Wenjun Tang

List of Publications by Year
in descending order

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145 papers	9,936 citations	41258 49 h-index	38300 95 g-index
186 all docs	186 docs citations	186 times ranked	5507 citing authors

#	Article	IF	Citations
1	New Chiral Phosphorus Ligands for Enantioselective Hydrogenation. Chemical Reviews, 2003, 103, 3029-3070.	23.0	2,231
2	A Chiral 1,2-Bisphospholane Ligand with a Novel Structural Motif: Applications in Highly Enantioselective Rh-Catalyzed Hydrogenations. Angewandte Chemie - International Edition, 2002, 41, 1612-1614.	7.2	285
3	Efficient Syntheses of Korupensamines A, B and Michellamine B by Asymmetric Suzuki-Miyaura Coupling Reactions. Journal of the American Chemical Society, 2014, 136, 570-573.	6.6	273
4	P-Chiral Phosphorus Ligands Based on a 2,3-Dihydrobenzo[d][1,3]oxaphosphole Motif for Asymmetric Catalysis. Accounts of Chemical Research, 2019, 52, 1101-1112.	7.6	231
5	Highly Effective Chiral Ortho-Substituted BINAPO Ligands (o-BINAPO):Â Applications in Ru-Catalyzed Asymmetric Hydrogenations of Î²-Aryl-Substituted Î²-(Acylamino)acrylates and Î²-Keto Esters. Journal of the American Chemical Society, 2002, 124, 4952-4953.	6.6	203
6	Chiral Monophosphorus Ligands for Asymmetric Catalytic Reactions. ACS Catalysis, 2016, 6, 4814-4858.	5.5	194
7	A General and Special Catalyst for Suzukiâ€“Miyaura Coupling Processes. Angewandte Chemie - International Edition, 2010, 49, 5879-5883.	7.2	172
8	Synthesis of Chiral Î±-Amino Tertiary Boronic Esters by Enantioselective Hydroboration of Î±-Arylenamides. Journal of the American Chemical Society, 2015, 137, 6746-6749.	6.6	166
9	Enantioselective Palladiumâ€Catalyzed Dearomative Cyclization for the Efficient Synthesis of Terpenes and Steroids. Angewandte Chemie - International Edition, 2015, 54, 3033-3037.	7.2	162
10	A Bisphosphepine Ligand with Stereogenic Phosphorus Centers for the Practical Synthesis of Î²-Aryl-Î²-Amino Acids by Asymmetric Hydrogenation. Angewandte Chemie - International Edition, 2003, 42, 3509-3511.	7.2	161
11	Enantioselective Hydrogenation of Tetrasubstituted Olefins of Cyclic Î²-(Acylamino)acrylates. Journal of the American Chemical Society, 2003, 125, 9570-9571.	6.6	158
12	Efficient Chiral Monophosphorus Ligands for Asymmetric Suzukiâ€“Miyaura Coupling Reactions. Organic Letters, 2012, 14, 2258-2261.	2.4	142
13	Phospholaneâ€“Oxazoline Ligands for Ir-Catalyzed Asymmetric Hydrogenation. Angewandte Chemie - International Edition, 2003, 42, 943-946.	7.2	139
14	Novel, Tunable, and Efficient Chiral Bisdihydrobenzooxaphosphole Ligands for Asymmetric Hydrogenation. Organic Letters, 2010, 12, 176-179.	2.4	139
15	Structural Revision and Total Synthesis of Azaspiracid-1, Part 2: Definition of the ABCD Domain and Total Synthesis. Angewandte Chemie - International Edition, 2004, 43, 4318-4324.	7.2	136
16	Highly Efficient Synthesis of Chiral Î²-Amino Acid Derivatives via Asymmetric Hydrogenation. Organic Letters, 2002, 4, 4159-4161.	2.4	130
