Takahiko Akiyama

List of Publications by Year
in descending order

138	12,823	38742 50	23533 111
papers	citations	h-index	g-index

139	139	139	5822
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Stronger BrÃ¸nsted Acids. Chemical Reviews, 2007, 107, 5744-5758.	47.7	2,085
2	Enantioselective Mannich-Type Reaction Catalyzed by a Chiral BrÃ¸nsted Acid. Angewandte Chemie - International Edition, 2004, 43, 1566-1568.	13.8	1,448
3	Recent Progress in Chiral BrÃ¸nsted Acid Catalysis. Advanced Synthesis and Catalysis, 2006, 348, 999-1010.	4.3	868
4	Stronger BrÃ¸nsted Acids: Recent Progress. Chemical Reviews, 2015, 115, 9277-9306.	47.7	570
5	Chiral BrÃ¸nsted Acid-Catalyzed Inverse Electron-Demand Aza Dielsâ^'Alder Reaction. Journal of the American Chemical Society, 2006, 128, 13070-13071.	13.7	385
6	Chiral BrÃ¸nsted Acid Catalyzed Enantioselective Hydrophosphonylation of Imines:â€‰ Asymmetric Synthesis of Î±-Amino Phosphonates. Organic Letters, 2005, 7, 2583-2585.	4.6	289
7	Chiral BrÃ¸nsted Acid Catalyzed Enantioselective Mannich-Type Reaction. Journal of the American Chemical Society, 2007, 129, 6756-6764.	13.7	284
8	Chiral Phosphoric Acid Catalyzed Enantioselective Friedelâ€“Crafts Alkylation of Indoles with Nitroalkenes: Cooperative Effect of 3â€…Ã… Molecular Sieves. Angewandte Chemie - International Edition, 2008, 47, 4016-4018.	13.8	284
9	Enantioselective Synthesis of Multisubstituted Biaryl Skeleton by Chiral Phosphoric Acid Catalyzed Desymmetrization/Kinetic Resolution Sequence. Journal of the American Chemical Society, 2013, 135, 3964-3970.	13.7	262
10	Selective Activation of Enantiotopic C(sp³)â^'Hydrogen by Means of Chiral Phosphoric Acid: Asymmetric Synthesis of Tetrahydroquinoline Derivatives. Journal of the American Chemical Society, 2011, 133, 6166-6169.	13.7	243
11	Chiral BrÃ¸nsted Acid Catalyzed Enantioselective Aza-Dielsâ€“Alder Reaction of Brassard's Diene with Imines. Angewandte Chemie - International Edition, 2006, 45, 4796-4798.	13.8	218
12	Low-Valent Niobium-Mediated Double Activation of Câ^'F/Câ^'H Bonds:Â Fluorene Synthesis fromo-Arylated Î±,Î±,Î±-Trifluorotoluene Derivatives. Journal of the American Chemical Society, 2006, 128, 1434-1435.	13.7	170
13	Enantiodivergent Atroposelective Synthesis of Chiral Biaryls by Asymmetric Transfer Hydrogenation: Chiral Phosphoric Acid Catalyzed Dynamic Kinetic Resolution. Angewandte Chemie - International Edition, 2016, 55, 11642-11646.	13.8	167
14	Expeditious Construction of a Carbobicyclic Skeleton via sp³-Câ^'H Functionalization: Hydride Shift from an Aliphatic Tertiary Position in an Internal Redox Process. Journal of the American Chemical Society, 2011, 133, 2424-2426.	13.7	150
15	Benzothiazoline: Versatile Hydrogen Donor for Organocatalytic Transfer Hydrogenation. Accounts of Chemical Research, 2015, 48, 388-398.	15.6	146
16	Chiral Phosphoric Acid Catalyzed Transfer Hydrogenation: Facile Synthetic Access to Highly Optically Active Trifluoromethylated Amines. Angewandte Chemie - International Edition, 2011, 50, 8180-8183.	13.8	143
17	Enantioselective Mannich-Type Reaction Catalyzed by a Chiral BrÃ¸nsted Acid Derived from TADDOL. Advanced Synthesis and Catalysis, 2005, 347, 1523-1526.	4.3	134
