

# Yujiro Hayashi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3275818/publications.pdf>

Version: 2024-02-01

158  
papers

13,308  
citations

30551

56  
h-index

26792

111  
g-index

209  
all docs

209  
docs citations

209  
times ranked

6606  
citing authors

#	ARTICLE	IF	CITATIONS
1	Memories of Kan-san with Two Books. Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry, 2022, 80, 273-275.	0.0	0
2	Asymmetric Flow Reactions Catalyzed by Immobilized Diphenylprolinol Alkyl Ether: Michael Reaction and Domino Reactions. Chemistry - an Asian Journal, 2022, 17, e202200314.	1.7	3
3	Highly Sterically Hindered Peptide Bond Formation between $\beta,\beta$ -Disubstituted $\beta$ -Amino Acids and $\alpha$ -Alkyl Cysteines Using $\beta,\beta$ -Disubstituted $\beta$ -Amidionitrile. Journal of the American Chemical Society, 2022, 144, 10145-10150.	6.6	5
4	Time Economy in Total Synthesis. Journal of Organic Chemistry, 2021, 86, 1-23.	1.7	85
5	Oxidative peptide bond formation of glycine- $\alpha$ -amino acid using 2-(aminomethyl)malononitrile as a glycine unit. Chemical Communications, 2021, 57, 4283-4286.	2.2	6
6	Time and Pot Economy in Total Synthesis. Accounts of Chemical Research, 2021, 54, 1385-1398.	7.6	77
7	Direct Cyclopropanation of $\beta$ -Cyano $\beta$ -Aryl Alkanes by Light-Mediated Single Electron Transfer Between Donor-Acceptor Pairs. Chemistry - A European Journal, 2021, 27, 5901-5905.	1.7	6
8	Amphiphilic Immobilized Diphenylprolinol Alkyl Ether Catalyst on PS-PEG Resin. Bulletin of the Chemical Society of Japan, 2021, 94, 790-797.	2.0	3
9	Three-Pot Synthesis of Chiral $\alpha,\beta$ -1,3-diols through Asymmetric Organocatalytic Aldol and Wittig Reactions Followed by Epoxidation and Reductive Opening of the Epoxide. Organic Letters, 2021, 23, 5896-5900.	2.4	9
10	Asymmetric Synthesis of Functionalized 9-Methyldecalins Using a Diphenylprolinol-Silyl-Ether-Mediated Domino Michael/Aldol Reaction. Organic Letters, 2021, 23, 6654-6658.	2.4	11
11	Halogen Bonding of $\beta$ -Halosuccinimides with Amines and Effects of $\beta$ -Nitrated Acids in Quinuclidine-Catalyzed Halocyclizations. Helvetica Chimica Acta, 2021, 104, e2100080.	1.0	9
12	Enantiodivergent one-pot synthesis of axially chiral biaryls using organocatalyst-mediated enantioselective domino reaction and central-to-axial chirality conversion. Chemistry - A European Journal, 2021, 27, 15786-15794.	1.7	2
13	Pot and time economies in the total synthesis of Corey lactone. Chemical Science, 2020, 11, 1205-1209.	3.7	48
14	Inversion of the Axial Information during Oxidative Aromatization in the Synthesis of Axially Chiral Biaryls with Organocatalysis as a Key Step. Chemistry - A European Journal, 2020, 26, 4524-4530.	1.7	13
15	Asymmetric Domino Reaction of $\beta,\beta$ -Unsaturated Aldehydes and $\beta$ -Acyl $\beta,\beta$ -Unsaturated Cyclic Ketones Catalyzed by Diphenylprolinol Silyl Ether. Organic Letters, 2020, 22, 8603-8607.	2.4	5
16	Pot-Economical Total Synthesis of Clinprost. Organic Letters, 2020, 22, 9365-9370.	2.4	13
17	Evidence for an enolate mechanism in the asymmetric Michael reaction of $\beta,\beta$ -unsaturated aldehydes and ketones via a hybrid system of two secondary amine catalyts. Chemical Science, 2020, 11, 11293-11297.	3.7	18
18	Asymmetric Synthesis of Corey Lactone and Latanoprost. European Journal of Organic Chemistry, 2020, 2020, 6221-6227.	1.2	15