17	Design of Phosphorus Ligands with Deep Chiral Pockets: Practical Synthesis of Chiral Î²â€Arylamines by Asymmetric Hydrogenation. Angewandte Chemie - International Edition, 2013, 52, 4235-4238.	7.2	129
18	Enantioselective formation of quaternary carbon stereocenters in natural product synthesis: a recent update. Natural Product Reports, 2020, 37, 276-292.	5.2	126

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19	Copper Catalyzed Asymmetric Propargylation of Aldehydes. Journal of the American Chemical Society, 2010, 132, 7600-7601.	6.6	116
20	Efficient Monophosphorus Ligands for Palladium-Catalyzed Miyaura Borylation. Organic Letters, 2011, 13, 1366-1369.	2.4	116
21	Aromatic Nucleophilic Substitution or CuI-Catalyzed Coupling Route to Martinellic Acid. Journal of Organic Chemistry, 2003, 68, 442-451.	1.7	110
22	Asymmetric Hydrogenation of Itaconic Acid and Enol Acetate Derivatives with the Rh-TangPhos Catalyst. Organic Letters, 2003, 5, 205-207.	2.4	107
23	Synthesis of a New Class of Conformationally Rigid Phosphino-oxazolines:â€‰ Highly Enantioselective Ligands for Ir-Catalyzed Asymmetric Hydrogenation. Organic Letters, 2004, 6, 513-516.	2.4	100
24	Structural Revision and Total Synthesis of Azaspiracid-1, Part 1: Intelligence Gathering and Tentative Proposal. Angewandte Chemie - International Edition, 2004, 43, 4312-4318.	7.2	95
25	An Efficient Method for Sterically Demanding Suzukiâ€“Miyaura Coupling Reactions. Chemistry - A European Journal, 2013, 19, 2261-2265.	1.7	95
26	Synthesis of Chiral 1,4â€Benzodioxanes and Chromans by Enantioselective Palladiumâ€Catalyzed Alkene Aryloxyarylation Reactions. Angewandte Chemie - International Edition, 2016, 55, 5044-5048.	7.2	95
27	Total Synthesis and Structural Elucidation of Azaspiracid-1. Final Assignment and Total Synthesis of the Correct Structure of Azaspiracid-1. Journal of the American Chemical Society, 2006, 128, 2859-2872.	6.6	94
28	Anortho-Substituted BIPHEP Ligand and Its Applications in Rh-Catalyzed Hydrogenation of Cyclic Enamides. Organic Letters, 2002, 4, 1695-1698.	2.4	89
29	Highly Enantioselective Hydrogenation of Enol Acetates Catalyzed by Ruâ¯TunaPhos Complexes. Organic Letters, 2002, 4, 4495-4497.	2.4	86
30	Development and Clinical Application of Phosphorus-Containing Drugs. Medicine in Drug Discovery, 2020, 8, 100063.	2.3	84
31	Novel and Efficient Chiral Bisphosphorus Ligands for Rhodium-Catalyzed Asymmetric Hydrogenation. Organic Letters, 2010, 12, 1104-1107.	2.4	83
32	Enantioselective Cross-Coupling for Axially Chiral Tetra-ortho-Substituted Biaryls and Asymmetric Synthesis of Gossypol. Journal of the American Chemical Society, 2020, 142, 8036-8043.	6.6	83
33	Efficient Synthesis of Sterically Hindered Arenes Bearing Acyclic Secondary Alkyl Groups by Suzukiâ€“Miyaura Crossâ€Couplings. Angewandte Chemie - International Edition, 2015, 54, 3792-3796.	7.2	78
34	A Chiral 1,2-Bisphospholane Ligand with a Novel Structural Motif: Applications in Highly Enantioselective Rh-Catalyzed Hydrogenations. Angewandte Chemie, 2002, 114, 1682-1684.	1.6	77
35	Transition-metal catalyzed asymmetric carbonâ€“carbon cross-coupling with chiral ligands. Tetrahedron, 2016, 72, 6143-6174.	1.0	77
