

Wenjun Tang

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142
papers

7,787
citations

44
h-index

85
g-index

186
ext. papers

8,816
ext. citations

8.7
avg, IF

6.42
L-index

#	Paper	IF	Citations
142	New chiral phosphorus ligands for enantioselective hydrogenation. <i>Chemical Reviews</i> , 2003 , 103, 3029-708.1	16.4	1932
141	Efficient syntheses of korupensamines A, B and michellamine B by asymmetric Suzuki-Miyaura coupling reactions. <i>Journal of the American Chemical Society</i> , 2014 , 136, 570-3	16.4	236
140	A chiral 1,2-bisphospholane ligand with a novel structural motif: applications in highly enantioselective Rh-catalyzed hydrogenations. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 1612-44	16.4	229
139	Highly effective chiral ortho-substituted BINAPO ligands (o-BINAPO): applications in Ru-catalyzed asymmetric hydrogenations of beta-aryl-substituted beta-(acylamino)acrylates and beta-keto esters. <i>Journal of the American Chemical Society</i> , 2002 , 124, 4952-3	16.4	184
138	Chiral Monophosphorus Ligands for Asymmetric Catalytic Reactions. <i>ACS Catalysis</i> , 2016 , 6, 4814-4858	13.1	147
137	A general and special catalyst for Suzuki-Miyaura coupling processes. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 5879-83	16.4	145
136	Synthesis of Chiral β -Amino Tertiary Boronic Esters by Enantioselective Hydroboration of β -Arylenamides. <i>Journal of the American Chemical Society</i> , 2015 , 137, 6746-9	16.4	138
135	A bisphosphopine ligand with stereogenic phosphorus centers for the practical synthesis of beta-aryl-beta-amino acids by asymmetric hydrogenation. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 3509-11	16.4	138
134	Enantioselective hydrogenation of tetrasubstituted olefins of cyclic beta-(acylamino)acrylates. <i>Journal of the American Chemical Society</i> , 2003 , 125, 9570-1	16.4	133
133	Enantioselective palladium-catalyzed dearomative cyclization for the efficient synthesis of terpenes and steroids. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 3033-7	16.4	129
132	Structural revision and total synthesis of azaspiracid-1, part 2: definition of the ABCD domain and total synthesis. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 4318-24	16.4	127
131	P-Chiral Phosphorus Ligands Based on a 2,3-Dihydrobenzo[d][1,3]oxaphosphole Motif for Asymmetric Catalysis. <i>Accounts of Chemical Research</i> , 2019 , 52, 1101-1112	24.3	122
130	Efficient chiral monophosphorus ligands for asymmetric Suzuki-Miyaura coupling reactions. <i>Organic Letters</i> , 2012 , 14, 2258-61	6.2	122
129	Novel, tunable, and efficient chiral bisdihydrobenzooxaphosphole ligands for asymmetric hydrogenation. <i>Organic Letters</i> , 2010 , 12, 176-9	6.2	116
128	Phospholane-oxazoline ligands for Ir-catalyzed asymmetric hydrogenation. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 943-6	16.4	116
127	Copper catalyzed asymmetric propargylation of aldehydes. <i>Journal of the American Chemical Society</i> , 2010 , 132, 7600-1	16.4	108
126	Aromatic nucleophilic substitution or CuI-catalyzed coupling route to martinellie acid. <i>Journal of Organic Chemistry</i> , 2003 , 68, 442-51	4.2	107