#	ARTICLE	IF	CITATIONS
19	Asymmetric One-pot Mukaiyama Michael/Michael Reaction Catalyzed by Diphenylprolinol Silyl Ether. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 5596-5600.	1.2	6
20	Asymmetric Michael Reaction of Aldehydes and $\alpha$ -Cyano $\alpha,\beta$ -Unsaturated Esters Catalyzed by Diphenylprolinol Silyl Ether; a Facile Asymmetric Route to 3,4,5-Trisubstituted Piperidines. <i>ChemCatChem</i> , 2020, 12, 2412-2415.	1.8	3
21	Inversion of the Axial Information during Oxidative Aromatization in the Synthesis of Axially Chiral Biaryls with Organocatalysis as a Key Step. <i>Chemistry - A European Journal</i> , 2020, 26, 4436-4436.	1.7	0
22	One-pot Synthesis of Chiral <i>cis</i> -Hydrindanes via Diphenylprolinol Silyl Ether Mediated Domino Reaction and Aldol Condensation. <i>Chemistry Letters</i> , 2020, 49, 867-869.	0.7	10
23	Highly Enantioselective Access to <i>syn</i> - $\alpha,\beta$ -Dihydroxycarbonyl Building Blocks via Organocatalyst-mediated Aldol Reaction as a Key Step. <i>Chemistry Letters</i> , 2020, 49, 940-943.	0.7	3
24	Domino and one-pot syntheses of biologically active compounds using diphenylprolinol silyl ether. <i>Physical Sciences Reviews</i> , 2020, 5, .	0.8	2
25	Diarylprolinol-mediated Asymmetric Direct Cross-aldol Reaction of $\alpha,\beta$ -Unsaturated Aldehyde as an Electrophilic Aldehyde. <i>Chemistry - an Asian Journal</i> , 2019, 14, 4146-4149.	1.7	6
26	Asymmetric Michael Reaction of $\alpha$ -CF <sub>3</sub> Thioester and $\alpha,\beta$ -Unsaturated Aldehyde Catalyzed by Diphenylprolinol Silyl Ether. <i>Organic Letters</i> , 2019, 21, 5183-5186.	2.4	15
27	Asymmetric Synthesis of Biaryl Atropisomers Using an Organocatalyst-mediated Domino Reaction as the Key Step. <i>Chemistry - A European Journal</i> , 2019, 25, 10319-10322.	1.7	19
28	Domino Michael/Michael Reaction for the Formation of Chiral Spirocycles Using a Diphenylprolinol Silyl Ether. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 678-681.	1.2	6
29	Sterically Congested Ester Formation from $\alpha$ -Substituted Malononitrile and Alcohol by an Oxidative Method Using Molecular Oxygen. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 675-677.	1.2	17
30	Asymmetric Synthesis of Chiral 1,3-Dimethyl Units Through a Double Michael Reaction of Nitromethane and Crotonaldehyde Catalyzed by Diphenylprolinol Silyl Ether. <i>Synlett</i> , 2019, 30, 442-448.	1.0	1
31	Innenrücktitelbild: Direct Asymmetric Michael Reaction of $\alpha,\beta$ -Unsaturated Aldehydes and Ketones Catalyzed by Two Secondary Amine Catalysts ( <i>Angew. Chem.</i> 7/2018). <i>Angewandte Chemie</i> , 2018, 130, 2023-2023.	1.6	0
32	Enantio- and Diastereoselective Synthesis of Latanoprost using an Organocatalyst. <i>Chemistry - A European Journal</i> , 2018, 24, 8409-8414.	1.7	20
33	Prolinate Salt as a Catalyst in the <i>syn</i> -Selective, Asymmetric Mannich Reaction of Alkynyl Imine. <i>Organic Letters</i> , 2018, 20, 2391-2394.	2.4	27
34	Synthetic Studies on Presporolide, a Putative Eneidyne Precursor of Sporolides. <i>Organic Letters</i> , 2018, 20, 276-279.	2.4	3
35	Two-pot Synthesis of Chiral 1,3-diol through Asymmetric Organocatalytic Aldol and Wittig Reactions Followed by Domino Hemiacetal/Oxy-Michael Reactions. <i>Chemistry - A European Journal</i> , 2018, 24, 4909-4915.	1.7	24
36	Asymmetric Michael Reaction of Aldehyde and $\beta$ -Substituted $\alpha$ -Nitroacrylate Catalyzed by Diphenylprolinol Silyl Ether. <i>Chemistry Letters</i> , 2018, 47, 833-835.	0.7	5