36	Total Synthesis and Stereochemical Assignment of Delavatine A: Rh-Catalyzed Asymmetric Hydrogenation of Indene-Type Tetrasubstituted Olefins and Kinetic Resolution through Pd-Catalyzed Triflamide-Directed Câ€“H Olefination. Journal of the American Chemical Society, 2017, 139, 5558-5567.	6.6	75

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37	Highly Enantioselective Nickelâ€Catalyzed Intramolecular Reductive Cyclization of Alkynones. Angewandte Chemie - International Edition, 2015, 54, 2520-2524.	7.2	74
38	Highly Enantioselective Rhodiumâ€Catalyzed Addition of Arylboroxines to Simple Aryl Ketones: Efficient Synthesis of Escitalopram. Angewandte Chemie - International Edition, 2016, 55, 4527-4531.	7.2	73
39	Efficient syntheses of (â^')-crinine and (â^')-aspidospermidine, and the formal synthesis of (â^')-minfiensine by enantioselective intramolecular dearomative cyclization. Chemical Science, 2017, 8, 6247-6256.	3.7	71
40	Enantioselective Synthesis of Chiral-at-Cage o-Carboranes via Pd-Catalyzed Asymmetric Bâ€“H Substitution. Journal of the American Chemical Society, 2018, 140, 4508-4511.	6.6	67
41	Efficient synthesis of P-chiral biaryl phosphonates by stereoselective intramolecular cyclization. Organic Chemistry Frontiers, 2015, 2, 1342-1345.	2.3	65
42	Asymmetric Synthesis of 3,4-Dihydroquinolin-2-ones via a Stereoselective Palladium-Catalyzed Decarboxylative [4 + 2]- Cycloaddition. Organic Letters, 2018, 20, 104-107.	2.4	64
43	Efficient Enantioselective Syntheses of (+)-Dalesconol A and B. Journal of the American Chemical Society, 2017, 139, 3360-3363.	6.6	61
44	Transition-Metal-Free Stereospecific Cross-Coupling with Alkenylboronic Acids as Nucleophiles. Journal of the American Chemical Society, 2016, 138, 10774-10777.	6.6	60
45	Enantioselective Rhodiumâ€Catalyzed Addition of Arylboroxines to Nâ€Unprotected Ketimines: Efficient Synthesis of Cipargamin. Angewandte Chemie - International Edition, 2019, 58, 16119-16123.	7.2	57
46	Oxaphospholeâ€Based Monophosphorus Ligands for Palladiumâ€Catalyzed Amination Reactions. Advanced Synthesis and Catalysis, 2011, 353, 533-537.	2.1	56
47	Addressing the Challenges in Suzukiâ€“Miyaura Cross-Couplings by Ligand Design. Synlett, 2016, 27, 2183-2200.	1.0	56
48	Practical and Asymmetric Reductive Coupling of Isoquinolines Templated by Chiral Diborons. Journal of the American Chemical Society, 2017, 139, 9767-9770.	6.6	54
49	Total Synthesis and Structural Elucidation of Azaspiracid-1. Synthesis-Based Analysis of Originally Proposed Structures and Indication of Their Non-Identity to the Natural Product. Journal of the American Chemical Society, 2006, 128, 2258-2267.	6.6	53
50	Enantioselective palladium-catalyzed diboration of 1,1-disubstituted allenes. Chemical Science, 2017, 8, 5161-5165.	3.7	51
51	Concise and Practical Asymmetric Synthesis of a Challenging Atropisomeric HIV Integrase Inhibitor. Angewandte Chemie - International Edition, 2015, 54, 7144-7148.	7.2	50