18	Enantioselective Aza-Darzens Reaction Catalyzed by A Chiral Phosphoric Acid. Organic Letters, 2009, 11, 2445-2447.	4.6	132

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19	Expeditious Synthesis of Benzopyrans via Lewis Acid-Catalyzed Câ^'H Functionalization: Remarkable Enhancement of Reactivity by an Ortho Substituent. Organic Letters, 2010, 12, 1732-1735.	4.6	128
20	Double C(sp³)â€"H Bond Functionalization Mediated by Sequential Hydride Shift/Cyclization Process: Diastereoselective Construction of Polyheterocycles. Journal of the American Chemical Society, 2014, 136, 3744-3747.	13.7	126
21	Chiral Phosphoric Acid Catalyzed Enantioselective Synthesis of Î²-Amino-Î±,Î±-difluoro Carbonyl Compounds. Organic Letters, 2011, 13, 1860-1863.	4.6	122
22	Chiral Phosphoric Acid-Catalyzed Oxidative Kinetic Resolution of Indolines Based on Transfer Hydrogenation to Imines. Journal of the American Chemical Society, 2013, 135, 11740-11743.	13.7	122
23	Enantioselective Robinsonâ€Type Annulation Reaction Catalyzed by Chiral Phosphoric Acids. Angewandte Chemie - International Edition, 2009, 48, 4226-4228.	13.8	114
24	Chiral Magnesium Bisphosphate-Catalyzed Asymmetric Double C(sp³)â€"H Bond Functionalization Based on Sequential Hydride Shift/Cyclization Process. Journal of the American Chemical Society, 2018, 140, 6203-6207.	13.7	114
25	Chiral Phosphoric Acid Catalyzed Desymmetrization of mesoâ€1,3â€Diones: Asymmetric Synthesis of Chiral Cyclohexenones. Angewandte Chemie - International Edition, 2009, 48, 9652-9654.	13.8	112
26	Expeditious Construction of Quinazolines via BrÃ¸nsted Acid-induced Câ€"H Activation: Further Extension of â€œtert-Amino Effectâ€• Chemistry Letters, 2009, 38, 524-525.	1.3	112
27	A Novel Approach to 2-Arylated Quinolines:â€‰ Electrocyclization of Alkynyl Imines via Vinylidene Complexes. Organic Letters, 2004, 6, 353-355.	4.6	102
28	Vinylogous Mannichâ€Type Reaction Catalyzed by an Iodineâ€Substituted Chiral Phosphoric Acid. Advanced Synthesis and Catalysis, 2008, 350, 399-402.	4.3	101
29	Chiral Copper(II) Phosphate Catalyzed Enantioselective Synthesis of Isochromene Derivatives by Sequential Intramolecular Cyclization and Asymmetric Transfer Hydrogenation of oâ€Alkynylacetophenones. Angewandte Chemie - International Edition, 2013, 52, 13284-13288.	13.8	97
30	Synthesis of a novel crown ether derived from chiro-inositol and its catalytic activity on the asymmetric Michael addition. Chemical Communications, 2003, , 1734.	4.1	93
31	Enantioselective Organocatalytic Transfer Hydrogenation of Î±â€Imino Esters by Utilization of Benzothiazoline as Highly Efficient Reducing Agent. Advanced Synthesis and Catalysis, 2010, 352, 1846-1850.	4.3	92
32	AlCl3-N,N-dimethylaniline: A new benzyl and allyl ether cleavage reagent.. Tetrahedron Letters, 1991, 32, 1321-1324.	1.4	85
33	Low-Valent Niobium-Catalyzed Reduction of Î±,Î±,Î±-Trifluorotoluenes. Organic Letters, 2007, 9, 1497-1499.	4.6	83
34	HCl-Catalyzed Stereoselective Mannich Reaction in H2O-SDS System. Synlett, 2005, 2005, 322-324.	1.8	81