#	ARTICLE	IF	CITATIONS
37	Direct Asymmetric Michael Reaction of $\alpha,\beta$ -Unsaturated Aldehydes and Ketones Catalyzed by Two Secondary Amine Catalysts. <i>Angewandte Chemie</i> , 2018, 130, 1976-1980.	1.6	9
38	Direct Asymmetric Michael Reaction of $\alpha,\beta$ -Unsaturated Aldehydes and Ketones Catalyzed by Two Secondary Amine Catalysts. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1958-1962.	7.2	38
39	Asymmetric Michael Reaction of Aldehydes and Dicyanoalkenes Catalyzed by Diphenylprolinol Silyl Ether. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 6843-6847.	1.2	5
40	Autoinductive conversion of $\alpha,\beta$ -diiodonitroalkanes to amides and esters catalysed by iodine byproducts under $O_2$ . <i>Chemical Communications</i> , 2018, 54, 6360-6363.	2.2	8
41	Total Synthesis of Estradiol Methyl Ether and Its Five-Pot Synthesis with an Organocatalyst. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 5629-5638.	1.2	24
42	Enantioselective Total Synthesis of Beraprost Using Organocatalyst. <i>Organic Letters</i> , 2017, 19, 1112-1115.	2.4	31
43	Pot Economy in the Total Synthesis of Estradiol Methyl Ether by Using an Organocatalyst. <i>Angewandte Chemie</i> , 2017, 129, 11974-11977.	1.6	12
44	Pot Economy in the Total Synthesis of Estradiol Methyl Ether by Using an Organocatalyst. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11812-11815.	7.2	50
45	Prolinate Salts as Catalysts for $\alpha$ -Aminoxylation of Aldehyde and Associated Mechanistic Insights. <i>Organic Letters</i> , 2017, 19, 4155-4158.	2.4	13
46	Sterically Demanding Oxidative Amidation of $\alpha$ -Substituted Malononitriles with Amines Using $O_2$ . <i>Angewandte Chemie</i> , 2016, 128, 9206-9210.	1.6	9
47	Sterically Demanding Oxidative Amidation of $\alpha$ -Substituted Malononitriles with Amines Using $O_2$ . <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9060-9064.	7.2	47
48	Total Synthesis of the 7,10-Epimer of the Proposed Structure of Amphidinolide N, Part II: Synthesis of C17-C29 Subunit and Completion of the Synthesis. <i>Chemistry - A European Journal</i> , 2016, 22, 3287-3291.	1.7	18
49	Asymmetric Aldol Reaction of Dichloroacetaldehyde Catalyzed by Diarylprolinol. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 2345-2351.	2.1	11
50	Enantioselective Total Synthesis of RQN-18690A (18-Deoxyherboxidiene). <i>Organic Letters</i> , 2016, 18, 3382-3385.	2.4	9
51	Time Economical Total Synthesis of (S)-Oseltamivir. <i>Organic Letters</i> , 2016, 18, 3426-3429.	2.4	66
52	Asymmetric Diels-Alder Reaction of $\alpha$ -Substituted and $\beta,\beta$ -Disubstituted $\alpha,\beta$ -Enals via Diarylprolinol Silyl Ether for the Construction of All-Carbon Quaternary Stereocenters. <i>Chemistry - A European Journal</i> , 2016, 22, 15874-15880.	1.7	10
53	Formal Synthesis of Ezetimibe Using a Proline-mediated, Asymmetric, Three-component Mannich Reaction. <i>Chemistry Letters</i> , 2016, 45, 30-32.	0.7	5
54	The DFT Calculation with NBO Analysis of $E/Z$ Enamines Derived from $\alpha$ -Alkoxyaldehyde with Pyrrolidine. <i>Bulletin of the Chemical Society of Japan</i> , 2016, 89, 455-459.	2.0	2

