

Yujiro Hayashi

List of Publications by Year in descending order

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158
papers

13,308
citations

26630

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23533

111
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209
all docs

209
docs citations

209
times ranked

6048
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	13.8	1,177
2	Pot economy and one-pot synthesis. <i>Chemical Science</i> , 2016, 7, 866-880.	7.4	807
3	Highly Diastereo- and Enantioselective Direct Aldol Reactions in Water. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 958-961.	13.8	455
4	In Water or in the Presence of Water?. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 8103-8104.	13.8	393
5	High-yielding Synthesis of the Anti-Influenza Neuramidase Inhibitor (âˆ“)â€šOsetamivir by Three â€œOneâ€šPotâ€š Operations. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 1304-1307.	13.8	355
6	Direct proline catalyzed asymmetric $\hat{\pm}$ -aminooxylation of aldehydes. <i>Tetrahedron Letters</i> , 2003, 44, 8293-8296.	1.4	308
7	The Direct and Enantioselective, One-Pot, Three-Component, Cross-Mannich Reaction of Aldehydes. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 3677-3680.	13.8	289
8	Combined Prolineâ€šSurfactant Organocatalyst for the Highly Diastereo- and Enantioselective Aqueous Direct Cross-Aldol Reaction of Aldehydes. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 5527-5529.	13.8	287
9	Direct Proline-Catalyzed Asymmetric $\hat{\pm}$ -Aminooxylation of Ketones. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 1112-1115.	13.8	263
10	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.	13.8	238
11	Diphenylprolinol Silyl Ether as Catalyst of an Asymmetric, Catalytic, and Direct Michael Reaction of Nitroalkanes with $\hat{\pm}$, $\hat{1}^2$ -Unsaturated Aldehydes. <i>Organic Letters</i> , 2007, 9, 5307-5309.	4.6	238
12	Cysteine-Derived Organocatalyst in a Highly Enantioselective Intramolecular Michael Reaction. <i>Journal of the American Chemical Society</i> , 2005, 127, 16028-16029.	13.7	218
13	Asymmetric Michael Reaction of Acetaldehyde Catalyzed by Diphenylprolinol Silyl Ether. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4722-4724.	13.8	213
14	Asymmetric Aldol Reaction of Acetaldehyde and Isatin Derivatives for the Total Syntheses of <i>ent</i> -Convolutamydine E and CPC-1 and a Half Fragment of Madindoline A and B. <i>Organic Letters</i> , 2009, 11, 3854-3857.	4.6	207
15	A Diarylprolinol in an Asymmetric, Catalytic, and Direct Crossed-Aldol Reaction of Acetaldehyde. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2082-2084.	13.8	194
16	Organocatalyzed <i>Michael</i> Addition of Aldehydes to Nitro Alkenes â€šGenerally Accepted Mechanism Revisited and Revised. <i>Helvetica Chimica Acta</i> , 2011, 94, 719-745.	1.6	185
17	Asymmetric Diels-Alder Reactions of $\hat{\pm}$, $\hat{1}^2$ -Unsaturated Aldehydes Catalyzed by a Diarylprolinol Silyl Ether Salt in the Presence of Water. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 6634-6637.	13.8	159
18	Structures of the Reactive Intermediates in Organocatalysis with Diarylprolinol Ethers. <i>Helvetica Chimica Acta</i> , 2009, 92, 1225-1259.	1.6	157