35	Concise Route to 3-Arylisoquinoline Skeleton by Lewis Acid Catalyzed C(sp3)â€"H Bond Functionalization and Its Application to Formal Synthesis of (Â±)-Tetrahydropalmatine. Organic Letters, 2012, 14, 1436-1439.	4.6	77
36	Expedient Synthesis of Nâ€Fused Indoles: A Cï£¿F Activation and Cï£¿H Insertion Approach. Angewandte Chemie - International Edition, 2009, 48, 8070-8073.	13.8	74

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37	Stereoselective construction of all-carbon quaternary center by means of chiral phosphoric acid: highly enantioselective Friedelâ€“Crafts reaction of indoles with Î²,Î²-disubstituted nitroalkenes. Chemical Science, 2014, 5, 1799-1803.	7.4	74
38	BrÃ¸nsted acid-catalyzed aza Diels-Alder reaction of Danishefsky's diene with aldimine generated in situ from aldehyde and amine in aqueous media. Tetrahedron Letters, 1999, 40, 7831-7834.	1.4	72
39	Chiral Phosphoric Acid Catalyzed Enantioselective Transfer Deuteration of Ketimines by Use of Benzothiazoline As a Deuterium Donor: Synthesis of Optically Active Deuterated Amines. Organic Letters, 2012, 14, 3312-3315.	4.6	71
40	Enantiodivergent Atroposelective Synthesis of Chiral Biaryls by Asymmetric Transfer Hydrogenation: Chiral Phosphoric Acid Catalyzed Dynamic Kinetic Resolution. Angewandte Chemie, 2016, 128, 11814-11818.	2.0	71
41	Chiral BrÃ¸nsted acid-catalyzed hydrophosphonylation of iminesâ€”DFT study on the effect of substituents of phosphoric acid. Tetrahedron, 2009, 65, 4950-4956.	1.9	69
42	Chiral BrÃ¸nsted acid catalyzed asymmetric Friedelâ€“Crafts alkylation reaction of indoles with Î±,Î²-unsaturated ketones: short access to optically active 2- and 3-substituted indole derivatives. Organic and Biomolecular Chemistry, 2010, 8, 5448.	2.8	69
43	BrÃ¸nsted Acid-Catalyzed Mannich-Type Reactions in Aqueous Media. Advanced Synthesis and Catalysis, 2002, 344, 338-347.	4.3	67
44	Enantioselective Friedelâ€“Crafts Alkylation of Indoles, Pyrroles, and Furans with Trifluoropyruvate Catalyzed by Chiral Phosphoric Acid. Chemistry - an Asian Journal, 2010, 5, 470-472.	3.3	62
45	Asymmetric synthesis of tetrahydrofurans by diastereoselective [3+2] cycloaddition of allylsilanes with Î±-keto esters bearing an optically active cyclitol as a chiral auxiliary. Tetrahedron Letters, 1994, 35, 8401-8404.	1.4	60
46	Enantioselective organocatalytic reductive amination of aliphatic ketones by benzothiazoline as hydrogen donor. Chemical Communications, 2012, 48, 4573.	4.1	60
47	Cu(I)-Catalyzed Enantioselective [2 + 2] Cycloaddition of 1-Methoxyallenylsilane with Î±-Imino Ester:â€‰ Chiral Synthesis of Î±,Î²-Unsaturated Acylsilanes. Organic Letters, 2003, 5, 3691-3693.	4.6	58
48	Enantioselective Friedelâ€“Crafts alkylation reaction of indoles with Î±,Î²-unsaturated acyl phosphonates catalyzed by chiral phosphoric acid. Chemical Communications, 2010, 46, 4112.	4.1	56
49	Chiral Phosphoric Acid Catalyzed Kinetic Resolution of Indolines Based on a Selfâ€Redox Reaction. Angewandte Chemie - International Edition, 2016, 55, 3148-3152.	13.8	56
