

Yujiro Hayashi

List of Publications by Year in descending order

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158
papers

13,308
citations

26630

56
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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	Memories of Kan-san with Two Books. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2022, 80, 273-275.	0.1	0
2	Asymmetric Flow Reactions Catalyzed by Immobilized Diphenylprolinol Alkyl Ether: Michael Reaction and Domino Reactions. <i>Chemistry - an Asian Journal</i> , 2022, 17, e202200314.	3.3	3
3	Highly Sterically Hindered Peptide Bond Formation between β,β -Disubstituted β -Amino Acids and α -Alkyl Cysteines Using β,β -Disubstituted β -Amidionitrile. <i>Journal of the American Chemical Society</i> , 2022, 144, 10145-10150.	13.7	5
4	Time Economy in Total Synthesis. <i>Journal of Organic Chemistry</i> , 2021, 86, 1-23.	3.2	85
5	Oxidative peptide bond formation of glycine- α -amino acid using 2-(aminomethyl)malononitrile as a glycine unit. <i>Chemical Communications</i> , 2021, 57, 4283-4286.	4.1	6
6	Time and Pot Economy in Total Synthesis. <i>Accounts of Chemical Research</i> , 2021, 54, 1385-1398.	15.6	77
7	Direct Cyclopropanation of β -Cyano β -Aryl Alkanes by Light-Mediated Single Electron Transfer Between Donor-Acceptor Pairs. <i>Chemistry - A European Journal</i> , 2021, 27, 5901-5905.	3.3	6
8	Amphiphilic Immobilized Diphenylprolinol Alkyl Ether Catalyst on PS-PEG Resin. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 790-797.	3.2	3
9	Three-Pot Synthesis of Chiral α,β -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
10	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
11	Halogen Bonding of α -Halosuccinimides with Amines and Effects of β -Nitrated Acids in Quinuclidine-Catalyzed Halocyclizations. <i>Helvetica Chimica Acta</i> , 2021, 104, e2100080.	1.6	9
12	Enantiodivergent one-pot synthesis of axially chiral biaryls using organocatalyst-mediated enantioselective domino reaction and central-to-axial chirality conversion. <i>Chemistry - A European Journal</i> , 2021, 27, 15786-15794.	3.3	2
13	Pot and time economies in the total synthesis of Corey lactone. <i>Chemical Science</i> , 2020, 11, 1205-1209.	7.4	48
14	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
15	Asymmetric Domino Reaction of β,β -Unsaturated Aldehydes and β -Acyl β,β -Unsaturated Cyclic Ketones Catalyzed by Diphenylprolinol Silyl Ether. <i>Organic Letters</i> , 2020, 22, 8603-8607.	4.6	5
16	Pot-Economical Total Synthesis of Clinprost. <i>Organic Letters</i> , 2020, 22, 9365-9370.	4.6	13
17	Evidence for an enolate mechanism in the asymmetric Michael reaction of β,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
18	Asymmetric Synthesis of Corey Lactone and Latanoprost. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 6221-6227.	2.4	15

