, 1694-1697.	2.4	24
336	Strategic Immobilization of Molecular Catalysts onto Carbon Nanotubes via Noncovalent Interaction for Catalytic Organic Transformations. <i>Israel Journal of Chemistry</i> , 2017, 57, 270-278.	1.0	11
338	Dual Stereocontrol in Enantioselective Aldol Reactions. <i>Organic Preparations and Procedures International</i> , 2017, 49, 415-433.	0.6	1
339	Organocatalytic Asymmetric Tandem β -Aminoxylation-Henry Reactions for the Synthesis of 1,2-Diols: Total Synthesis of (S)-threo-Sphinganine. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 6700-6707.	1.2	12
340	Dynamic control over catalytic function using responsive bithiourea catalysts. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 8285-8294.	1.5	21
341	Modular Construction of Protected 1,2/1,3-Diols, -Amino Alcohols, and -Diamines via Catalytic Asymmetric Dehydrative Allylation: An Application to Synthesis of Sphingosine. <i>Journal of Organic Chemistry</i> , 2017, 82, 9160-9170.	1.7	15
342	Diamine-Tethered Bis(thiourea) Organocatalyst for Asymmetric Henry Reaction. <i>Journal of Organic Chemistry</i> , 2017, 82, 8342-8358.	1.7	33
343	Optimizing the Accuracy and Computational Cost in Theoretical Squaramide Catalysis: The Henry Reaction. <i>Chemistry - A European Journal</i> , 2017, 23, 15336-15347.	1.7	18
344	"Push-Pull" (PPI) Systems in Catalysis. <i>ACS Catalysis</i> , 2017, 7, 6430-6439.	5.5	24
345	Catalytic Macroporous Biohydrogels Made of Ferritin-Encapsulated Gold Nanoparticles. <i>ChemPlusChem</i> , 2017, 82, 225-232.	1.3	5
346	Synthesis and application of dynamic self-supported enantioselective catalysts. <i>Coordination Chemistry Reviews</i> , 2017, 332, 38-47.	9.5	28
347	Synthesis of Solid Catalysts with Spatially Resolved Acidic and Basic Molecular Functionalities. <i>ACS Catalysis</i> , 2018, 8, 2870-2879.	5.5	37

#	ARTICLE	IF	CITATIONS
348	Catalytic enantioselective Henry reaction of α -keto esters, 2-acylpyridines and 2-acylpyridine α -N-oxides. RSC Advances, 2018, 8, 9414-9422.	1.7	8
349	Stereodivergent Catalysis. Chemical Reviews, 2018, 118, 5080-5200.	23.0	350
350	Rigid and concave, 2,4-cis-substituted azetidine derivatives: A platform for asymmetric catalysis. Scientific Reports, 2018, 8, 6541.	1.6	15
351	Synthesis and structural characterization of a novel dinuclear Cu(II) complex: an efficient and recyclable bifunctional heterogeneous catalyst for the diastereoselective Henry reaction. Dalton Transactions, 2018, 47, 5928-5932.	1.6	18
352	Dynamic kinetic resolution of 2-methyl-2-nitrocyclohexanol: Combining the intramolecular nitroaldol (Henry) reaction & lipase-catalysed resolution. Tetrahedron, 2018, 74, 1435-1443.	1.0	9
353	Spectroscopic Study of a Cinchona Alkaloid-Catalyzed Henry Reaction. ACS Omega, 2018, 3, 1871-1880.	1.6	9
354	In situ polymerization of poly(vinylimidazole) into the pores of hierarchical MFI zeolite as an acid-base bifunctional catalyst for one-pot C-C bond cascade reactions. Research on Chemical Intermediates, 2018, 44, 3279-3291.	1.3	10
355	Pd-Catalyzed Three-Component Reaction of Anilines, Ethyl Vinyl Ether, and Nitro-Paraffin: Assembly of β -Nitroamines. Organic Letters, 2018, 20, 550-553.	2.4	8
356	Heterogeneous Heterobimetallic Catalysis Enabling Expeditious Access to CF ₃ -Containing α -Amino Alcohols. Organic Letters, 2018, 20, 308-311.	2.4	22
357	Mechanistic Studies on the Michael Addition of Amines and Hydrazines To Nitrostyrenes: Nitroalkane Elimination via a Retro-aza-Henry-Type Process. Journal of Organic Chemistry, 2018, 83, 1176-1184.	1.7	28