50	The Asymmetric [3+2] Cycloaddition Reaction of Chiral Alkenyl Fischer Carbene Complexes with Imines:Â Synthesis of Optically Pure 2,5-Disubstituted-3-pyrrolidinones. Journal of the American Chemical Society, 2001, 123, 7182-7183.	13.7	52
51	Rapid Access to 3-Aryltetralin Skeleton via C(sp3)â€“H Bond Functionalization: Investigation on the Substituent Effect of Aromatic Ring Adjacent to Câ€“H Bond in Hydride Shift/Cyclization Sequence. Chemistry Letters, 2011, 40, 1386-1388.	1.3	51
52	Synthesis of 3â€Arylâ€1â€trifluoromethyltetrahydroisoquinolines by BrÃ¸nsted Acidâ€Catalyzed C(sp³)ï£¿H Bond Functionalization. Advanced Synthesis and Catalysis, 2015, 357, 901-906.	4.3	51
53	Chiral Phosphoric Acid Catalyzed Asymmetric Synthesis of 2-Substituted 2,3-Dihydro-4-quinolones by a Protecting-Group-Free Approach. Organic Letters, 2015, 17, 3202-3205.	4.6	50
54	Stereoselective synthesis of CF3-substituted aziridines by Lewis acid-mediated aziridination of aldimines with diazoacetates. Tetrahedron Letters, 2003, 44, 4011-4013.	1.4	49

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55	Mannich-Type Reaction Promoted by an Ionic Liquid. Synlett, 2005, 2005, 1024-1026.	1.8	49
56	Expeditious synthesis of 1-aminoindane derivatives achieved by [1,4]-hydride shift mediated C(sp3)â€“H bond functionalization. Chemical Communications, 2014, 50, 3729.	4.1	49
57	Diastereoselective reduction of Î±-keto esters bearing chiro-inositol derivatives as chiral auxiliaries. Tetrahedron Letters, 1991, 32, 1335-1338.	1.4	48
58	Hydrodefluorinations by low-valent niobium catalyst. Journal of Fluorine Chemistry, 2007, 128, 1158-1167.	1.7	48
59	Highly diastereoselective synthesis of tricyclic fused-pyrans by sequential hydride shift mediated double C(sp³)â€“H bond functionalization. Chemical Science, 2018, 9, 7327-7331.	7.4	47
60	Prediction of suitable catalyst by 1H NMR: asymmetric synthesis of multisubstituted biaryls by chiral phosphoric acid catalyzed asymmetric bromination. Chemical Science, 2013, 4, 4235.	7.4	45
61	Cu(I)-Catalyzed Enantioselective [3 + 2] Cycloaddition Reaction of 1-Alkylallenylsilane with Î±-Imino Ester:â€‰ Asymmetric Synthesis of Dehydroproline Derivatives. Organic Letters, 2005, 7, 1051-1053.	4.6	44
62	Scandium trifluoromethanesulfonate-catalyzed chemoselective allylation reactions of carbonyl compounds with tetraallylgermane in aqueous media. Tetrahedron Letters, 1997, 38, 853-856.	1.4	43
63	Novel [3 + 2] Cycloaddition Reaction of Alkenyl Fischer Carbene Complexes with Imines Leading to 3-Pyrroline Derivatives. Journal of the American Chemical Society, 2000, 122, 11741-11742.	13.7	43
64	A highly stereo-divergent Mannich-type reaction catalyzed by BrÃ¸nsted acid in aqueous media. Tetrahedron Letters, 2001, 42, 4025-4028.	1.4	43
65	A concise synthesis of (â^)-conduritol F from l-quebrachitol via AlCl3-n-Bu4NI mediated demethylation. Tetrahedron Letters, 1991, 32, 5593-5596.	1.4	42
66	The preparation of optically active Î”2-isoxazolines via addition of nitrile oxides to chiral acryloyl esters bearing cyclitols as auxiliaries. Tetrahedron Letters, 1992, 33, 5763-5766.	1.4	42
67	Chiral synthesis of D-myo-inositol 1-phosphate starting from L-quebrachitol. Tetrahedron Letters, 1990, 31, 1433-1434.	1.4	41