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19	Direct Proline-Catalyzed Asymmetric $\hat{\pm}$ -Aminoxylation of Aldehydes and Ketones. <i>Journal of Organic Chemistry</i> , 2004, 69, 5966-5973.	3.2	145
20	High-Yielding Synthesis of the Anti-Influenza Neuraminidase Inhibitor ($\hat{\pm}$) Oseltamivir by Two $\hat{\pm}$ -One-Pot $\hat{\pm}$ Sequences. <i>Chemistry - A European Journal</i> , 2010, 16, 12616-12626.	3.3	138
21	Diarylprolinol Silyl Ether as Catalyst of anexo-Selective, Enantioselective Diels-Alder Reaction. <i>Organic Letters</i> , 2007, 9, 2859-2862.	4.6	134
22	Application of High Pressure Induced by Water-Freezing to the Direct Catalytic Asymmetric Three-Component List-Barbas-Mannich Reaction. <i>Journal of the American Chemical Society</i> , 2003, 125, 11208-11209.	13.7	133
23	Oxidative and Enantioselective Cross-Coupling of Aldehydes and Nitromethane Catalyzed by Diphenylprolinol Silyl Ether. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 3920-3924.	13.8	132
24	A Highly Active 4-Siloxypoline Catalyst for Asymmetric Synthesis. <i>Advanced Synthesis and Catalysis</i> , 2004, 346, 1435-1439.	4.3	125
25	Organic Solvent-Free, Enantio- and Diastereoselective, Direct Mannich Reaction in the Presence of Water. <i>Organic Letters</i> , 2008, 10, 21-24.	4.6	123
26	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.	13.8	118
27	Enantioselective Ene Reaction of Cyclopentadiene and $\hat{\pm}$, $\hat{\pm}$ -Enals Catalyzed by a Diphenylprolinol Silyl Ether. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 6853-6856.	13.8	117
28	Dry and wet prolines for asymmetric organic solvent-free aldehyde-aldehyde and aldehyde-ketone aldol reactions. <i>Chemical Communications</i> , 2007, , 957-959.	4.1	115
29	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.	4.6	115
30	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.	13.8	112
31	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.	13.8	111
32	Pot Economy in the Synthesis of Prostaglandin ₁ and E ₁ Methyl Esters. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3450-3452.	13.8	106
33	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.	13.8	100
34	One-Pot Synthesis of ($\hat{\pm}$) Oseltamivir and Mechanistic Insights into the Organocatalyzed Michael Reaction. <i>Chemistry - A European Journal</i> , 2013, 19, 17789-17800.	3.3	87
35	Time Economy in Total Synthesis. <i>Journal of Organic Chemistry</i> , 2021, 86, 1-23.	3.2	85
36	Polymeric Ethyl Glyoxylate in an Asymmetric Aldol Reaction Catalyzed by Diarylprolinol. <i>Organic Letters</i> , 2010, 12, 2966-2969.	4.6	78

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37	Time and Pot Economy in Total Synthesis. <i>Accounts of Chemical Research</i> , 2021, 54, 1385-1398.	15.6	77
38	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.	1.6	75
39	Total Synthesis of Limonin. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8538-8541.	13.8	75
40	Asymmetric, Catalytic, and Direct Self-Aldol Reaction of Acetaldehyde Catalyzed by Diarylprolinol. <i>Organic Letters</i> , 2008, 10, 5581-5583.	4.6	74
41	Asymmetric Total Synthesis of (âˆ™)-Azaspiroene, a Novel Angiogenesis Inhibitor. <i>Journal of the American Chemical Society</i> , 2002, 124, 12078-12079.	13.7	71
42	Diphenylprolinol silyl ether as a catalyst in an asymmetric, catalytic and direct α -benzoyloxylation of aldehydes. <i>Chemical Communications</i> , 2009, , 3083.	4.1	71
43	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.	13.7	66
44	Time Economical Total Synthesis of (âˆ™)-Oseltamivir. <i>Organic Letters</i> , 2016, 18, 3426-3429.	4.6	66
45	Asymmetric Epoxidation of α -Substituted Acroleins Catalyzed by Diphenylprolinol Silyl Ether. <i>Organic Letters</i> , 2010, 12, 5434-5437.	4.6	60
46	Diphenylprolinol Silyl Ether as a Catalyst in an Enantioselective, Catalytic Michael Reaction for the Formation of α,β -Disubstituted α -Amino Acid Derivatives. <i>Chemistry - An Asian Journal</i> , 2009, 4, 246-249.	3.3	59
47	Asymmetric Organocatalyzed Michael Addition of Nitromethane to a 2-Oxoindoline β -ylidene Acetaldehyde and the Three One-Pot Sequential Synthesis of (âˆ™)-Horsfiline and (âˆ™)-Coerulescine. <i>Chemistry - A European Journal</i> , 2014, 20, 13583-13588.	3.3	57
48	Remote 1,6-Stereocontrol by Iminium-Mediated Organocatalytic Events. <i>ChemCatChem</i> , 2013, 5, 3499-3501.	3.7	56
49	Oxidative Amidation of Nitroalkanes with Amine Nucleophiles using Molecular Oxygen and Iodine. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12986-12990.	13.8	55
50	Asymmetric Total Synthesis of Pseurotin A. <i>Organic Letters</i> , 2003, 5, 2287-2290.	4.6	54
51	Diphenylprolinol Silyl Ether as a Catalyst in an Asymmetric, Catalytic, and Direct Michael Reaction of Nitroethanol with α,β -Unsaturated Aldehydes. <i>Organic Letters</i> , 2009, 11, 4056-4059.	4.6	54
52	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.	3.3	54
53	Diastereoselective Total Synthesis of Both Enantiomers of Epolactaene. <i>Journal of Organic Chemistry</i> , 2002, 67, 9443-9448.	3.2	52
54	One-Pot Synthesis of Chiral α -Substituted β,β -Epoxy Aldehyde Derivatives through an Asymmetric Aldol Reaction of Chloroacetaldehyde. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2804-2807.	13.8	52