358	2-Azadienes as Reagents for Preparing Chiral Amines: Synthesis of 1,2-Amino Tertiary Alcohols by Cu-Catalyzed Enantioselective Reductive Couplings with Ketones. Journal of the American Chemical Society, 2018, 140, 598-601.	6.6	81
359	Daucus carota root enzyme catalyzed Henry reaction: A green approach. Tetrahedron Letters, 2018, 59, 663-666.	0.7	6
360	Asymmetric Henry reaction catalyzed by chiral Cu(II) salalen and salan complexes derived from (S)-TjETQq000rgBT/Overlock 10 Tf 50	1.2	11
361	Catalytic synthesis of 3-aminooxindoles via addition to isatin imine: an update. Organic and Biomolecular Chemistry, 2018, 16, 3328-3347.	1.5	51
362	Nitrohydroxylation of Olefins with Nitric Acid Using Tridentate NHC-Amide-Alkoxide Containing Palladium Catalysts. Topics in Catalysis, 2018, 61, 630-635.	1.3	2
363	Recent progress in copper catalyzed asymmetric Henry reaction. Chinese Chemical Letters, 2018, 29, 873-883.	4.8	40
364	Organocatalyzed Enantioselective Aldol and Henry Reactions Starting from Benzylic Alcohols. Advanced Synthesis and Catalysis, 2018, 360, 124-129.	2.1	9
365	Multidentate unsymmetrically-substituted Schiff bases and their metal complexes: Synthesis, functional materials properties, and applications to catalysis. Coordination Chemistry Reviews, 2018, 357, 144-172.	9.5	277

#	ARTICLE	IF	CITATIONS
366	<i>C</i> -Symmetric 1,2-Diaminobicyclo[2.2.2]octane Ligands in Copper-Catalyzed Asymmetric Henry Reaction: Catalyst Development and DFT Studies. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 178-187.	1.2	9
367	Hydrogen-Bonding-Assisted Supramolecular Metal Catalysis. <i>Chemistry - an Asian Journal</i> , 2018, 13, 3623-3646.	1.7	42
368	Synthesis of chiral salen ligands and their <i>in situ</i> generated Cu-complexes for asymmetric Henry reaction. <i>Chirality</i> , 2018, 30, 1257-1268.	1.3	3
369	Biocatalytic Approach to Chiral β^2 -Nitroalcohols by Enantioselective Alcohol Dehydrogenase-Mediated Reduction of β^2 -Nitroketones. <i>Catalysts</i> , 2018, 8, 308.	1.6	14
370	Base-Catalyzed 1,6-Conjugate Addition of Nitroalkanes to <i>p</i> -Quinone Methides under Continuous Flow. <i>ACS Omega</i> , 2018, 3, 13967-13976.	1.6	7
371	Bimetallic Oriented (Au/Cu ₂ O) vs. Monometallic 1.1.1 Au (0) or 2.0.0 Cu ₂ O Graphene-Supported Nanoplatelets as Very Efficient Catalysts for Michael and Henry Additions. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 6185-6190.	1.2	3
372	Palladium triggered diene formation from nitro allylic compounds: a versatile entry into naphthalene derivatives. <i>Chemical Communications</i> , 2018, 54, 10917-10920.	2.2	3
373	<i>anti</i> -Selective Catalytic Asymmetric Nitroaldol Reaction of β^2 -Keto Esters: Intriguing Solvent Effect, Flow Reaction, and Synthesis of Active Pharmaceutical Ingredients. <i>Journal of the American Chemical Society</i> , 2018, 140, 12290-12295.	6.6	52
374	Biocatalytic approaches towards the stereoselective synthesis of vicinal amino alcohols. <i>New Journal of Chemistry</i> , 2018, 42, 12296-12327.	1.4	63
375	An ionic liquid gel: a heterogeneous catalyst for Erlenmeyer-Plochl and Henry reactions. <i>New Journal of Chemistry</i> , 2018, 42, 10993-11005.	1.4	12
376	Synthesis of chiral 3-substituted 3-amino-2-oxindoles through enantioselective catalytic nucleophilic additions to isatin imines. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 1349-1369.	1.3	23
377	Chiral copper-salen complex grafted over functionalized mesoporous silica as an efficient catalyst for asymmetric Henry reactions and synthesis of the potent drug (<i>R</i>)-isoproterenol. <i>New Journal of Chemistry</i> , 2018, 42, 11896-11904.	1.4	19