52	Efficient Synthesis of (â^')â€Corynoline by Enantioselective Palladiumâ€Catalyzed Î±â€Arylation with Sterically Hindered Substrates. Angewandte Chemie - International Edition, 2018, 57, 12328-12332.	7.2	49
53	Title is missing!. Angewandte Chemie, 2003, 115, 3633-3635.	1.6	48
54	A Facile and Practical Synthesis of N-Acetyl Enamides. Journal of Organic Chemistry, 2009, 74, 9528-9530.	1.7	48

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55	Sequential Câ€“H Arylation and Enantioselective Hydrogenation Enables Ideal Asymmetric Entry to the Indenopiperidine Core of an 11Î²-HSD-1 Inhibitor. Journal of the American Chemical Society, 2016, 138, 15473-15481.	6.6	48
56	Enantioselective Palladiumâ€Catalyzed Crossâ€Coupling of Îºâ€Bromo Carboxamides and Aryl Boronic Acids. Angewandte Chemie - International Edition, 2019, 58, 11355-11359.	7.2	48
57	Asymmetric Hydroesterification of Diarylmethyl Carbinols. Angewandte Chemie - International Edition, 2021, 60, 6305-6309.	7.2	47
58	Enantioselective Palladiumâ€Catalyzed Dearomative Cyclization for the Efficient Synthesis of Terpenes and Steroids. Angewandte Chemie, 2015, 127, 3076-3080.	1.6	46
59	Stereoelectronic Effects in Ligand Design: Enantioselective Rhodiumâ€Catalyzed Hydrogenation of Aliphatic Cyclic Tetrasubstituted Enamides and Concise Synthesis of (R)â€Tofacitinib. Angewandte Chemie - International Edition, 2019, 58, 13573-13583.	7.2	46
60	Synthesis of Îº-tertiary allylsilanes by palladium-catalyzed hydrosilylation of 1,1-disubstituted allenes. Green Synthesis and Catalysis, 2020, 1, 171-174.	3.7	45
61	Construction of Various Bridged Polycyclic Skeletons by Palladiumâ€Catalyzed Dearomatization. Angewandte Chemie - International Edition, 2020, 59, 8143-8147.	7.2	43
62	Enantioselective nickel-catalyzed alkylative alkyneâ€“aldehyde cross-couplings. Organic Chemistry Frontiers, 2015, 2, 1322-1325.	2.3	42
63	Phosphorus Ligands from the Zhang Lab: Design, Asymmetric Hydrogenation, and Industrial Applications. Chinese Journal of Chemistry, 2021, 39, 954-968.	2.6	42
64	A Chiral Ruthenium-Monophosphine Catalyst for Asymmetric Addition of Arylboronic Acids to Aryl Aldehydes. Journal of Organic Chemistry, 2013, 78, 6350-6355.	1.7	41
65	A 9â€pool metabolic structured kinetic model describing days to seconds dynamics of growth and product formation by Penicillium chrysogenum. Biotechnology and Bioengineering, 2017, 114, 1733-1743.	1.7	41
66	Diastereodivergent Aldolâ€Type Coupling of Alkoxyallenes with Pentafluorophenyl Esters Enabled by Synergistic Palladium/Chiral Lewis Base Catalysis. Angewandte Chemie - International Edition, 2022, 61, .	7.2	41
67	Enantioselective Reductive Coupling of Imines Templated by Chiral Diboron. Journal of the American Chemical Society, 2020, 142, 10337-10342.	6.6	40
68	Asymmetric ring-opening of oxabenzonorbornadiene with amines promoted by a chiral iridium-monophosphine catalyst. Chemical Communications, 2013, 49, 9959.	2.2	39
69	Enantioselective Rhodiumâ€Catalyzed Addition of Arylboronic Acids to Trifluoromethyl Ketones. Advanced Synthesis and Catalysis, 2013, 355, 1297-1302.	2.1	39