68	Î³-Silylboronates in the chiral BrÃ¸nsted acid-catalysed allylboration of aldehydes. Chemical Communications, 2015, 51, 5246-5249.	4.1	41
69	Visible-Light-Driven Câ€“S Bond Formation Based on Electron Donorâ€“Acceptor Excitation and Hydrogen Atom Transfer Combined System. ACS Organic & Inorganic Au, 2021, 1, 23-28.	4.0	39
70	Asymmetric Transfer Hydrogenation of Ketimines by Indoline as Recyclable Hydrogen Donor. Organic Letters, 2014, 16, 5312-5315.	4.6	37
71	Dynamic Kinetic Resolution Approach for the Asymmetric Synthesis of Tetrahydrobenzodiazepines Using Transfer Hydrogenation by Chiral Phosphoric Acid. Chemistry - A European Journal, 2016, 22, 8078-8083.	3.3	37
72	Enantioselective Friedelâ€“Crafts Alkylation Reaction of Indoles with Î±-Trifluoromethylated Î²-Nitrostyrenes Catalyzed by Chiral BINOL Metal Phosphate. ACS Catalysis, 2019, 9, 6903-6909.	11.2	36

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73	Kinetic Resolution in Chiral Phosphoric Acid Catalyzed Aldol Reactions: Enantioselective Robinsonâ€Type Annulation Reactions. European Journal of Organic Chemistry, 2012, 2012, 4508-4514.	2.4	35
74	Chiral Phosphoricâ€Acidâ€Catalyzed Transfer Hydrogenation of Ethyl Ketimine Derivatives by Using Benzothiazoline. Chemistry - A European Journal, 2014, 20, 7616-7620.	3.3	35
75	B(C₆F₅)₃-Catalyzed Hydrodesulfurization Using Hydrosilanes â€“ Metal-Free Reduction of Sulfides. Organic Letters, 2015, 17, 3366-3369.	4.6	35
76	Chiral phosphoric acid catalyzed oxidative kinetic resolution of cyclic secondary amine derivatives including tetrahydroquinolines by hydrogen transfer to imines. Chemical Communications, 2015, 51, 16648-16651.	4.1	35
77	Cï£¿C Coupling Reactions of Superstrong CF₃ Groups with C(sp²)â€“H Bonds: Reactivity and Synthetic Utility of Zeroâ€Valent Niobium Catalyst. Chemistry - an Asian Journal, 2008, 3, 261-271.	3.3	34
78	A new efficient method for resolution of myo-inositol derivatives by enzyme catalyzed regio- and enantio-selective esterification in organic solvent. Tetrahedron Letters, 1992, 33, 1911-1914.	1.4	33
79	Diastereoselective Synthesis of CF₃-Substituted Spiroisochromans by [1,5]-Hydride Shift/Cyclization/Intramolecular Friedelâ€“Crafts Reaction Sequence. Organic Letters, 2019, 21, 2383-2387.	4.6	33
80	Benzothiazolines as radical transfer reagents: hydroalkylation and hydroacylation of alkenes by radical generation under photoirradiation conditions. Chemical Communications, 2019, 55, 11171-11174.	4.1	32
81	Enantioselective Friedelâ€“Crafts Alkylation Reaction of Heteroarenes with Nâ€Unprotected Trifluoromethyl Ketimines by Means of Chiral Phosphoric Acid. Chemistry - A European Journal, 2019, 25, 5677-5681.	3.3	31
82	The Selective Protection of Uridine with ap-Methoxybenzyl Chloride: A Synthesis of 2â€²-O-Methyluridine. Bulletin of the Chemical Society of Japan, 1990, 63, 3356-3357.	3.2	30
83	Scandium trifluoromethanesulfonate-catalyzed chemoselective allylation reactions of carbonyl compounds with tetraallylgermane in aqueous media. Tetrahedron, 1999, 55, 7499-7508.	1.9	29