378	Transition-Metal-Free Multicomponent Approach to Stereoenriched Cyclopentylisoxazoles through C-C Bond Cleavage. <i>Chemistry - an Asian Journal</i> , 2018, 13, 2031-2039.	1.7	9
380	A new type of L-Tertiary leucine-derived ligand: Synthesis and application in Cu(II)-catalyzed asymmetric Henry reactions. <i>Tetrahedron</i> , 2019, 75, 130469.	1.0	2
381	Hydrosoluble Complexes Bearing Tris(pyrazolyl)methane Sulfonate Ligand: Synthesis, Characterization and Catalytic Activity for Henry Reaction. <i>Catalysts</i> , 2019, 9, 611.	1.6	8
382	Chiral Cr(III)-salen complex embedded over sulfonic acid functionalized mesoporous SBA-15 material as an efficient catalyst for the asymmetric Henry reaction. <i>Molecular Catalysis</i> , 2019, 475, 110489.	1.0	8
383	Acylation Kinetic Resolution of Racemic 2,2-Dimethyl-Substituted Nitroaldol (Henry) Adducts Using a Chiral Guanidine Catalyst: (<i>R</i>)-N-Methylbenzoguanidine ((<i>R</i>)-NMBG). <i>ChemistrySelect</i> , 2019, 4, 9440-9443.	0.7	3
385	Chiral and Racemic Fields Concept for Understanding of the Homochirality Origin, Asymmetric Catalysis, Chiral Superstructure Formation from Achiral Molecules, and B-Z DNA Conformational Transition. <i>Symmetry</i> , 2019, 11, 649.	1.1	9

#	ARTICLE	IF	CITATIONS
386	Asymmetric Cu-catalyzed Henry reaction using chiral camphor Schiff bases immobilized on a macromolecular chain. <i>Tetrahedron Letters</i> , 2019, 60, 1819-1824.	0.7	3
387	Asymmetric Catalysis Using Chiral Salen-Metal Complexes: Recent Advances. <i>Chemical Reviews</i> , 2019, 119, 9381-9426.	23.0	174
388	Metallo(salen) complexes as versatile building blocks for the fabrication of molecular materials and devices with tuned properties. <i>Coordination Chemistry Reviews</i> , 2019, 394, 104-134.	9.5	74
389	Synthesis and structures of copper complexes bearing unsymmetric derivatives of (R,R)-Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 506 Chemistry, 2019, 33, e4955.	1.7	6
390	Highly stereoselective synthesis of 2,3-dihydrofurans via a cascade Michael addition-alkylation process: a nitro group as the leaving group. <i>Chemical Communications</i> , 2019, 55, 6285-6288.	2.2	22
391	Bianthryl-based organocatalysts for the asymmetric Henry reaction of fluoroketones. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 5244-5248.	1.5	21
392	Nickel-Catalyzed Asymmetric C-Alkylation of Nitroalkanes: Synthesis of Enantioenriched β -Nitroamides. <i>Journal of the American Chemical Society</i> , 2019, 141, 8436-8440.	6.6	27
393	Design and Synthesis of Bridging Chiral β -Butylcalix[4]arene Tetrahydroisoquinolines and Their Application in Henry Reaction as Chiral Organocatalysts. <i>ChemistrySelect</i> , 2019, 4, 4642-4646.	0.7	6
394	Recent Advances in Solvent-Free Asymmetric Catalysis. <i>ChemCatChem</i> , 2019, 11, 2943-2977.	1.8	31
395	Chiral iminophosphorane catalyzed asymmetric Henry reaction of β , β -alkynyl ketoesters. <i>Chinese Chemical Letters</i> , 2019, 30, 1519-1522.	4.8	8
396	Solvent-Dependent Enantiodivergence in anti-Selective Catalytic Asymmetric Nitroaldol Reactions. <i>Organic Letters</i> , 2019, 21, 3581-3583.	2.4	2
397	Asymmetric Henry Reaction of 2-Acylpyridine N-Oxides Catalyzed by a Ni-Aminophenol Sulfonamide Complex: An Unexpected Mononuclear Catalyst. <i>Molecules</i> , 2019, 24, 1471.	1.7	1
398	Imine-bridged periodic mesoporous organosilica as stable high-activity catalytic for Knoevenagel reaction in aqueous medium. <i>Research on Chemical Intermediates</i> , 2019, 45, 3107-3121.	1.3	7