70	Stereospecific Nucleophilic Substitution with Arylboronic Acids as Nucleophiles in the Presence of a CONH Group. Angewandte Chemie - International Edition, 2018, 57, 7176-7180.	7.2	38
71	Asymmetric Construction of 3-Azabicyclo[3.1.0]hexane Skeleton with Five Contiguous Stereogenic Centers by Cu-Catalyzed 1,3-Dipolar Cycloaddition of Trisubstituted Cyclopropenes. Organic Letters, 2018, 20, 4121-4125.	2.4	36
72	Concise and Practical Asymmetric Synthesis of a Challenging Atropisomeric HIV Integrase Inhibitor. Angewandte Chemie, 2015, 127, 7250-7254.	1.6	35

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73	Phospholaneâ€“Oxazoline Ligands for Ir-Catalyzed Asymmetric Hydrogenation. Angewandte Chemie, 2003, 115, 973-976.	1.6	34
74	Structure toxicity relationships of synthetic azaspiracid-1 and analogs in mice. Harmful Algae, 2006, 5, 586-591.	2.2	34
75	Sterically demanding arylâ€“alkyl Suzukiâ€“Miyaura coupling. Organic Chemistry Frontiers, 2014, 1, 225-229.	2.3	34
76	Rhodium-Catalyzed Asymmetric Hydrogenation. , 2005, , 1-31.		33
77	The P-Chiral Phosphane Ligand (MeO-BIBOP) for Efficient and Practical Large-Scale Rh-Catalyzed Asymmetric Hydrogenation of N-Acetyl Enamides with High TONs. Organic Process Research and Development, 2013, 17, 1061-1065.	1.3	33
78	A new chiral ruthenium complex for catalytic asymmetric cyclopropanation. Tetrahedron Letters, 2002, 43, 3075-3078.	0.7	32
79	Search for Ideal P-Chiral Phosphorus Ligands for Practical Asymmetric Hydrogenation and Asymmetric Suzukiâ€“Miyaura Coupling. Synlett, 2013, 24, 2465-2471.	1.0	31
80	Formation of 2-Trifluoromethylphenyl Grignard Reagent via Magnesiumâ^'Halogen Exchange: Process Safety Evaluation and Concentration Effect. Organic Process Research and Development, 2009, 13, 1426-1430.	1.3	30
81	Pyrrolidines and piperidines bearing chiral tertiary alcohols by nickel-catalyzed enantioselective reductive cyclization of N-alkynones. Communications Chemistry, 2018, 1, .	2.0	30
82	Synthesis of Chiral 1,4â€Benzodioxanes and Chromans by Enantioselective Palladiumâ€Catalyzed Alkene Aryloxyarylation Reactions. Angewandte Chemie, 2016, 128, 5128-5132.	1.6	28
83	Development of a Preparative-Scale Asymmetric Synthesis of (R)-p-Tolyl Methyl Sulfoxide for Use in a One-Pot Synthesis of a Drug Intermediate Containing a Trifluoromethyl-Substituted Alcohol Functionality. Organic Process Research and Development, 2007, 11, 605-608.	1.3	27
84	Comparative performance of different scaleâ€down simulators of substrate gradients in Penicillium chrysogenum cultures: the need of a biological systems response analysis. Microbial Biotechnology, 2018, 11, 486-497.	2.0	27
85	Efficient synthesis of chiral biaryls via asymmetric Suzuki-Miyaura cross-coupling of ortho-bromo aryl triflates. Tetrahedron, 2016, 72, 5178-5183.	1.0	26
86	A practical synthesis of 2-amino-2â€²-hydroxy-1,1â€²-binaphthyl (NOBIN). Tetrahedron Letters, 2002, 43, 7163-7165.	0.7	25
87	Efficient Enantioselective Syntheses of Chiral Natural Products Facilitated by Ligand Design. Chemical Record, 2020, 20, 23-40.	2.9	25