#	ARTICLE	IF	CITATIONS
55	Multistep Continuous-Flow Synthesis of (S)-Oseltamivir. <i>Synthesis</i> , 2016, 49, 424-428.	1.2	11
56	Mechanism of Oxidative Amidation of Nitroalkanes with Oxygen and Amine Nucleophiles by Using Electrophilic Iodine. <i>Chemistry - A European Journal</i> , 2016, 22, 5538-5542.	1.7	19
57	<sup>16</sup> O/ <sup>18</sup> O Exchange of Aldehydes and Ketones caused by H <sub>2</sub> <sup>18</sup> O in the Mechanistic Investigation of Organocatalyzed Michael, Mannich, and Aldol Reactions. <i>Chemistry - A European Journal</i> , 2016, 22, 5868-5872.	1.7	11
58	Total Synthesis of the 7,10-Epimer of the Proposed Structure of Amphidinolide N, Part I: Synthesis of the C1-C13 Subunit. <i>Chemistry - A European Journal</i> , 2016, 22, 3282-3286.	1.7	15
59	One-Pot Synthesis of (S)-Baclofen via Aldol Condensation of Acetaldehyde with Diphenylprolinol Silyl Ether Mediated Asymmetric Michael Reaction as a Key Step. <i>Organic Letters</i> , 2016, 18, 4-7.	2.4	44
60	Pot economy and one-pot synthesis. <i>Chemical Science</i> , 2016, 7, 866-880.	3.7	807
61	Total synthesis of avermectin B1a revisited. <i>Journal of Antibiotics</i> , 2016, 69, 31-50.	1.0	22
62	Asymmetric Aldol Reaction of Chloral Catalyzed by Diarylprolinol. <i>ChemCatChem</i> , 2015, 7, 1646-1649.	1.8	12
63	Asymmetric Nitrocyclopropanation of $\alpha$ -Substituted $\beta$ -Enals Catalyzed by Diphenylprolinol Silyl Ether for the Construction of All-Carbon Quaternary Stereogenic Centers. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 5747-5754.	1.2	12
64	Oxidative Amidation of Nitroalkanes with Amine Nucleophiles using Molecular Oxygen and Iodine. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12986-12990.	7.2	55
65	Asymmetric Aldol Reaction of $\alpha,\beta$ -Disubstituted Acetaldehydes Catalyzed by Diphenylprolinol Silyl Ether for the Construction of Quaternary Stereogenic Centers. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 4316-4319.	1.2	10
66	Total Synthesis of Limonin. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8538-8541.	7.2	75
67	Two Reaction Mechanisms via Iminium Ion Intermediates: The Different Reactivities of Diphenylprolinol Silyl Ether and Trifluoromethyl-Substituted Diarylprolinol Silyl Ether. <i>Chemistry - A European Journal</i> , 2015, 21, 12337-12346.	1.7	46
68	Asymmetric Formal [3+2] Cycloaddition Reaction of Succinaldehyde and Nitroalkene Catalyzed by Diphenylprolinol Silyl Ether. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 4320-4324.	1.2	11
69	Asymmetric Organocatalyzed Epoxidation of $\alpha,\beta$ -Unsaturated Aldehydes. <i>ChemCatChem</i> , 2015, 7, 155-159.	1.8	18
70	The Asymmetric Catalytic Mannich Reaction Catalyzed by Organocatalyst $\beta$ ; A Personal Account $\beta$ . <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2014, 72, 1228-1238.	0.0	13
71	A Theoretical and Experimental Study of the Effects of Silyl Substituents in Enantioselective Reactions Catalyzed by Diphenylprolinol Silyl Ether. <i>Chemistry - A European Journal</i> , 2014, 20, 17077-17088.	1.7	54
72	Nef Reaction with Molecular Oxygen in the Absence of Metal Additives, and Mechanistic Insights. <i>Chemistry - A European Journal</i> , 2014, 20, 15753-15759.	1.7	45