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19	Asymmetric One-pot Mukaiyama Michael/Michael Reaction Catalyzed by Diphenylprolinol Silyl Ether. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 5596-5600.	2.4	6
20	Asymmetric Michael Reaction of Aldehydes and α -Cyano α -Unsaturated Esters Catalyzed by Diphenylprolinol Silyl Ether; a Facile Asymmetric Route to 3,4,5-Trisubstituted Piperidines. <i>ChemCatChem</i> , 2020, 12, 2412-2415.	3.7	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.	3.3	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.	1.3	10
23	Highly Enantioselective Access to <i>syn</i> - α,β -Dihydroxycarbonyl Building Blocks via Organocatalyst-mediated Aldol Reaction as a Key Step. <i>Chemistry Letters</i> , 2020, 49, 940-943.	1.3	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 α -Unsaturated Aldehyde as an Electrophilic Aldehyde. <i>Chemistry - an Asian Journal</i> , 2019, 14, 4146-4149.	3.3	6
26	Asymmetric Michael Reaction of α -CF ₃ Thioester and α -Unsaturated Aldehyde Catalyzed by Diphenylprolinol Silyl Ether. <i>Organic Letters</i> , 2019, 21, 5183-5186.	4.6	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.	3.3	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.	2.4	6
29	Sterically Congested Ester Formation from α -Substituted Malononitrile and Alcohol by an Oxidative Method Using Molecular Oxygen. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 675-677.	2.4	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.	1.8	1
31	Innenrücktitelbild: Direct Asymmetric Michael Reaction of α -Unsaturated Aldehydes and Ketones Catalyzed by Two Secondary Amine Catalysts (<i>Angew. Chem.</i> 7/2018). <i>Angewandte Chemie</i> , 2018, 130, 2023-2023.	2.0	0
32	Enantio- and Diastereoselective Synthesis of Latanoprost using an Organocatalyst. <i>Chemistry - A European Journal</i> , 2018, 24, 8409-8414.	3.3	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.	4.6	27
34	Synthetic Studies on Presporolide, a Putative Eneidyne Precursor of Sporolides. <i>Organic Letters</i> , 2018, 20, 276-279.	4.6	3
35	Two-pot Synthesis of Chiral 1,3-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
36	Asymmetric Michael Reaction of Aldehyde and β -Substituted α -Nitroacrylate Catalyzed by Diphenylprolinol Silyl Ether. <i>Chemistry Letters</i> , 2018, 47, 833-835.	1.3	5

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37	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
38	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
39	Asymmetric Michael Reaction of Aldehydes and Dicyanoalkenes Catalyzed by Diphenylprolinol Silyl Ether. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 6843-6847.	2.4	5
40	Autoinductive conversion of α,β -diiodonitroalkanes to amides and esters catalysed by iodine byproducts under O_2 . <i>Chemical Communications</i> , 2018, 54, 6360-6363.	4.1	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.	2.4	24
42	Enantioselective Total Synthesis of Beraprost Using Organocatalyst. <i>Organic Letters</i> , 2017, 19, 1112-1115.	4.6	31
43	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
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.	13.8	50
45	Prolinate Salts as Catalysts for α -Aminoxylation of Aldehyde and Associated Mechanistic Insights. <i>Organic Letters</i> , 2017, 19, 4155-4158.	4.6	13
46	Sterically Demanding Oxidative Amidation of α -Substituted Malononitriles with Amines Using O_2 . <i>Angewandte Chemie</i> , 2016, 128, 9206-9210.	2.0	9
47	Sterically Demanding Oxidative Amidation of α -Substituted Malononitriles with Amines Using O_2 . <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9060-9064.	13.8	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.	3.3	18
49	Asymmetric Aldol Reaction of Dichloroacetaldehyde Catalyzed by Diarylprolinol. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 2345-2351.	4.3	11
50	Enantioselective Total Synthesis of RQN-18690A (18-Deoxyherboxidiene). <i>Organic Letters</i> , 2016, 18, 3382-3385.	4.6	9
51	Time Economical Total Synthesis of (S)-Oseltamivir. <i>Organic Letters</i> , 2016, 18, 3426-3429.	4.6	66
52	Asymmetric Diels-Alder Reaction of α -Substituted and β,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
53	Formal Synthesis of Ezetimibe Using a Proline-mediated, Asymmetric, Three-component Mannich Reaction. <i>Chemistry Letters</i> , 2016, 45, 30-32.	1.3	5
54	The DFT Calculation with NBO Analysis of E/Z Enamines Derived from α -Alkoxyaldehyde with Pyrrolidine. <i>Bulletin of the Chemical Society of Japan</i> , 2016, 89, 455-459.	3.2	2