84	[3+2] Cycloaddition Reactions of Cyclopropylmethylsilanes and Î±-Keto Aldehydes: Trans- and Cis-selective Formation of 2-Silylmethyltetrahydrofurans. Chemistry Letters, 2005, 34, 538-539.	1.3	29
85	Low-valent Niobium-mediated Synthesis of Indenes: Intramolecular Coupling Reaction of CF3Group with Alkene Câ€“H Bond. Chemistry Letters, 2007, 36, 24-25.	1.3	29
86	Transformation of Trifluorotoluenes Triggered by Titanium(IV) Chlorideâ€Catalyzed Hydrodefluorination using Hydrosilanes. Advanced Synthesis and Catalysis, 2016, 358, 62-66.	4.3	28
87	Stereoselective synthesis of cyclopentanols by Lewis acid-mediated [3+2] annulation of allyldiisopropylphenylsilane with Î±,Î²-unsaturated diesters. Tetrahedron Letters, 1998, 39, 7885-7888.	1.4	27
88	Enantioselective Mannich-Type Reaction Catalyzed by a Chiral Phosphoric Acid Bearing an (S)-Biphenol Backbone. Synlett, 2009, 2009, 1664-1666.	1.8	27
89	Synthesis of Aryl-substituted Quinoline Derivatives via BrÃ¸nsted Acid-catalyzed [4+2] Aza Dielsâ€“Alder Reaction. Chemistry Letters, 2004, 33, 922-923.	1.3	26
90	Mechanism of oil-in-water emulsification using a water-soluble amphiphilic polymer and lipophilic surfactant. Journal of Colloid and Interface Science, 2006, 300, 141-148.	9.4	25

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91	Hydrodefluorinations of trifluorotoluenes by LiAlH4 and TiCl4. Journal of Fluorine Chemistry, 2013, 152, 81-83.	1.7	25
92	Versatile and highly efficient oxidative C(sp³)â€“H bond functionalization of tetrahydroisoquinoline promoted by bifunctional diethyl azodicarboxylate (DEAD): scope and mechanistic insights. Organic Chemistry Frontiers, 2016, 3, 1259-1264.	4.5	25
93	Enantioselective Fluorination of Î²-Ketoesters Catalyzed by Chiral Sodium Phosphate: Remarkable Enhancement of Reactivity by Simultaneous Utilization of Metal Enolate and Metal Phosphate. Chemistry Letters, 2014, 43, 137-139.	1.3	23
94	BrÃ¸nsted acid-catalyzed Nazarov cyclization of pyrrole derivatives accelerated by microwave irradiation. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 3764-3766.	2.2	22
95	Enantioselective Transfer Hydrogenation of Difluoromethyl Ketimines Using Benzothiazoline as a Hydrogen Donor in Combination with a Chiral Phosphoric Acid. Asian Journal of Organic Chemistry, 2013, 2, 943-946.	2.7	22
96	Niobium(<scp>v</scp>)-catalyzed defluorinative triallylation of Î±,Î±,Î±-trifluorotoluene derivatives by triple Câ€“F bond activation. Organic and Biomolecular Chemistry, 2017, 15, 1767-1770.	2.8	22
97	Transfer hydrogenation of imines with carboxyl-tailed benzothiazoline as readily removable hydrogen donor. Tetrahedron Letters, 2012, 53, 416-418.	1.4	20
98	Lewis acid-mediated [3+2] cycloaddition of allyltriisopropylsilane to N-sulfonyl aldimines. Tetrahedron Letters, 2001, 42, 3889-3892.	1.4	19
99	Niobium-catalyzed Activation of CF3 Group on Alkene: Synthesis of Substituted Indenes. Chemistry Letters, 2010, 39, 867-869.	1.3	19
100	Enantioselective Synthesis of Chiral Biaryl Chlorides/Iodides by a Chiral Phosphoric Acid Catalyzed Sequential Halogenation Strategy. Advanced Synthesis and Catalysis, 2015, 357, 35-40.	4.3	18