#	ARTICLE	IF	CITATIONS
73	Asymmetric Aldol Reaction of $\beta$ -Acetoxyimino Aldehydes and its Application in the Synthesis of Substituted 1,2-Oxazine Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 3106-3118.	2.1	5
74	Asymmetric Organocatalyzed Michael Addition of Nitromethane to a 2-Oxoindoline-3-ylidene Acetaldehyde and the Three One-Pot Sequential Synthesis of ( $\alpha$ )-Horsfiline and ( $\alpha$ )-Coerulescine. <i>Chemistry - A European Journal</i> , 2014, 20, 13583-13588.	1.7	57
75	Diphenylprolinol Silyl Ether Catalyzed Asymmetric Michael Reaction of Nitroalkanes and $\beta,\beta$ -Disubstituted $\beta,\beta$ -Unsaturated Aldehydes for the Construction of All-Carbon Quaternary Stereogenic Centers. <i>Chemistry - A European Journal</i> , 2014, 20, 12072-12082.	1.7	20
76	Asymmetric Aldol Reaction of Formaldehyde Catalyzed by Diarylprolinol. <i>Chemistry Letters</i> , 2014, 43, 556-558.	0.7	27
77	Solvent-mediated Tuning of the Regioselectivity of Intramolecular Diaryl Ether Formation: Total Synthesis of (+)-Aspercyclide C. <i>Chemistry Letters</i> , 2014, 43, 349-351.	0.7	1
78	Biomimetic Total Synthesis of Cyanosporaside Aglycons from a Single Enediyne Precursor through Site-Selective $\beta$ -Benzyne Hydrochlorination. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13902-13906.	7.2	31
79	Diarylprolinol in an Asymmetric, Direct Cross-Aldol Reaction with Alkynyl Aldehydes. <i>ChemCatChem</i> , 2013, 5, 2887-2892.	1.8	23
80	One-Pot Synthesis of ( $\alpha$ )-Oseltamivir and Mechanistic Insights into the Organocatalyzed Michael Reaction. <i>Chemistry - A European Journal</i> , 2013, 19, 17789-17800.	1.7	87
81	Remote 1,6-Stereocontrol by Iminium-mediated Organocatalytic Events. <i>ChemCatChem</i> , 2013, 5, 3499-3501.	1.8	56
82	Organocatalyst-mediated Dehydrogenation of Aldehydes to $\beta,\beta$ -Unsaturated Aldehydes, and Oxidative and Enantioselective Reaction of Aldehydes and Nitromethane Catalyzed by Diphenylprolinol Silyl Ether. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 3661-3669.	2.1	23
83	Pot Economy in the Synthesis of Prostaglandin <sub>1</sub> and E <sub>1</sub> Methyl Esters. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3450-3452.	7.2	106
84	Stoichiometric Reactions of Enamines Derived from Diphenylprolinol Silyl Ethers with Nitro Olefins and Lessons for the Corresponding Organocatalytic Conversions – a Survey. <i>Helvetica Chimica Acta</i> , 2013, 96, 799-852.	1.0	75
85	Asymmetric Aldol Reaction of Glyoxal Catalyzed by Diarylprolinol. <i>ChemCatChem</i> , 2013, 5, 2883-2885.	1.8	22
86	Asymmetric Mannich Reaction of $\beta$ -Keto Imines Catalyzed by Diarylprolinol Silyl Ether. <i>Chemistry - A European Journal</i> , 2013, 19, 7678-7681.	1.7	15
87	Asymmetric Formal [3 + 2] Cycloaddition Reaction of Succinaldehyde via Diarylprolinol-mediated Domino Aldol-Acetalization Reaction for the Construction of Tetrahydrofuran. <i>Chemistry Letters</i> , 2013, 42, 1294-1296.	0.7	14
88	Concise Synthesis of the Tetracyclic Framework of Azadiradione: Tandem Radical Cyclization Route. <i>Chemistry Letters</i> , 2013, 42, 220-221.	0.7	9
89	Diarylprolinol in an asymmetric aldol reaction of an $\beta$ -alkyl- $\beta$ -oxo aldehyde as an electrophile. <i>Chemical Communications</i> , 2012, 48, 4570.	2.2	31
90	Organocatalytic 1,4-Addition Reaction of $\beta,\beta$ -Unsaturated Aldehydes versus 1,6-Addition Reaction. <i>ChemCatChem</i> , 2012, 4, 959-962.	1.8	52