125	Highly efficient synthesis of chiral beta-amino acid derivatives via asymmetric hydrogenation. <i>Organic Letters</i> , 2002 , 4, 4159-61	6.2	107
124	Design of phosphorus ligands with deep chiral pockets: practical synthesis of chiral β -arylamines by asymmetric hydrogenation. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 4235-8	16.4	104
123	Efficient monophosphorus ligands for palladium-catalyzed Miyaura borylation. <i>Organic Letters</i> , 2011 , 13, 1366-9	6.2	101
122	Total synthesis and structural elucidation of azaspiracid-1. Final assignment and total synthesis of the correct structure of azaspiracid-1. <i>Journal of the American Chemical Society</i> , 2006 , 128, 2859-72	16.4	89
121	Synthesis of a new class of conformationally rigid phosphino-oxazolines: highly enantioselective ligands for Ir-catalyzed asymmetric hydrogenation. <i>Organic Letters</i> , 2004 , 6, 513-6	6.2	88
120	Structural revision and total synthesis of azaspiracid-1, part 1: intelligence gathering and tentative proposal. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 4312-8	16.4	86
119	Asymmetric hydrogenation of itaconic acid and enol acetate derivatives with the Rh-TangPhos catalyst. <i>Organic Letters</i> , 2003 , 5, 205-7	6.2	84
118	An efficient method for sterically demanding Suzuki-Miyaura coupling reactions. <i>Chemistry - A European Journal</i> , 2013 , 19, 2261-5	4.8	75
117	An ortho-substituted BIPHEP ligand and its applications in Rh-catalyzed hydrogenation of cyclic enamides. <i>Organic Letters</i> , 2002 , 4, 1695-8	6.2	74
116	Highly enantioselective hydrogenation of enol acetates catalyzed by Ru-TunaPhos complexes. <i>Organic Letters</i> , 2002 , 4, 4495-7	6.2	72
115	Novel and efficient chiral bisphosphorus ligands for rhodium-catalyzed asymmetric hydrogenation. <i>Organic Letters</i> , 2010 , 12, 1104-7	6.2	69
114	Synthesis of Chiral 1,4-Benzodioxanes and Chromans by Enantioselective Palladium-Catalyzed Alkene Aryloxyarylation Reactions. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 5044-8	16.4	67
113	Efficient synthesis of sterically hindered arenes bearing acyclic secondary alkyl groups by Suzuki-Miyaura cross-couplings. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 3792-6	16.4	67
112	A Chiral 1,2-Bisphospholane Ligand with a Novel Structural Motif: Applications in Highly Enantioselective Rh-Catalyzed Hydrogenations. <i>Angewandte Chemie</i> , 2002 , 114, 1682-1684	3.6	66
111	Transition-metal catalyzed asymmetric carbon-carbon cross-coupling with chiral ligands. <i>Tetrahedron</i> , 2016 , 72, 6143-6174	2.4	65
110	Enantioselective formation of quaternary carbon stereocenters in natural product synthesis: a recent update. <i>Natural Product Reports</i> , 2020 , 37, 276-292	15.1	65
109	Highly enantioselective nickel-catalyzed intramolecular reductive cyclization of alkynones. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 2520-4	16.4	58
108	Enantioselective Synthesis of Chiral-at-Cage o-Carboranes via Pd-Catalyzed Asymmetric B-H Substitution. <i>Journal of the American Chemical Society</i> , 2018 , 140, 4508-4511	16.4	54