399	Terpene ligands in the coordination chemistry: synthesis of metal complexes, stereochemistry, catalytic properties and biological activity. <i>Russian Chemical Reviews</i> , 2019, 88, 979-1012.	2.5	27
400	Access to a Catalytically Generated Umpolung Reagent through the Use of Cu-Catalyzed Reductive Coupling of Ketones and Allenes for the Synthesis of Chiral Vicinal Aminoalcohol Synthons. <i>Organic Letters</i> , 2019, 21, 9753-9758.	2.4	21
401	Ultrasound-assisted synthesis of two new fluorinated metal-organic frameworks (F-MOFs) with the high surface area to improve the catalytic activity. <i>Journal of Solid State Chemistry</i> , 2019, 270, 135-146.	1.4	31
402	Synthesis, crystal structure and catalytic properties in the diastereoselective nitroaldol (Henry) reaction of new zinc(II) and cadmium(II) compounds. <i>Polyhedron</i> , 2019, 158, 71-75.	1.0	4
403	Copper complexes of 1,4-diazabutadiene ligands: Tuning of metal oxidation state and, application in catalytic C-C and C-N bond formation. <i>Inorganica Chimica Acta</i> , 2020, 500, 119228.	1.2	3

#	ARTICLE	IF	CITATIONS
404	Copper-Catalyzed Enantioselective Reductive Cross-Coupling of Aldehydes and Imines. <i>Organic Letters</i> , 2020, 22, 800-803.	2.4	17
405	Self-Assembly of Lanthanide-Covalent Organic Polyhedra: Chameleonic Luminescence and Efficient Catalysis. <i>Inorganic Chemistry</i> , 2020, 59, 14023-14030.	1.9	11
406	Deep eutectic solvent as solvent and catalyst: one-pot synthesis of 1,3-dinitropropanes via tandem Henry reaction/Michael addition. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 8395-8401.	1.5	8
407	Divergent and Diastereoselective Synthesis of $\hat{1}$ -Monosubstituted and trans- $\hat{1}$, $\hat{2}$ -Disubstituted $\hat{3}$ -Lactams from (S)-N,N-Dibenzyl- $\hat{1}$ -amino Aldehydes via Henry and Michael Reactions. <i>Synthesis</i> , 2020, 52, 3650-3656.	1.2	2
408	Asymmetric catalysis in direct nitromethane-free Henry reactions. <i>RSC Advances</i> , 2020, 10, 2313-2326.	1.7	28
409	Enantioselective Michael Addition Reaction Catalysed by Enantiopure Binuclear Nickel(II) Closed Helicates. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 1144-1155.	2.1	8
410	Asymmetric Organocatalyzed Aza-Henry Reaction of Hydrazones: Experimental and Computational Studies. <i>Chemistry - A European Journal</i> , 2020, 26, 5469-5478.	1.7	7
411	Kinetic resolution of <i>N</i> -aryl $\hat{2}$ -amino alcohols via asymmetric aminations of anilines. <i>Chemical Communications</i> , 2021, 57, 9394-9397.	2.2	13
412	Mononitration of a Calix[4]arene Methylene Bridge: Synthesis and Preliminary Catalysis Performances of Bridging Chiral <i>p</i> - <i>tert</i> -Butylcalix[4]arenes with a Monoamino Bridge Substituent in a 1,3-Alternate Conformation. <i>Journal of Organic Chemistry</i> , 2021, 86, 3952-3959.	1.7	3
414	Controllable Preparation of Chiral Oxazoline-Cu(II) Catalyst as Nanoreactor for Highly Asymmetric Henry Reaction in Water. <i>Catalysis Letters</i> , 2022, 152, 106-115.	1.4	3
415	Synthesis, characterization and biological evaluation of N-Mannich base derivatives of 2-phenyl-2-imidazoline as potential antioxidants, enzyme inhibitors, antimicrobials, cytotoxic and anti-inflammatory agents. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103050.	2.3	8
416	C ₂ symmetric copper (II) complexes of L-valine and L-phenyl alanine based chiral diimines for catalytic asymmetric Henry reaction. <i>Tetrahedron Letters</i> , 2021, 72, 153090.	0.7	3