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55	Organocatalytic 1,4-Addition Reaction of α,β -Unsaturated Aldehydes versus 1,6-Addition Reaction. <i>ChemCatChem</i> , 2012, 4, 959-962.	3.7	52
56	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.	3.2	51
57	The Asymmetric Total Synthesis of (+)-Cytotrienin A, an Ansamycin-Type Anticancer Drug. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 6657-6660.	13.8	51
58	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.	1.3	50
59	Pot Economy in the Total Synthesis of Estradiol Methyl Ether by Using an Organocatalyst. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11812-11815.	13.8	50
60	Synthesis of (S)-Oseltamivir by Using a Microreactor in the Curtius Rearrangement. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 6020-6031.	2.4	49
61	Pot and time economies in the total synthesis of Corey lactone. <i>Chemical Science</i> , 2020, 11, 1205-1209.	7.4	48
62	The Chiral Diamine Mediated Asymmetric Baylis-Hillman Reaction. <i>Advanced Synthesis and Catalysis</i> , 2004, 346, 1106-1110.	4.3	47
63	Sterically Demanding Oxidative Amidation of α -Substituted Malonitriles with Amines Using O_2 . <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9060-9064.	13.8	47
64	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.	3.3	46
65	Nef Reaction with Molecular Oxygen in the Absence of Metal Additives, and Mechanistic Insights. <i>Chemistry - A European Journal</i> , 2014, 20, 15753-15759.	3.3	45
66	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.	4.3	44
67	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.	4.6	44
68	Direct Asymmetric α -Amination of Cyclic Ketones Catalyzed by Siloxyproline. <i>Chemistry - an Asian Journal</i> , 2008, 3, 225-232.	3.3	39
69	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.	3.3	39
70	Direct Asymmetric Michael Reaction of α,β -Unsaturated Aldehydes and Ketones Catalyzed by Two Secondary Amine Catalysts. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1958-1962.	13.8	38
71	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.	3.2	35
72	Formal Total Synthesis of Fostriecin via 1,4-Asymmetric Induction Using Cobalt-Alkyne Complex. <i>Organic Letters</i> , 2008, 10, 1405-1408.	4.6	34