107	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 C-H Olefination. <i>Journal of the American Chemical Society</i> , 2017 , 139, 5558-5567	16.4	53
106	Efficient syntheses of (-)-crinine and (-)-aspidospermidine, and the formal synthesis of (-)-minfiensine by enantioselective intramolecular dearomative cyclization. <i>Chemical Science</i> , 2017 , 8, 6247-6256	9.4	53
105	Oxaphosphole-Based Monophosphorus Ligands for Palladium-Catalyzed Amination Reactions. <i>Advanced Synthesis and Catalysis</i> , 2011 , 353, 533-537	5.6	52
104	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. <i>Journal of the American Chemical Society</i> , 2006 , 128, 2258-67	16.4	50
103	Efficient Enantioselective Syntheses of (+)-Dalesconol A and B. <i>Journal of the American Chemical Society</i> , 2017 , 139, 3360-3363	16.4	49
102	Efficient synthesis of P-chiral biaryl phosphonates by stereoselective intramolecular cyclization. <i>Organic Chemistry Frontiers</i> , 2015 , 2, 1342-1345	5.2	49
101	Highly Enantioselective Rhodium-Catalyzed Addition of Arylboroxines to Simple Aryl Ketones: Efficient Synthesis of Escitalopram. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 4527-31	16.4	49
100	A Bisphosphine Ligand with Stereogenic Phosphorus Centers for the Practical Synthesis of β -Aryl- α -Amino Acids by Asymmetric Hydrogenation. <i>Angewandte Chemie</i> , 2003 , 115, 3633-3635	3.6	46
99	Asymmetric Synthesis of 3,4-Dihydroquinolin-2-ones via a Stereoselective Palladium-Catalyzed Decarboxylative [4 + 2]- Cycloaddition. <i>Organic Letters</i> , 2018 , 20, 104-107	6.2	45
98	A General and Special Catalyst for Suzuki-Miyaura Coupling Processes. <i>Angewandte Chemie</i> , 2010 , 122, 6015-6019	3.6	44
97	Enantioselective Palladium-Catalyzed Dearomative Cyclization for the Efficient Synthesis of Terpenes and Steroids. <i>Angewandte Chemie</i> , 2015 , 127, 3076-3080	3.6	43
96	Practical and Asymmetric Reductive Coupling of Isoquinolines Templated by Chiral Diborons. <i>Journal of the American Chemical Society</i> , 2017 , 139, 9767-9770	16.4	42
95	A facile and practical synthesis of N-acetyl enamides. <i>Journal of Organic Chemistry</i> , 2009 , 74, 9528-30	4.2	42
94	Sequential C-H Arylation and Enantioselective Hydrogenation Enables Ideal Asymmetric Entry to the Indenopiperidine Core of an 11 β HSD-1 Inhibitor. <i>Journal of the American Chemical Society</i> , 2016 , 138, 15473-15481	16.4	41
93	Addressing the Challenges in Suzuki-Miyaura Cross-Couplings by Ligand Design. <i>Synlett</i> , 2016 , 27, 2183-2200	2.0	41
92	Transition-Metal-Free Stereospecific Cross-Coupling with Alkenylboronic Acids as Nucleophiles. <i>Journal of the American Chemical Society</i> , 2016 , 138, 10774-7	16.4	41
91	Structural Revision and Total Synthesis of Azaspiracid-1, Part 2: Definition of the ABCD Domain and Total Synthesis. <i>Angewandte Chemie</i> , 2004 , 116, 4418-4424	3.6	39
90	Enantioselective palladium-catalyzed diboration of 1,1-disubstituted allenes. <i>Chemical Science</i> , 2017 , 8, 5161-5165	9.4	37