417	Catalytic <i>Syn</i> -Selective Nitroaldol Approach to Amphenicol Antibiotics: Evolution of a Unified Asymmetric Synthesis of ($\hat{\alpha}$)-Chloramphenicol, ($\hat{\alpha}$)-Azidamphenicol, (+)-Thiamphenicol, and (+)-Florfenicol. <i>Journal of Organic Chemistry</i> , 2021, 86, 11557-11570.	1.7	17
418	Synthesis of 1,2-Aminoalcohols through Enantioselective Aminoallylation of Ketones by Cu-Catalyzed Reductive Coupling. <i>Organic Letters</i> , 2021, 23, 6444-6449.	2.4	19
419	Highly Selective Monoalkylation of Active Methylene and Related Derivatives using Alkylsilyl Peroxides by a Catalytic Cu/DMAP System. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 2625.	1.3	7
420	Synthesis of $\hat{\alpha}$ -Click BOX-ligands and preliminary results on their application in the asymmetric copper catalysed Henry reaction of <i>o</i> -methoxybenzaldehyde. <i>Results in Chemistry</i> , 2021, 3, 100122.	0.9	0
421	Continuous flow asymmetric synthesis of chiral active pharmaceutical ingredients and their advanced intermediates. <i>Green Chemistry</i> , 2021, 23, 6117-6138.	4.6	62
422	Bifunctional Acid-Base Catalysis. , 2011, , 185-207.		5

#	ARTICLE	IF	CITATIONS
423	Noncovalent Interactions in the Nitroaldol (Henry) Reaction. RSC Catalysis Series, 2019, , 232-252.	0.1	2

424	CHAPTER 2. Asymmetric Domino Reactions Based on the Use of Chiral Metal Catalysts. RSC Catalysis Series, 0, , 150-150.	0.1	2
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425	Enantioselective Organocatalytic Reactions with Isatin. Current Organic Chemistry, 2013, 17, 1957-1985.	0.9	23
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426	Asymmetric Henry Reaction of Nitromethane with Substituted Aldehydes Catalyzed by Novel In Situ		
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#	ARTICLE	IF	CITATIONS
448	Enantioselective Henry reaction catalysed by Chiral-copper(II) Complexes: Chirality effect derived from ligand backbone and Side-chain. <i>Inorganic Chemistry Communication</i> , 2022, 144, 109880.	1.8	0
449	Efficient Catalyst-Free Henry Reaction between Nitroalkanes and Aldehydes or Trifluoromethyl Ketones Promoted by Tap Water. <i>Synthesis</i> , 0, , .	1.2	2
450	Electroreductive cross-coupling between aldehydes and ketones or imines <i>via</i> cathodically generated dianions. <i>Green Chemistry</i> , 2022, 24, 8386-8392.	4.6	7
451	Recent advances in catalysts for the Henry reaction. <i>Australian Journal of Chemistry</i> , 2022, 75, 806-819.	0.5	2
452	Recoverable PEG-supported amino alcohol ligand for copper-catalyzed Enantio- and syn-selective henry reaction with nitroethanol: Sustainable and straightforward access to chiral syn-2-nitro-1,3-Diols. <i>Journal of Catalysis</i> , 2023, 417, 35-40.	3.1	1
453	Kukhtin's Ramirez-Reaction-Inspired Deprotection of Sulfamidates for the Synthesis of Amino Sugars. <i>Molecules</i> , 2023, 28, 182.	1.7	0
454	Synthesis of ¹¹ C-Radiolabeled Eribulin as a Companion Diagnostics PET Tracer for Brain Glioblastoma. <i>Bulletin of the Chemical Society of Japan</i> , 2023, 96, 283-290.	2.0	3
455	<i>Carbonylchemie.</i> , 2023, , 39-186.		0
456	Asymmetric Access to Boryl-Substituted Vicinal Aminoalcohols through Cu-Catalyzed Reductive Coupling. <i>Organic Letters</i> , 2023, 25, 4644-4649.	2.4	1
457	Diboron-promoted iron-catalyzed denitrative vinylation of β -nitrostyrenes with cycloketoximes. <i>Organic and Biomolecular Chemistry</i> , 0, , .	1.5	0
458	Synthesis of Nitroso, Nitro, and Related Compounds. , 2023, , .		0