#	ARTICLE	IF	CITATIONS
91	Flowing and Vibrant Organocatalysis. <i>ChemCatChem</i> , 2012, 4, 887-889.	1.8	2
92	Organocatalytic, Enantioselective Intramolecular [6 + 2] Cycloaddition Reaction for the Formation of Tricyclopentanoids and Insight on Its Mechanism from a Computational Study. <i>Journal of the American Chemical Society</i> , 2011, 133, 20175-20185.	6.6	66
93	Synthesis of (S)-Oseltamivir by Using a Microreactor in the Curtius Rearrangement. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 6020-6031.	1.2	49
94	Organocatalyzed Michael Addition of Aldehydes to Nitro Alkenes – Generally Accepted Mechanism Revisited and Revised. <i>Helvetica Chimica Acta</i> , 2011, 94, 719-745.	1.0	185
95	One-Pot Synthesis of Chiral Substituted Epoxy Aldehyde Derivatives through an Asymmetric Aldol Reaction of Chloroacetaldehyde. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2804-2807.	7.2	52
96	One-Pot High-Yielding Synthesis of the DPP4-Selective Inhibitor ABT-341 by a Four-Component Coupling Mediated by a Diphenylprolinol Silyl Ether. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2824-2827.	7.2	112
97	Oxidative and Enantioselective Cross-Coupling of Aldehydes and Nitromethane Catalyzed by Diphenylprolinol Silyl Ether. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 3920-3924.	7.2	132
98	Inside Cover: One-Pot High-Yielding Synthesis of the DPP4-Selective Inhibitor ABT-341 by a Four-Component Coupling Mediated by a Diphenylprolinol Silyl Ether ( <i>Angew. Chem. Int. Ed.</i> 12/2011). <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2650-2650.	7.2	1
99	Asymmetric Mannich Reaction of Imines Derived from Aliphatic and Aromatic Aldehydes Catalyzed by Diarylprolinol Silyl Ether. <i>Chemistry - A European Journal</i> , 2011, 17, 8273-8276.	1.7	27
100	One-Pot Synthesis of Chiral Aziridines by a Domino Reaction by Using Desulfonylative Formation on the N-Tosyl Imine of Chloroacetaldehyde with an Asymmetric Mannich Reaction as a Key Step. <i>Chemistry - A European Journal</i> , 2011, 17, 11715-11718.	1.7	25
101	Diarylprolinol in the Direct Asymmetric Aldol Reaction of Trifluoromethylacetaldehyde Ethyl Hemiacetal with Aldehyde. <i>Synlett</i> , 2011, 2011, 485-488.	1.0	30
102	Formal Total Synthesis of Fostriecin by 1,4-Asymmetric Induction with an Alkyne-Cobalt Complex. <i>Chemistry - A European Journal</i> , 2010, 16, 10150-10159.	1.7	39
103	High-Yielding Synthesis of the Anti-Influenza Neuraminidase Inhibitor (S)-Oseltamivir by Two One-Pot Sequences. <i>Chemistry - A European Journal</i> , 2010, 16, 12616-12626.	1.7	138
104	One-pot synthesis of chiral bicyclo[3.3.0]octatrienes using diphenylprolinol silyl ether-mediated enyne-type reaction. <i>Tetrahedron</i> , 2010, 66, 4894-4899.	1.0	23
105	Asymmetric Epoxidation of $\alpha$ -Substituted Acroleins Catalyzed by Diphenylprolinol Silyl Ether. <i>Organic Letters</i> , 2010, 12, 5434-5437.	2.4	60
106	Polymeric Ethyl Glyoxylate in an Asymmetric Aldol Reaction Catalyzed by Diarylprolinol. <i>Organic Letters</i> , 2010, 12, 2966-2969.	2.4	78
107	Structures of the Reactive Intermediates in Organocatalysis with Diarylprolinol Ethers. <i>Helvetica Chimica Acta</i> , 2009, 92, 1225-1259.	1.0	157
108	High-Yielding Synthesis of the Anti-Influenza Neuramidase Inhibitor (S)-Oseltamivir by Three One-Pot Operations. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 1304-1307.	7.2	355