89	Design of Phosphorus Ligands with Deep Chiral Pockets: Practical Synthesis of Chiral β -Arylamines by Asymmetric Hydrogenation. <i>Angewandte Chemie</i> , 2013 , 125, 4329-4332	3.6	37
88	Concise and Practical Asymmetric Synthesis of a Challenging Atropisomeric HIV Integrase Inhibitor. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 7144-8	16.4	36
87	Enantioselective Cross-Coupling for Axially Chiral Tetra-ortho-Substituted Biaryls and Asymmetric Synthesis of Gossypol. <i>Journal of the American Chemical Society</i> , 2020 , 142, 8036-8043	16.4	35
86	Enantioselective nickel-catalyzed alkylative alkyne-aldehyde cross-couplings. <i>Organic Chemistry Frontiers</i> , 2015 , 2, 1322-1325	5.2	34
85	Asymmetric ring-opening of oxabenzonorbornadiene with amines promoted by a chiral iridium-monophosphine catalyst. <i>Chemical Communications</i> , 2013 , 49, 9959-61	5.8	34
84	A chiral ruthenium-monophosphine catalyst for asymmetric addition of arylboronic acids to aryl aldehydes. <i>Journal of Organic Chemistry</i> , 2013 , 78, 6350-5	4.2	34
83	Enantioselective Rhodium-Catalyzed Addition of Arylboronic Acids to Trifluoromethyl Ketones. <i>Advanced Synthesis and Catalysis</i> , 2013 , 355, 1297-1302	5.6	32
82	Enantioselective Palladium-Catalyzed Cross-Coupling of β -Bromo Carboxamides and Aryl Boronic Acids. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 11355-11359	16.4	31
81	Phospholane-Oxazoline Ligands for Ir-Catalyzed Asymmetric Hydrogenation. <i>Angewandte Chemie</i> , 2003 , 115, 973-976	3.6	31
80	Stereoelectronic Effects in Ligand Design: Enantioselective Rhodium-Catalyzed Hydrogenation of Aliphatic Cyclic Tetrasubstituted Enamides and Concise Synthesis of (R)-Tofacitinib. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 13573-13583	16.4	30
79	Sterically demanding aryl-alkyl Suzuki-Miyaura coupling. <i>Organic Chemistry Frontiers</i> , 2014 , 1, 225-229	5.2	30
78	Structure toxicity relationships of synthetic azaspiracid-1 and analogs in mice. <i>Harmful Algae</i> , 2006 , 5, 586-591	5.3	30
77	Efficient Synthesis of (-)-Corynoline by Enantioselective Palladium-Catalyzed β -Arylation with Sterically Hindered Substrates. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 12328-12332	16.4	29
76	The P-Chiral Phosphane Ligand (MeO-BIBOP) for Efficient and Practical Large-Scale Rh-Catalyzed Asymmetric Hydrogenation of N-Acetyl Enamides with High TONs. <i>Organic Process Research and Development</i> , 2013 , 17, 1061-1065	3.9	29
75	Efficient Synthesis of Sterically Hindered Arenes Bearing Acyclic Secondary Alkyl Groups by Suzuki-Miyaura Cross-Couplings. <i>Angewandte Chemie</i> , 2015 , 127, 3863-3867	3.6	28
74	A new chiral ruthenium complex for catalytic asymmetric cyclopropanation. <i>Tetrahedron Letters</i> , 2002 , 43, 3075-3078	2	28
73	A 9-pool metabolic structured kinetic model describing days to seconds dynamics of growth and product formation by <i>Penicillium chrysogenum</i> . <i>Biotechnology and Bioengineering</i> , 2017 , 114, 1733-1743 ⁴	4.9	27
72	Enantioselective Rhodium-Catalyzed Addition of Arylboroxines to N-Unprotected Ketimines: Efficient Synthesis of Cipargamin. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 16119-16123	16.4	27

71	Search for Ideal P-Chiral Phosphorus Ligands for Practical Asymmetric Hydrogenation and Asymmetric Suzuki-Miyaura Coupling. <i>Synlett</i> , 2013 , 24, 2465-2471	2.2	27
70	Structural Revision and Total Synthesis of Azaspiracid-1, Part 1: Intelligence Gathering and Tentative Proposal. <i>Angewandte Chemie</i> , 2004 , 116, 4412-4418	3.6	27
69	Formation of 2-Trifluoromethylphenyl Grignard Reagent via Magnesium-Halogen Exchange: Process Safety Evaluation and Concentration Effect. <i>Organic Process Research and Development</i> , 2009 , 13, 1426-1430	3.9	26
68	A Catalytic Asymmetric Three-Component 1,4-Addition/Aldol Reaction: Enantioselective Synthesis of the Spirocyclic System of Vannusal A. <i>Angewandte Chemie</i> , 2005 , 117, 3942-3947	3.6	26
67	Development and Clinical Application of Phosphorus-Containing Drugs. <i>Medicine in Drug Discovery</i> , 2020 , 8, 100063	7	26
66	Enantioselective Reductive Coupling of Imines Templated by Chiral Diboron. <i>Journal of the American Chemical Society</i> , 2020 , 142, 10337-10342	16.4	25
65	Stereospecific Nucleophilic Substitution with Arylboronic Acids as Nucleophiles in the Presence of a CONH Group. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 7176-7180	16.4	24
64	Synthesis of Chiral 1,4-Benzodioxanes and Chromans by Enantioselective Palladium-Catalyzed Alkene Aryloxyarylation Reactions. <i>Angewandte Chemie</i> , 2016 , 128, 5128-5132	3.6	24
63	Rhodium-Catalyzed Asymmetric Hydrogenation 2005 , 1-31		23
62	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. <i>Organic Letters</i> , 2018 , 20, 4121-4125	6.2	23
61	Efficient synthesis of chiral biaryls via asymmetric Suzuki-Miyaura cross-coupling of ortho-bromo aryl triflates. <i>Tetrahedron</i> , 2016 , 72, 5178-5183	2.4	22
60	A practical synthesis of 2-amino-2'-hydroxy-1,1'-binaphthyl (NOBIN). <i>Tetrahedron Letters</i> , 2002 , 43, 7163-7165	2.2	22
59	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. <i>Organic Process Research and Development</i> , 2007 , 11, 605-608	3.9	21
58	General and Stereospecific Route to 9-Substituted, 8,9-Disubstituted, and 9,10-Disubstituted Analogues of Benzolactam-V8. <i>Journal of Organic Chemistry</i> , 1999 , 64, 6366-6373	4.2	21
57	Asymmetric Hydroesterification of Diarylmethyl Carbinols. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 6305-6309	16.4	21
56	A Practical Asymmetric Synthesis of Isopropyl (1R,2S)-Dehydrocoronamate. <i>Organic Process Research and Development</i> , 2011 , 15, 1207-1211	3.9	20
55	Development of an Enantioselective Hydrogenation Route to (S)-1-(2-(Methylsulfonyl)pyridin-4-yl)propan-1-amine. <i>Organic Process Research and Development</i> , 2014 , 18, 904-911	3.9	19
54	Development of Efficient Asymmetric Suzuki-Miyaura Cross-Coupling and Applications in Synthesis. <i>Chinese Journal of Organic Chemistry</i> , 2014 , 34, 1919	3	17