101	Visible-Light-Driven Enantioselective Radical Addition to Imines Enabled by the Excitation of a Chiral Phosphoric Acidâ€“Imine Complex. ACS Catalysis, 2022, 12, 5209-5216.	11.2	18
102	Synthesis and Properties of Phosphoroselenoic Acids and Their salts Bearing Binaphthyl Groups. Phosphorus, Sulfur and Silicon and the Related Elements, 2010, 185, 964-973.	1.6	17
103	Enantioselective Dehydroxyhydrogenation of 3-Indolylmethanols by the Combined Use of Benzothiazoline and Chiral Phosphoric Acid: Construction of a Tertiary Carbon Center. Organic Letters, 2020, 22, 2225-2229.	4.6	17
104	Molecular iodine catalyzed transfer hydrogenation: reduction of aldimines, ketimines, and Î±-imino esters. Tetrahedron Letters, 2013, 54, 3977-3981.	1.4	16
105	Enantioselective synthesis of fused heterocycles with contiguous stereogenic centers by chiral phosphoric acid catalyzed symmetry breaking. Chemical Communications, 2015, 51, 16107-16110.	4.1	16
106	Radical Hydroalkylation and Hydroacylation of Alkenes by the Use of Benzothiazoline under Thermal Conditions. Journal of Organic Chemistry, 2020, 85, 12715-12723.	3.2	15
107	Chiral syntheses of 2,3,5-trisubstituted pyrrolidines by silicon-directed cyclization of allylsilanes bearing a sulfonamide moiety. Tetrahedron Letters, 1999, 40, 4219-4222.	1.4	14
108	Dual Functionalization of Allene: Facile Construction of Heteropolycycles Mediated by BrÃ¸nsted Acid. Chemistry Letters, 2009, 38, 628-629.	1.3	14

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109	Asymmetric Reduction of Trifluoromethyl Alkynyl Ketimines by Chiral Phosphoric Acid and Benzothiazoline. Synlett, 2018, 29, 1607-1610.	1.8	14
110	Development of Chiral Bronsted Acid and its Application to Asymmetric Synthesis. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2011, 69, 913-925.	0.1	14
111	Novel Thermal Reaction of Fischer Carbene Complexes with Imines:â€‰ Synthesis of Î²-Methoxy Allylic Amine Derivatives. Organic Letters, 2002, 4, 3967-3969.	4.6	13
112	Synthesis of pyrroles: reaction of chromium N-alkylaminocarbene complexes with Î±,Î²-unsaturated aldehydes. Chemical Communications, 2006, , 2271-2273.	4.1	13
113	Enantioselective Synthesis of 2â€Substituted Indoles Bearing Trifluoromethyl Moiety by the Friedelâ€Crafts Alkylation Reaction of 4,7â€Dihydroindole with N â^'H Trifluoromethyl Ketimines. ChemCatChem, 2020, 12, 4784-4787.	3.7	13
114	Enantioselective three-component synthesis of 4-arylated dehydroprolines: [3+2] annulation of allenylstannane and Î±-imino ester. Tetrahedron Letters, 2005, 46, 8563-8566.	1.4	12
115	Montmorillonite K10 Catalyzed Nucleophilic Addition Reaction to Aldimines in Water. Synthesis, 2005, 2005, 2606-2608.	2.3	12
116	Remarkable Differences in Reactivity between Benzothiazoline and Hantzsch Ester as a Hydrogen Donor in Chiral Phosphoric Acid Catalyzed Asymmetric Reductive Amination of Ketones. Chemistry - an Asian Journal, 2016, 11, 274-279.	3.3	12
117	Cluster Preface: BINOL Phosphates for Chemistry. Synlett, 2016, 27, 542-545.	1.8	11
118	Enzymatic resolution of racemic 1,2:5,6-di-O-cyclohexylidene and 1,2:3,4-di-O-cyclohexylidene-myo-inositol. Bioorganic and Medicinal Chemistry, 1993, 1, 155-159.	3.0	10