#	ARTICLE	IF	CITATIONS
109	Total synthesis and determination of the absolute configuration of FD-838, a naturally occurring azaspirobicyclic product. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 3863-3865.	1.0	20
110	Diphenylprolinol Silyl Ether as a Catalyst in an Enantioselective, Catalytic Michael Reaction for the Formation of $\beta,\beta$ -Disubstituted $\alpha$ -Amino Acid Derivatives. <i>Chemistry - an Asian Journal</i> , 2009, 4, 246-249.	1.7	59
111	Diphenylprolinol Silyl Ether Catalysis in an Asymmetric Formal Carbo [3 + 3] Cycloaddition Reaction via a Domino Michael/Knoevenagel Condensation. <i>Organic Letters</i> , 2009, 11, 45-48.	2.4	115
112	Diphenylprolinol Silyl Ether as a Catalyst in an Asymmetric, Catalytic, and Direct Michael Reaction of Nitroethanol with $\beta,\beta$ -Unsaturated Aldehydes. <i>Organic Letters</i> , 2009, 11, 4056-4059.	2.4	54
113	Asymmetric Aldol Reaction of Acetaldehyde and Isatin Derivatives for the Total Syntheses of <i>Convolutamydin</i> E and CPC-1 and a Half Fragment of Madindoline A and B. <i>Organic Letters</i> , 2009, 11, 3854-3857.	2.4	207
114	Diphenylprolinol silyl ether as a catalyst in an asymmetric, catalytic and direct $\beta$ -benzyloxylation of aldehydes. <i>Chemical Communications</i> , 2009, , 3083.	2.2	71
115	A Diarylprolinol in an Asymmetric, Catalytic, and Direct Crossed Aldol Reaction of Acetaldehyde. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2082-2084.	7.2	194
116	Diphenylprolinol Silyl Ether as a Catalyst in an Enantioselective, Catalytic, Formal Aza [3+3] Cycloaddition Reaction for the Formation of Enantioenriched Piperidines. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4012-4015.	7.2	118
117	Asymmetric Michael Reaction of Acetaldehyde Catalyzed by Diphenylprolinol Silyl Ether. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4722-4724.	7.2	213
118	Asymmetric Diels Alder Reactions of $\beta,\beta$ -Unsaturated Aldehydes Catalyzed by a Diarylprolinol Silyl Ether Salt in the Presence of Water. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 6634-6637.	7.2	159
119	Direct Organocatalytic Mannich Reaction of Acetaldehyde: An Improved Catalyst and Mechanistic Insight from a Computational Study. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9053-9058.	7.2	100
120	The Asymmetric Total Synthesis of (+)-Cytotrienin A, an Ansamycin Type Anticancer Drug. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 6657-6660.	7.2	51
121	Direct Asymmetric $\alpha$ -Amination of Cyclic Ketones Catalyzed by Siloxyproline. <i>Chemistry - an Asian Journal</i> , 2008, 3, 225-232.	1.7	39
122	Organic Solvent-Free, Enantio- and Diastereoselective, Direct Mannich Reaction in the Presence of Water. <i>Organic Letters</i> , 2008, 10, 21-24.	2.4	123
123	Asymmetric, Catalytic, and Direct Self-Aldol Reaction of Acetaldehyde Catalyzed by Diarylprolinol. <i>Organic Letters</i> , 2008, 10, 5581-5583.	2.4	74
124	Formal Total Synthesis of Fostriecin via 1,4-Asymmetric Induction Using Cobalt-Alkyne Complex. <i>Organic Letters</i> , 2008, 10, 1405-1408.	2.4	34
125	Hydroxylation, Epoxidation and Related Reactions. , 2007, , 193-254.		0
126	Organocatalyst-Mediated Enantioselective Intramolecular Aldol Reaction Featuring the Rare Combination of Aldehyde as Nucleophile and Ketone as Electrophile. <i>Journal of Organic Chemistry</i> , 2007, 72, 6493-6499.	1.7	51



#	ARTICLE	IF	CITATIONS
127	Dry and wet prolines for asymmetric organic solvent-free aldehyde→aldehyde and aldehyde→ketone aldol reactions. <i>Chemical Communications</i> , 2007, , 957-959.	2.2	115
128	Diarylprolinol Silyl Ether as Catalyst of anexo-Selective, Enantioselective Diels→Alder Reaction. <i>Organic Letters</i> , 2007, 9, 2859-2862.	2.4	134
129	Diphenylprolinol Silyl Ether as a Catalyst in an Enantioselective, Catalytic, Tandem Michael/Henry Reaction for the Control of Four Stereocenters. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 4922-4925.	7.2	238
130	Chemistry of Epoxyquinols A, B, and C and Epoxytwinol A. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 3783-3800.	1.2	31
131	L-Proline-catalyzed enantioselective one-pot cross-Mannich reaction of aldehydes. <i>Nature Protocols</i> , 2007, 2, 113-118.	5.5	24
132	Diphenylprolinol Silyl Ether as Catalyst of an Asymmetric, Catalytic, and Direct Michael Reaction of Nitroalkanes with $\alpha,\beta$ -Unsaturated Aldehydes. <i>Organic Letters</i> , 2007, 9, 5307-5309.	2.4	238
133	Highly Diastereo- and Enantioselective Direct Aldol Reactions in Water. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 958-961.	7.2	455
134	Combined Proline→Surfactant Organocatalyst for the Highly Diastereo- and Enantioselective Aqueous Direct Cross-Aldol Reaction of Aldehydes. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 5527-5529.	7.2	287
135	Large Nonlinear Effect Observed in the Enantiomeric Excess of Proline in Solution and That in the Solid State. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 4593-4597.	7.2	111
136	Enantioselective Ene Reaction of Cyclopentadiene and $\alpha,\beta$ -Enals Catalyzed by a Diphenylprolinol Silyl Ether. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 6853-6856.	7.2	117
137	In Water or in the Presence of Water?. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 8103-8104.	7.2	393
138	Diphenylprolinol Silyl Ethers as Efficient Organocatalysts for the Asymmetric Michael Reaction of Aldehydes and Nitroalkenes. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 4212-4215.	7.2	1,177
139	The Direct, Enantioselective, One-Pot, Three-Component, Cross-Mannich Reaction of Aldehydes: The Reason for the Higher Reactivity of Aldimine versus Aldehyde in Proline-Mediated Mannich and Aldol Reactions. <i>Advanced Synthesis and Catalysis</i> , 2005, 347, 1595-1604.	2.1	44
140	Cysteine-Derived Organocatalyst in a Highly Enantioselective Intramolecular Michael Reaction. <i>Journal of the American Chemical Society</i> , 2005, 127, 16028-16029.	6.6	218
141	First Asymmetric Total Synthesis of Synerazol, an Antifungal Antibiotic, and Determination of Its Absolute Stereochemistry. <i>Journal of Organic Chemistry</i> , 2005, 70, 5643-5654.	1.7	35
142	Direct Proline-Catalyzed Asymmetric $\alpha$ -Aminoxylation of Ketones. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 1112-1115.	7.2	263
143	The Chiral Diamine Mediated Asymmetric Baylis→Hillman Reaction. <i>Advanced Synthesis and Catalysis</i> , 2004, 346, 1106-1110.	2.1	47
144	A Highly Active 4-Siloxyproline Catalyst for Asymmetric Synthesis. <i>Advanced Synthesis and Catalysis</i> , 2004, 346, 1435-1439.	2.1	125