53	Efficient Enantioselective Syntheses of Chiral Natural Products Facilitated by Ligand Design. <i>Chemical Record</i> , 2020 , 20, 23-40	6.6	17
52	Pyrrolidines and piperidines bearing chiral tertiary alcohols by nickel-catalyzed enantioselective reductive cyclization of N-alkynones. <i>Communications Chemistry</i> , 2018 , 1,	6.3	17
51	Comparative performance of different scale-down simulators of substrate gradients in <i>Penicillium chrysogenum</i> cultures: the need of a biological systems response analysis. <i>Microbial Biotechnology</i> , 2018 , 11, 486-497	6.3	16
50	A Mild Palladium-Catalyzed Suzuki Coupling Reaction of Quinoline Carboxylates with Boronic Acids. <i>Advanced Synthesis and Catalysis</i> , 2011 , 353, 1671-1675	5.6	16
49	Synthesis of Tertiary allylsilanes by palladium-catalyzed hydrosilylation of 1,1-disubstituted allenes. <i>Green Synthesis and Catalysis</i> , 2020 , 1, 171-174	9.3	16
48	Highly Enantioselective Rhodium-Catalyzed Addition of Arylboroxines to Simple Aryl Ketones: Efficient Synthesis of Escitalopram. <i>Angewandte Chemie</i> , 2016 , 128, 4603-4607	3.6	16
47	Construction of Various Bridged Polycyclic Skeletons by Palladium-Catalyzed Dearomatization. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 8143-8147	16.4	15
46	Efficient cross-coupling of aryl/alkenyl triflates with acyclic secondary alkylboronic acids. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 9903-9909	3.9	15
45	Enantioselective palladium-catalyzed C(sp ²)-H carbamoylation. <i>Tetrahedron</i> , 2019 , 75, 3239-3247	2.4	14
44	Synthesis of triptoquinone H and its C-5 epimer via efficient asymmetric dearomative cyclization. <i>Tetrahedron</i> , 2016 , 72, 1782-1786	2.4	14
43	Highly Enantioselective Nickel-Catalyzed Intramolecular Reductive Cyclization of Alkynones. <i>Angewandte Chemie</i> , 2015 , 127, 2550-2554	3.6	14
42	Efficient P-Chiral Biaryl Bisphosphorus Ligands for Palladium-Catalyzed Asymmetric Hydrogenation. <i>Chinese Journal of Chemistry</i> , 2018 , 36, 153-156	4.9	14
41	Mechanistic insights into asymmetric reductive coupling of isoquinolines by a chiral diboron with DFT calculations. <i>Journal of Organometallic Chemistry</i> , 2018 , 864, 97-104	2.3	12
40	Phosphorus Ligands from the Zhang Lab: Design, Asymmetric Hydrogenation, and Industrial Applications. <i>Chinese Journal of Chemistry</i> , 2021 , 39, 954-968	4.9	12
39	Enantioselective Construction of Spiro Quaternary Carbon Stereocenters via Pd-Catalyzed Intramolecular Arylation. <i>Organic Letters</i> , 2020 , 22, 4602-4607	6.2	11
38	P-Chiral Monophosphorus Ligands for Asymmetric Copper-Catalyzed Allylic Alkylation. <i>Organometallics</i> , 2019 , 38, 4003-4013	3.8	10
37	Concise and Practical Asymmetric Synthesis of a Challenging Atropisomeric HIV Integrase Inhibitor. <i>Angewandte Chemie</i> , 2015 , 127, 7250-7254	3.6	10
36	Stereospecific Nucleophilic Substitution with Arylboronic Acids as Nucleophiles in the Presence of a CONH Group. <i>Angewandte Chemie</i> , 2018 , 130, 7294-7298	3.6	9