119	Synthesis of nitrogen-containing compounds using chromium Fischer carbene complexes. Chemical Record, 2007, 7, 104-114.	5.8	10
120	Enantioselective Friedelâ€“Crafts Alkylation Reaction of Pyrroles with N-Unprotected Alkynyl Trifluoromethyl Ketimines. Organic Letters, 2022, 24, 4699-4703.	4.6	10
121	Phosphoric Acid Bridged Cobalt Bis(dicarbollide) Ion as a Highly Efficient Catalyst for the Organocatalytic Hydrogenation of Ketimines. Synlett, 2014, 25, 795-798.	1.8	9
122	2.16 The Bimolecular and Intramolecular Mannich and Related Reactions. , 2014, , 629-681.		9
123	One-pot synthesis of chiral dehydroproline esters: [3+2]-type cycloaddition reaction of allenylstannane and Î±-imino ester. Tetrahedron, 2006, 62, 11304-11310.	1.9	8
124	BrÃ¸nsted Acid Catalyzed Reductive Amination with Benzothiazoline as a Highly Efficient Hydrogen Donor. Synlett, 2011, 2011, 1251-1254.	1.8	8
125	Stereoselective Synthesis of Tetrahydrofuran by Diasteroselective [3+2] Cycloaddition Reaction of Chiral Allylsilane with a-Keto Ester. Heterocycles, 2006, 67, 369.	0.7	8
126	Oxidative Kinetic Resolution of Acyclic Amines Based on Equilibrium Control. Organic Letters, 2020, 22, 3128-3134.	4.6	7

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127	Hydrogen-Bond Catalysis or BrÃ¸nsted-Acid Catalysis? General Considerations. , 0, , 5-14.		7
128	Preparation of Î²-Amino Esters by a Chiral BrÃ¸nsted Acid Catalyzed Mannich-Type Reaction. Synthesis, 2008, 2008, 1319-1322.	2.3	6
129	Mechanistic Study on the Base-Promoted Reaction of Allylphenylsilanes to Alkenylsilanols. Bulletin of the Chemical Society of Japan, 2008, 81, 623-629.	3.2	6
130	Enantioselective Synthesis of 1-Substituted 1,2,3,4-Tetrahydroisoquinolines through 1,3-Dipolar Cycloaddition by a Chiral Phosphoric Acid. Synlett, 2019, 30, 1541-1545.	1.8	6
131	Reduction of Nitroarenes to Anilines with a Benzothiazoline: Application to Enantioselective Synthesis of 2-Arylquinoline Derivatives. Synlett, 2019, 30, 499-502.	1.8	5
132	6.3 Câ€“C Bond Formation: Mannich Reaction. , 2012, , 69-96.		4
133	Carbocyclization Reaction of Malonate Derivatives with Allylsilane Moiety Mediated by AlCl3-n-Bu3N. Bulletin of the Chemical Society of Japan, 2007, 80, 972-978.	3.2	3
134	Ligand-free trifluoromethylation of iodoarenes by use of 2-Aryl-2-trifluoromethylbenzimidazoline as new trifluoromethylating reagent. Journal of Fluorine Chemistry, 2019, 219, 29-31.	1.7	3
135	Chiral Calcium Phosphate Catalyzed Enantioselective Synthesis of All-Carbon Quaternary Center by Friedelâ€“Crafts Alkylation Reaction of Pyrroles and Trifluoromethylated Nitrostyrenes. Synthesis, 0, , .	2.3	3
136	Catalytic trifluoromethylation of iodoarenes by use of 2-trifluoromethylated benzimidazoline as trifluoromethylating reagent. Beilstein Journal of Organic Chemistry, 2020, 16, 2442-2447.	2.2	2
137	Mannich-Type Reaction in Water in the Presence of a Surfactant. Synthesis, 2006, 2006, 4075-4080.	2.3	1
138	Singapore Visit Report, Observing Trends and Enhancing Ties with Singapore in the Field of Organic Synthesis. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2013, 71, 639-641.	0.1	0