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73	Chemistry of Epoxyquinols A, B, and C and Epoxytwinol A. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 3783-3800.	2.4	31
74	Diarylprolinol in an asymmetric aldol reaction of an α -alkyl- α -oxo aldehyde as an electrophile. <i>Chemical Communications</i> , 2012, 48, 4570.	4.1	31
75	Biomimetic Total Synthesis of Cyanosporaside Aglycons from a Single Enediyne Precursor through Site-Selective <i>ip</i> -Benzene Hydrochlorination. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13902-13906.	13.8	31
76	Enantioselective Total Synthesis of Beraprost Using Organocatalyst. <i>Organic Letters</i> , 2017, 19, 1112-1115.	4.6	31
77	Diarylprolinol in the Direct Asymmetric Aldol Reaction of Trifluoromethylacetaldehyde Ethyl Hemiacetal with Aldehyde. <i>Synlett</i> , 2011, 2011, 485-488.	1.8	30
78	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.	3.3	27
79	Asymmetric Aldol Reaction of Formaldehyde Catalyzed by Diarylprolinol. <i>Chemistry Letters</i> , 2014, 43, 556-558.	1.3	27
80	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.	4.6	27
81	One-Pot Synthesis of Chiral Aziridines by a Domino Reaction by Using Desulfonylative Formation on the <i>N</i> -Tosyl Imine of Chloroacetaldehyde with an Asymmetric Mannich Reaction as a Key Step. <i>Chemistry - A European Journal</i> , 2011, 17, 11715-11718.	3.3	25
82	L-Proline-catalyzed enantioselective one-pot cross-Mannich reaction of aldehydes. <i>Nature Protocols</i> , 2007, 2, 113-118.	12.0	24
83	Two-Pot Synthesis of Chiral 1,3- <i>syn</i> -Diols through Asymmetric Organocatalytic Aldol and Wittig Reactions Followed by Domino Hemiacetal/Oxy-Michael Reactions. <i>Chemistry - A European Journal</i> , 2018, 24, 4909-4915.	3.3	24
84	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.	2.4	24
85	One-pot synthesis of chiral bicyclo[3.3.0]octatrienes using diphenylprolinol silyl ether-mediated ene-type reaction. <i>Tetrahedron</i> , 2010, 66, 4894-4899.	1.9	23
86	Diarylprolinol in an Asymmetric, Direct Cross- α -Aldol Reaction with Alkynyl Aldehydes. <i>ChemCatChem</i> , 2013, 5, 2887-2892.	3.7	23
87	Organocatalyst-Mediated Dehydrogenation of Aldehydes to α,β -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.	4.3	23
88	Asymmetric Aldol Reaction of Glyoxal Catalyzed by Diarylprolinol. <i>ChemCatChem</i> , 2013, 5, 2883-2885.	3.7	22
89	Total synthesis of avermectin B1a revisited. <i>Journal of Antibiotics</i> , 2016, 69, 31-50.	2.0	22
90	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.	2.2	20

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91	Diphenylprolinol Silyl Ether Catalyzed Asymmetric Michael Reaction of Nitroalkanes and β,β -Disubstituted α,β -Unsaturated Aldehydes for the Construction of All-Carbon Quaternary Stereogenic Centers. <i>Chemistry - A European Journal</i> , 2014, 20, 12072-12082.	3.3	20
92	Enantio- and Diastereoselective Synthesis of Latanoprost using an Organocatalyst. <i>Chemistry - A European Journal</i> , 2018, 24, 8409-8414.	3.3	20
93	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.	3.3	19
94	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.	3.3	19
95	Catalytic Asymmetric Diels-Alder Reactions. , 0, , 5-55.		18
96	Asymmetric Organocatalyzed Epoxidation of β -Cyanoindoline- α -Cyanide Acetaldehydes. <i>ChemCatChem</i> , 2015, 7, 155-159.	3.7	18
97	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.	3.3	18
98	Evidence for an enolate mechanism in the asymmetric Michael reaction of α,β -unsaturated aldehydes and ketones via a hybrid system of two secondary amine catalysts. <i>Chemical Science</i> , 2020, 11, 11293-11297.	7.4	18
99	Sterically Congested Ester Formation from α -Substituted Malononitrile and Alcohol by an Oxidative Method Using γ -Molecular Oxygen. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 675-677.	2.4	17
100	Asymmetric Mannich Reaction of α -Keto Imines Catalyzed by Diarylprolinol Silyl Ether. <i>Chemistry - A European Journal</i> , 2013, 19, 7678-7681.	3.3	15
101	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.	3.3	15
102	Asymmetric Michael Reaction of α -CF ₃ Thioester and α,β -Unsaturated Aldehyde Catalyzed by Diphenylprolinol Silyl Ether. <i>Organic Letters</i> , 2019, 21, 5183-5186.	4.6	15
103	Asymmetric Synthesis of Corey Lactone and Latanoprost. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 6221-6227.	2.4	15
104	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.	1.3	14
105	The Asymmetric Catalytic Mannich Reaction Catalyzed by Organocatalyst $\hat{\wedge}$; A Personal Account $\hat{\wedge}$; Yuki Gosei Kagaku Kyokaiishi/ <i>Journal of Synthetic Organic Chemistry</i> , 2014, 72, 1228-1238.	0.1	13
106	Prolinate Salts as Catalysts for α -Aminoxylation of Aldehyde and Associated Mechanistic Insights. <i>Organic Letters</i> , 2017, 19, 4155-4158.	4.6	13
107	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, 4524-4530.	3.3	13
108	Pot-Economical Total Synthesis of Clinprost. <i>Organic Letters</i> , 2020, 22, 9365-9370.	4.6	13