35	Enantioselective Rhodium-Catalyzed Addition of Arylboroxines to N-Unprotected Ketimines: Efficient Synthesis of Cipargamin. <i>Angewandte Chemie</i> , 2019 , 131, 16265-16269	3.6	9
34	Enantioselective β -Carbonylative Arylation for Facile Construction of Chiral Spirocyclic β -Diketones. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 9978-9983	16.4	9
33	Construction of Bridged Polycyclic Skeletons via Transition-Metal Catalyzed Carbon-Carbon Bond-Forming Reactions. <i>Chemistry - A European Journal</i> , 2021 , 27, 3944-3956	4.8	9
32	Stereospecific synthesis of 9-substituted benzolactam-V8 from L-tyrosine via regioselective aromatic nitration. <i>Tetrahedron Letters</i> , 1998 , 39, 7369-7372	2	8
31	Asymmetric Hydroesterification of Diarylmethyl Carbinols. <i>Angewandte Chemie</i> , 2021 , 133, 6375-6379	3.6	8
30	Efficient Synthesis of (\pm) -Corynoline by Enantioselective Palladium-Catalyzed β -Arylation with Sterically Hindered Substrates. <i>Angewandte Chemie</i> , 2018 , 130, 12508-12512	3.6	8
29	A Versatile Synthesis of Vinyl-Substituted Heterocycles via Regio- and Enantioselective Pd-Catalyzed Tandem Allylic Substitution. <i>Organic Letters</i> , 2020 , 22, 4483-4488	6.2	7
28	General Synthesis of Chiral β -Diaryl Carboxamides by Enantioselective Palladium-Catalyzed Cross-Coupling. <i>Organic Letters</i> , 2020 , 22, 4974-4978	6.2	7
27	Stereoelectronic Effects in Ligand Design: Enantioselective Rhodium-Catalyzed Hydrogenation of Aliphatic Cyclic Tetrasubstituted Enamides and Concise Synthesis of (R)-Tofacitinib. <i>Angewandte Chemie</i> , 2019 , 131, 13707-13717	3.6	6
26	Efficient Synthesis of Chiral Drugs Facilitated by P-Chiral Phosphorus Ligands. <i>Chinese Journal of Organic Chemistry</i> , 2020 , 40, 1409	3	6
25	Construction of Various Bridged Polycyclic Skeletons by Palladium-Catalyzed Dearomatization. <i>Angewandte Chemie</i> , 2020 , 132, 8220-8224	3.6	5
24	Ligand-free nickel-catalyzed Kumada couplings of aryl bromides with tert-butyl Grignard reagents. <i>Chinese Chemical Letters</i> , 2019 , 30, 597-600	8.1	5
23	Synthesis of a Sodium-Hydrogen Exchange Type 1 Inhibitor: An Efficient Cu-Catalyzed Conjugated Addition of a Grignard Reagent to an Acetyl Pyridinium Salt. <i>Organic Process Research and Development</i> , 2013 , 17, 382-389	3.9	4
22	NiH-Catalyzed Migratory Defluorinative Olefin Cross-Coupling: Trifluoromethyl-Substituted Alkenes as Acceptor Olefins to Form gem-Difluoroalkenes. <i>Chinese Journal of Organic Chemistry</i> , 2020 , 40, 1076	3	4
21	Enantioselective hydrogenation of cyclic tetrasubstituted-olefinic dehydroamino acid derivatives. <i>Chemical Communications</i> , 2021 , 57, 5546-5549	5.8	4
20	Recent advances in total syntheses of complex dimeric natural products. <i>Chemical Society Reviews</i> , 2021 , 50, 2320-2336	58.5	4
19	Enantioselective Palladium-Catalyzed Cross-Coupling of β -Bromo Carboxamides and Aryl Boronic Acids. <i>Angewandte Chemie</i> , 2019 , 131, 11477	3.6	3
18	Practical Syntheses of N-Acetyl (E)- β -Arylenamides. <i>Synthesis</i> , 2013 , 45, 3355-3360	2.9	3