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55	Multistep Continuous-Flow Synthesis of (S)-Oseltamivir. <i>Synthesis</i> , 2016, 49, 424-428.	2.3	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.	3.3	19
57	¹⁶ O/ ¹⁸ O Exchange of Aldehydes and Ketones caused by H ₂ / ¹⁸ O in the Mechanistic Investigation of Organocatalyzed Michael, Mannich, and Aldol Reactions. <i>Chemistry - A European Journal</i> , 2016, 22, 5868-5872.	3.3	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.	3.3	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.	4.6	44
60	Pot economy and one-pot synthesis. <i>Chemical Science</i> , 2016, 7, 866-880.	7.4	807
61	Total synthesis of avermectin B1a revisited. <i>Journal of Antibiotics</i> , 2016, 69, 31-50.	2.0	22
62	Asymmetric Aldol Reaction of Chloral Catalyzed by Diarylprolinol. <i>ChemCatChem</i> , 2015, 7, 1646-1649.	3.7	12
63	Asymmetric Nitrocyclopropanation of α -Substituted 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
64	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
65	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
66	Total Synthesis of Limonin. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8538-8541.	13.8	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.	3.3	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.	2.4	11
69	Asymmetric Organocatalyzed Epoxidation of β -Cyclidene Acetaldehydes. <i>ChemCatChem</i> , 2015, 7, 155-159.	3.7	18
70	The Asymmetric Catalytic Mannich Reaction Catalyzed by Organocatalyst β ; A Personal Account β . <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2014, 72, 1228-1238.	0.1	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.	3.3	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.	3.3	45

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73	Asymmetric Aldol Reaction of α -Acetoxyimino Aldehydes and its Application in the Synthesis of Substituted 1,2-Oxazine Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 3106-3118.	4.3	5
74	Asymmetric Organocatalyzed Michael Addition of Nitromethane to a 2-Oxoindoline-3-ylidene Acetaldehyde and the Three One-Pot Sequential Synthesis of (α)-Horsfiline and (α)-Coerulescine. <i>Chemistry - A European Journal</i> , 2014, 20, 13583-13588.	3.3	57
75	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
76	Asymmetric Aldol Reaction of Formaldehyde Catalyzed by Diarylprolinol. <i>Chemistry Letters</i> , 2014, 43, 556-558.	1.3	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.	1.3	1
78	Biomimetic Total Synthesis of Cyanosporaside Aglycons from a Single Enediyne Precursor through Site-Selective <i>ortho</i> -Benzyne Hydrochlorination. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13902-13906.	13.8	31
79	Diarylprolinol in an Asymmetric, Direct Cross-Aldol Reaction with Alkynyl Aldehydes. <i>ChemCatChem</i> , 2013, 5, 2887-2892.	3.7	23
80	One-Pot Synthesis of (α)-Oseltamivir and Mechanistic Insights into the Organocatalyzed Michael Reaction. <i>Chemistry - A European Journal</i> , 2013, 19, 17789-17800.	3.3	87
81	Remote 1,6-Stereocontrol by Iminium-mediated Organocatalytic Events. <i>ChemCatChem</i> , 2013, 5, 3499-3501.	3.7	56
82	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
83	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
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.	1.6	75
85	Asymmetric Aldol Reaction of Glyoxal Catalyzed by Diarylprolinol. <i>ChemCatChem</i> , 2013, 5, 2883-2885.	3.7	22
86	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
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.	1.3	14
88	Concise Synthesis of the Tetracyclic Framework of Azadiradione: Tandem Radical Cyclization Route. <i>Chemistry Letters</i> , 2013, 42, 220-221.	1.3	9
89	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
90	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