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109	Asymmetric Aldol Reaction of Chloral Catalyzed by Diarylprolinol. <i>ChemCatChem</i> , 2015, 7, 1646-1649.	3.7	12
110	Asymmetric Nitrocyclopropanation of α,β -Substituted α,β -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.	2.4	12
111	Pot Economy in the Total Synthesis of Estradiol Methyl Ether by Using an Organocatalyst. <i>Angewandte Chemie</i> , 2017, 129, 11974-11977.	2.0	12
112	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.	2.4	11
113	Asymmetric Aldol Reaction of Dichloroacetaldehyde Catalyzed by Diarylprolinol. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 2345-2351.	4.3	11
114	Multistep Continuous-Flow Synthesis of (α)-Oseltamivir. <i>Synthesis</i> , 2016, 49, 424-428.	2.3	11
115	$^{16}\text{O}/^{18}\text{O}$ Exchange of Aldehydes and Ketones caused by H_2 in the Mechanistic Investigation of Organocatalyzed Michael, Mannich, and Aldol Reactions. <i>Chemistry - A European Journal</i> , 2016, 22, 5868-5872.	3.3	11
116	Asymmetric Synthesis of Functionalized 9-Methyldecalins Using a Diphenylprolinol-Silyl-Ether-Mediated Domino Michael/Aldol Reaction. <i>Organic Letters</i> , 2021, 23, 6654-6658.	4.6	11
117	Asymmetric Aldol Reaction of α,β -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.	2.4	10
118	Asymmetric Diels-Alder Reaction of α,β -Substituted and α,β -Disubstituted α,β -Enals via Diarylprolinol Silyl Ether for the Construction of All-Carbon Quaternary Stereocenters. <i>Chemistry - A European Journal</i> , 2016, 22, 15874-15880.	3.3	10
119	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.	1.3	10
120	Concise Synthesis of the Tetracyclic Framework of Azadiradione: Tandem Radical Cyclization Route. <i>Chemistry Letters</i> , 2013, 42, 220-221.	1.3	9
121	Sterically Demanding Oxidative Amidation of α,β -Substituted Malononitriles with Amines Using O_2 . <i>Angewandte Chemie</i> , 2016, 128, 9206-9210.	2.0	9
122	Enantioselective Total Synthesis of RQN-18690A (18-Deoxyherboxidiene). <i>Organic Letters</i> , 2016, 18, 3382-3385.	4.6	9
123	Direct Asymmetric Michael Reaction of α,β -Unsaturated Aldehydes and Ketones Catalyzed by Two Secondary Amine Catalysts. <i>Angewandte Chemie</i> , 2018, 130, 1976-1980.	2.0	9
124	Three-Pot Synthesis of Chiral <i>anti</i> -1,3-diols through Asymmetric Organocatalytic Aldol and Wittig Reactions Followed by Epoxidation and Reductive Opening of the Epoxide. <i>Organic Letters</i> , 2021, 23, 5896-5900.	4.6	9
125	Halogen Bonding of <i>N</i> -Halosuccinimides with Amines and Effects of <i>Br</i> - π Acids in Quinuclidine-Catalyzed Halocyclizations. <i>Helvetica Chimica Acta</i> , 2021, 104, e2100080.	1.6	9
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#	ARTICLE	IF	CITATIONS
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128	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.	2.4	6
129	Asymmetric Oneâ€Pot Mukaiyama Michael/Michael Reaction Catalyzed by Diphenylprolinol Silyl Ether. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 5596-5600.	2.4	6
130	Oxidative peptide bond formation of glycineâ€amino acid using 2-(aminomethyl)malononitrile as a glycine unit. <i>Chemical Communications</i> , 2021, 57, 4283-4286.	4.1	6
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136	Asymmetric Domino Reaction of $\hat{1}\pm, \hat{1}^2$ -Unsaturated Aldehydes and $\hat{1}\pm$ -Acyl $\hat{1}\pm, \hat{1}^2$ -Unsaturated Cyclic Ketones Catalyzed by Diphenylprolinol Silyl Ether. <i>Organic Letters</i> , 2020, 22, 8603-8607.	4.6	5
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