17	Enantioselective α -Carbonylative Arylation for Facile Construction of Chiral Spirocyclic β -Diketones. <i>Angewandte Chemie</i> , 2021 , 133, 10066-10071	3.6	2
16	Metal-free reduction of unsaturated carbonyls, quinones, and pyridinium salts with tetrahydroxydiboron/water. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 4327-4337	3.9	2
15	Optically active N-alkyl aziridines via stereospecific reductive cyclization of β -mesylated acetamides. <i>Organic Chemistry Frontiers</i> , 2018 , 5, 2723-2727	5.2	1
14	C-B Bond Formation by Asymmetric and Stereoselective Hydrogenation 2007 , 1-70		1
13	Palladium-catalyzed reductive cross-coupling between β -bromo carboxamides and terminal alkynes. <i>Organic Chemistry Frontiers</i> , 2020 , 7, 3505-3508	5.2	1
12	Regioselective 2-alkylation of indoles with β -bromo esters catalyzed by Pd/P,P=O system. <i>Chinese Chemical Letters</i> , 2021 , 33, 197-197	8.1	1
11	A facile and practical preparation of P-chiral phosphine oxides. <i>Chemical Communications</i> , 2021 , 57, 3335-3338	5.3	1
10	Enantioselective total synthesis of parnafungin A1 and 10a-hirtusneanine. <i>Chemical Science</i> , 2021 , 12, 10313-10320	9.4	1
9	Asymmetric Synthesis of Axially Chiral Natural Products 2021 , 173-207		1
8	Synthesis of β -Heteroaryl Propionic Esters by Palladium-Catalyzed β -Heteroarylation of Silyl Ketene Acetals. <i>Organic Letters</i> , 2021 , 23, 6439-6443	6.2	1
7	Synthesis of N-Acetyl Enamides by Reductive Acetylation of Oximes Mediated with Iron(II) Acetate: N-(1-(4-Bromophenyl)vinyl)acetamide 2014 , 62-73		1
6	Isopropylmagnesium Bromide 2017 , 1-11		
5	Sodium-proton exchanger isoform-1: synthesis of a potent inhibitor labeled with deuterium and carbon-14. <i>Current Radiopharmaceuticals</i> , 2013 , 6, 7-11	1.8	
4	The other Bisphosphine Ligands for Enantioselective Alkene Hydrogenation 853-882		
3	Cover Picture: Structural Revision and Total Synthesis of Azaspiracid-1, Part 1: Intelligence Gathering and Tentative Proposal (Angew. Chem. Int. Ed. 33/2004). <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 4239-4239	16.4	
2	Titelbild: Structural Revision and Total Synthesis of Azaspiracid-1, Part 1: Intelligence Gathering and Tentative Proposal (Angew. Chem. 33/2004). <i>Angewandte Chemie</i> , 2004 , 116, 4335-4335	3.6	
1	A substituted tricyclohexylphosphane with conformational lock <i>Tetrahedron</i> , 2020 , 76, 131216	2.4	