88	Highly Enantioselective Rhodiumâ€Catalyzed Addition of Arylboroxines to Simple Aryl Ketones: Efficient Synthesis of Escitalopram. Angewandte Chemie, 2016, 128, 4603-4607.	1.6	24
89	Enantioselective Construction of Spiro Quaternary Carbon Stereocenters via Pd-Catalyzed Intramolecular Î±-Arylation. Organic Letters, 2020, 22, 4602-4607.	2.4	24
90	Recent advances in total syntheses of complex dimeric natural products. Chemical Society Reviews, 2021, 50, 2320-2336.	18.7	24

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91	General and Stereospecific Route to 9-Substituted, 8,9-Disubstituted, and 9,10-Disubstituted Analogues of Benzolactam-V8. Journal of Organic Chemistry, 1999, 64, 6366-6373.	1.7	23
92	A Practical Asymmetric Synthesis of Isopropyl (1R,2S)-Dehydrocoronamate. Organic Process Research and Development, 2011, 15, 1207-1211.	1.3	23
93	Synthesis of triptoquinone H and its C-5 epimer via efficient asymmetric dearomative cyclization. Tetrahedron, 2016, 72, 1782-1786.	1.0	23
94	A Versatile Synthesis of Vinyl-Substituted Heterocycles via Regio- and Enantioselective Pd-Catalyzed Tandem Allylic Substitution. Organic Letters, 2020, 22, 4483-4488.	2.4	23
95	Development of an Enantioselective Hydrogenation Route to (S)-1-(2-(Methylsulfonyl)pyridin-4-yl)propan-1-amine. Organic Process Research and Development, 2014, 18, 904-911.	1.3	22
96	Efficient cross-coupling of aryl/alkenyl triflates with acyclic secondary alkylboronic acids. Organic and Biomolecular Chemistry, 2017, 15, 9903-9909.	1.5	22
97	Development of Efficient Asymmetric Suzuki-Miyaura Cross-Coupling and Applications in Synthesis. Chinese Journal of Organic Chemistry, 2014, 34, 1919.	0.6	21
98	Enantioselective Palladiumâ€Catalyzed Crossâ€Coupling of Î±â€Bromo Carboxamides and Aryl Boronic Acids. Angewandte Chemie, 2019, 131, 11477.	1.6	20
99	Construction of Bridged Polycyclic Skeletons via Transitionâ€Metal Catalyzed Carbonâ€“Carbon Bondâ€Forming Reactions. Chemistry - A European Journal, 2021, 27, 3944-3956.	1.7	20
100	Enantioselective Î±â€Carbonylative Arylation for Facile Construction of Chiral Spirocyclic Î²,Î²â€²â€Diketones. Angewandte Chemie - International Edition, 2021, 60, 9978-9983.	7.2	20
101	Efficient Pâ€Chiral Biaryl Bisphosphorus Ligands for Palladiumâ€Catalyzed Asymmetric Hydrogenation. Chinese Journal of Chemistry, 2018, 36, 153-156.	2.6	19
102	Enantioselective palladium-catalyzed C(sp2)-H carbamoylation. Tetrahedron, 2019, 75, 3239-3247.	1.0	19
103	P-Chiral Monophosphorus Ligands for Asymmetric Copper-Catalyzed Allylic Alkylation. Organometallics, 2019, 38, 4003-4013.	1.1	18
104	A Mild Palladiumâ€Catalyzed Suzuki Coupling Reaction of Quinoline Carboxylates with Boronic Acids. Advanced Synthesis and Catalysis, 2011, 353, 1671-1675.	2.1	17
105	General Synthesis of Chiral Î±,Î±-Diaryl Carboxamides by Enantioselective Palladium-Catalyzed Cross-Coupling. Organic Letters, 2020, 22, 4974-4978.	2.4	17
106	Asymmetric Hydroesterification of Diarylmethyl Carbinols. Angewandte Chemie, 2021, 133, 6375-6379.	1.6	16