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91	Flowing and Vibrant Organocatalysis. <i>ChemCatChem</i> , 2012, 4, 887-889.	3.7	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.	13.7	66
93	Synthesis of (â€“)â€šOseltamivir by Using a Microreactor in the Curtius Rearrangement. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 6020-6031.	2.4	49
94	Organocatalyzed <i>Michael</i> Addition of Aldehydes to Nitro Alkenes â€“ Generally Accepted Mechanism Revisited and Revised. <i>Helvetica Chimica Acta</i> , 2011, 94, 719-745.	1.6	185
95	Oneâ€šPot Synthesis of Chiral Î±-Substituted Î²,Î³-Epoxy Aldehyde Derivatives through an Asymmetric Aldol Reaction of Chloroacetaldehyde. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2804-2807.	13.8	52
96	Oneâ€šPot Highâ€šYielding Synthesis of the DPP4â€šSelective Inhibitor ABTâ€š341 by a Fourâ€šComponent Coupling Mediated by a Diphenylprolinol Silyl Ether. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2824-2827.	13.8	112
97	Oxidative and Enantioselective Crossâ€šCoupling of Aldehydes and Nitromethane Catalyzed by Diphenylprolinol Silyl Ether. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 3920-3924.	13.8	132
98	Inside Cover: Oneâ€šPot Highâ€šYielding Synthesis of the DPP4â€šSelective Inhibitor ABTâ€š341 by a Fourâ€šComponent 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.	13.8	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.	3.3	27
100	Oneâ€šPot Synthesis of Chiral Aziridines by a Domino Reaction by Using Desulfonylative Formation on the <i>N</i>-â€šTosyl 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
101	Diarylprolinol in the Direct Asymmetric Aldol Reaction of Trifluoromethylacetaldehyde Ethyl Hemiacetal with Aldehyde. <i>Synlett</i> , 2011, 2011, 485-488.	1.8	30
102	Formal Total Synthesis of Fostriecin by 1,4â€šAsymmetric Induction with an Alkyneâ€šCobalt Complex. <i>Chemistry - A European Journal</i> , 2010, 16, 10150-10159.	3.3	39
103	Highâ€šYielding Synthesis of the Antiâ€šInfluenza Neuraminidase Inhibitor (â€“)â€šOseltamivir by Two â€šOneâ€šPotâ€šSequences. <i>Chemistry - A European Journal</i> , 2010, 16, 12616-12626.	3.3	138
104	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
105	Asymmetric Epoxidation of Î±-Substituted Acroleins Catalyzed by Diphenylprolinol Silyl Ether. <i>Organic Letters</i> , 2010, 12, 5434-5437.	4.6	60
106	Polymeric Ethyl Glyoxylate in an Asymmetric Aldol Reaction Catalyzed by Diarylprolinol. <i>Organic Letters</i> , 2010, 12, 2966-2969.	4.6	78
107	Structures of the Reactive Intermediates in Organocatalysis with Diarylprolinol Ethers. <i>Helvetica Chimica Acta</i> , 2009, 92, 1225-1259.	1.6	157
108	Highâ€šYielding Synthesis of the Antiâ€šInfluenza Neuramidase Inhibitor (â€“)â€šOseltamivir by Three â€šOneâ€šPotâ€šOperations. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 1304-1307.	13.8	355

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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.	2.2	20
110	Diphenylprolinol Silyl Ether as a Catalyst in an Enantioselective, Catalytic Michael Reaction for the Formation of β,β -Disubstituted α -Amino Acid Derivatives. <i>Chemistry - an Asian Journal</i> , 2009, 4, 246-249.	3.3	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.	4.6	115
112	Diphenylprolinol Silyl Ether as a Catalyst in an Asymmetric, Catalytic, and Direct Michael Reaction of Nitroethanol with β,β -Unsaturated Aldehydes. <i>Organic Letters</i> , 2009, 11, 4056-4059.	4.6	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.	4.6	207
114	Diphenylprolinol silyl ether as a catalyst in an asymmetric, catalytic and direct β -benzyloxylation of aldehydes. <i>Chemical Communications</i> , 2009, , 3083.	4.1	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.	13.8	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.	13.8	118
117	Asymmetric Michael Reaction of Acetaldehyde Catalyzed by Diphenylprolinol Silyl Ether. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4722-4724.	13.8	213
118	Asymmetric Diels Alder Reactions of β,β -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
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.	13.8	100
120	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
121	Direct Asymmetric α -Amination of Cyclic Ketones Catalyzed by Siloxyproline. <i>Chemistry - an Asian Journal</i> , 2008, 3, 225-232.	3.3	39
122	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
123	Asymmetric, Catalytic, and Direct Self-Aldol Reaction of Acetaldehyde Catalyzed by Diarylprolinol. <i>Organic Letters</i> , 2008, 10, 5581-5583.	4.6	74
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#	ARTICLE	IF	CITATIONS
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