#	ARTICLE	IF	CITATIONS
145	Direct Proline-Catalyzed Asymmetric $\alpha$ -Aminoxylation of Aldehydes and Ketones. <i>Journal of Organic Chemistry</i> , 2004, 69, 5966-5973.	1.7	145
146	The Direct and Enantioselective, One-Pot, Three-Component, Cross-Mannich Reaction of Aldehydes. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 3677-3680.	7.2	289
147	Direct proline catalyzed asymmetric $\alpha$ -aminoxylation of aldehydes. <i>Tetrahedron Letters</i> , 2003, 44, 8293-8296.	0.7	308
148	Asymmetric Total Synthesis of Pseurotin A. <i>Organic Letters</i> , 2003, 5, 2287-2290.	2.4	54
149	Application of High Pressure Induced by Water-Freezing to the Direct Catalytic Asymmetric Three-Component List $\alpha$ -Barbas $\alpha$ -Mannich Reaction. <i>Journal of the American Chemical Society</i> , 2003, 125, 11208-11209.	6.6	133
150	Asymmetric Total Synthesis of ( $\beta$ )-Azaspiroene, a Novel Angiogenesis Inhibitor. <i>Journal of the American Chemical Society</i> , 2002, 124, 12078-12079.	6.6	71
151	Diastereoselective Total Synthesis of Both Enantiomers of Epolactaene. <i>Journal of Organic Chemistry</i> , 2002, 67, 9443-9448.	1.7	52
152	New Method for Oxidative Carbon-carbon Bond Formation by the Reaction of Allyl Ethers, 2,3-Dichloro-5,6-dicyano-p-benzoquinone(DDQ) and Silyl Carbon Nucleophiles. <i>Chemistry Letters</i> , 1987, 16, 1811-1814.	0.7	50
153	Catalytic Asymmetric Diels-Alder Reactions. , 0, , 5-55.		18
154	Highlights of Hydrogen Bonding in Total Synthesis. , 0, , 353-371.		2
155	Synthesis of Bicyclo[2.2.2]octanes with a Quaternary Bridgehead Carbon by Diphenylprolinol Silyl Ether $\alpha$ -mediated Domino Reaction. <i>Asian Journal of Organic Chemistry</i> , 0, , .	1.3	1
156	Catalytic Asymmetric Michael Reaction of Methyl Alkynyl Ketone Catalyzed by Diphenylprolinol Silyl Ether. <i>ACS Organic &amp; Inorganic Au</i> , 0, , .	1.9	2
157	Diarylprolinol with Trifluoromethyl Substituents and Diphenylprolinol $\alpha$ -Derived Perfluoroalkanesulfonamide as Organocatalysts in the Cross $\alpha$ -Aldol Reaction of Aldehydes. <i>Advanced Synthesis and Catalysis</i> , 0, , .	2.1	2
158	Asymmetric Michael reaction of malononitrile and $\alpha,\beta$ -unsaturated aldehydes catalyzed by diarylprolinol silyl ether. <i>Synlett</i> , 0, 0, .	1.0	2