107	Protecting-group-free enantioselective tandem allylic substitution of o-phenylenediamines and o-aminophenols. Green Synthesis and Catalysis, 2022, 3, 185-189.	3.7	16
108	Highly Enantioselective Nickelâ€Catalyzed Intramolecular Reductive Cyclization of Alkynones. Angewandte Chemie, 2015, 127, 2550-2554.	1.6	15

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109	Enantioselective Rhodiumâ€Catalyzed Addition of Arylboroxines to Nâ€Unprotected Ketimines: Efficient Synthesis of Cipargamin. Angewandte Chemie, 2019, 131, 16265-16269.	1.6	14
110	Mechanistic insights into asymmetric reductive coupling of isoquinolines by a chiral diboron with DFT calculations. Journal of Organometallic Chemistry, 2018, 864, 97-104.	0.8	13
111	A facile and practical preparation of P-chiral phosphine oxides. Chemical Communications, 2021, 57, 3335-3338.	2.2	13
112	Stereospecific synthesis of 9-substituted benzolactam-V8 from L-tyrosine via regioselective aromatic nitration. Tetrahedron Letters, 1998, 39, 7369-7372.	0.7	11
113	Regioselective 2-alkylation of indoles with Î±-bromo esters catalyzed by Pd/P,P=O system. Chinese Chemical Letters, 2022, 33, 197-200.	4.8	10
114	Stereospecific Nucleophilic Substitution with Arylboronic Acids as Nucleophiles in the Presence of a CONH Group. Angewandte Chemie, 2018, 130, 7294-7298.	1.6	9
115	Stereoelectronic Effects in Ligand Design: Enantioselective Rhodiumâ€Catalyzed Hydrogenation of Aliphatic Cyclic Tetrasubstituted Enamides and Concise Synthesis of (R)â€Tofacitinib. Angewandte Chemie, 2019, 131, 13707-13717.	1.6	9
116	Enantioselective hydrogenation of cyclic tetrasubstituted-olefinic dehydroamino acid derivatives. Chemical Communications, 2021, 57, 5546-5549.	2.2	9
117	Metal-free reduction of unsaturated carbonyls, quinones, and pyridinium salts with tetrahydroxydiboron/water. Organic and Biomolecular Chemistry, 2021, 19, 4327-4337.	1.5	9
118	Efficient Synthesis of Chiral Drugs Facilated by P-Chiral Phosphorus Ligands. Chinese Journal of Organic Chemistry, 2020, 40, 1409.	0.6	9
119	Efficient Synthesis of (â^')â€Corynoline by Enantioselective Palladiumâ€Catalyzed Î±â€Arylation with Sterically Hindered Substrates. Angewandte Chemie, 2018, 130, 12508-12512.	1.6	8
120	Ligand-free nickel-catalyzed Kumada couplings of aryl bromides with tert-butyl Grignard reagents. Chinese Chemical Letters, 2019, 30, 597-600.	4.8	8
121	Enantioselective total synthesis of parnafungin A1 and 10a-epi-hirtusneanine. Chemical Science, 2021, 12, 10313-10320.	3.7	8
122	Synthesis of a Sodiumâ€“Hydrogen Exchange Type 1 Inhibitor: An Efficient Cu-Catalyzed Conjugated Addition of a Grignard Reagent to an Acetyl Pyridinium Salt. Organic Process Research and Development, 2013, 17, 382-389.	1.3	7
123	Construction of Various Bridged Polycyclic Skeletons by Palladiumâ€Catalyzed Dearomatization. Angewandte Chemie, 2020, 132, 8220-8224.	1.6	7
124	Diastereodivergent Aldolâ€Type Coupling of Alkoxyallenes with Pentafluorophenyl Esters Enabled by Synergistic Palladium/Chiral Lewis Base Catalysis. Angewandte Chemie, 2022, 134, .	1.6	6
125	Palladium-catalyzed reductive cross-coupling between Î±-bromo carboxamides and terminal alkynes. Organic Chemistry Frontiers, 2020, 7, 3505-3508.	2.3	5
126	Synthesis of Î±-Heteroaryl Propionic Esters by Palladium-Catalyzed Î±-Heteroarylation of Silyl Ketene Acetals. Organic Letters, 2021, 23, 6439-6443.	2.4	5

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127	Enantioselective Rhodium-Catalyzed Hydrogenation of (Z)-N-Sulfonyl-Î±-dehydroamido Boronic Esters. Organic Letters, 2022, 24, 714-719.	2.4	5
128	Practical Syntheses of N-Acetyl (E)-Î²-Arylenamides. Synthesis, 2013, 45, 3355-3360.	1.2	4
129	NiH-Catalyzed Migratory Defluorinative Olefin Cross-Coupling: Trifluoromethyl-Substituted Alkenes as Acceptor Olefins to Form gem-Difluoroalkenes. Chinese Journal of Organic Chemistry, 2020, 40, 1076.	0.6	4
130	Optically active N-alkyl aziridines via stereospecific reductive cyclization of Î±-mesylated acetamides. Organic Chemistry Frontiers, 2018, 5, 2723-2727.	2.3	3
131	Sustainable and Affordable Chemistry. ChemCatChem, 2019, 11, 5660-5661.	1.8	3
132	Enantioselective Î±â€Carbonylative Arylation for Facile Construction of Chiral Spirocyclic Î²,Î²â€²â€Diketones. Angewandte Chemie, 2021, 133, 10066-10071.	1.6	2
133	New Chiral Phosphorus Ligands for Enantioselective Hydrogenation. ChemInform, 2003, 34, no.	0.1	1
134	Câ€“H Bond Formation by Asymmetric and Stereoselective Hydrogenation. , 2007, , 1-70.		1
135	The Power of Organotransition Metal Catalysis in Synthesizing Organic Molecules. Organometallics, 2021, 40, 2179-2181.	1.1	1
136	Highly Efficient Synthesis of Chiral Î²-Amino Acid Derivatives via Asymmetric Hydrogenation.. ChemInform, 2003, 34, no.	0.1	0
137	Highly Enantioselective Hydrogenation of Enol Acetates Catalyzed by Ruâ€”TunaPhos Complexes.. ChemInform, 2003, 34, no.	0.1	0
138	Asymmetric Hydrogenation of Itaconic Acid and Enol Acetate Derivatives with the Rh-TangPhos Catalyst.. ChemInform, 2003, 34, no.	0.1	0
139	Phospholaneâ€”Oxazoline Ligands for Ir-Catalyzed Asymmetric Hydrogenation.. ChemInform, 2003, 34, no.	0.1	0
140	A Bisphosphepine Ligand with Stereogenic Phosphorus Centers for the Practical Synthesis of Î²-Aryl-Î²-amino Acids by Asymmetric Hydrogenation.. ChemInform, 2003, 34, no.	0.1	0
141	Enantioselective Hydrogenation of Tetrasubstituted Olefins of Cyclic Î²-(Acylamino)acrylates.. ChemInform, 2003, 34, no.	0.1	0
142	Cover Picture: Structural Revision and Total Synthesis of Azaspiracid-1, Part 1: Intelligence Gathering and Tentative Proposal (Angew. Chem. Int. Ed. 33/2004). Angewandte Chemie - International Edition, 2004, 43, 4239-4239.	7.2	0
143	Synthesis of a New Class of Conformationally Rigid Phosphino-oxazolines: Highly Enantioselective Ligands for Ir-Catalyzed Asymmetric Hydrogenation.. ChemInform, 2004, 35, no.	0.1	0
144	Sodium-Proton Exchanger Isoform-1: Synthesis of a Potent Inhibitor Labeled with Deuterium and Carbon-14. Current Radiopharmaceuticals, 2013, 6, 7-11.	0.3	0

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145	A substituted tricyclohexylphosphane with â€œconformational lockâ€• Tetrahedron, 2020, 76, 131216.	1.0	0