

# Wanbin Zhang

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/4688115/wanbin-zhang-publications-by-year.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

273  
papers

8,597  
citations

49  
h-index

76  
g-index

308  
ext. papers

10,533  
ext. citations

6.5  
avg, IF

6.82  
L-index

#	Paper	IF	Citations
273	Cu-catalyzed asymmetric addition of alcohols to $\beta$ -alkynyl- $\beta$ -amino esters for the construction of linear chiral N,O-ketals.. <i>Nature Communications</i> , <b>2022</b> , 13, 400	17.4	1
272	Nickel/Copper-Cocatalyzed Asymmetric Benzoylation of Aldimine Esters for the Enantioselective Synthesis of $\beta$ -Quaternary Amino Acids.. <i>Angewandte Chemie - International Edition</i> , <b>2022</b> ,	16.4	3
271	Pd-Catalyzed Asymmetric Allylic Substitution Cascade of Substituted 4-Hydroxy-2-pyrones with -Allyl Dicarbonates.. <i>Organic Letters</i> , <b>2022</b> , 24, 3440-3444	6.2	2
270	Development of Nickel-Catalyzed Cross-Coupling of Alcohol Derivatives to Construct Carbon-Carbon Bonds. <i>Chinese Journal of Organic Chemistry</i> , <b>2021</b> , 41, 4208	3	0
269	Chemical Synthesis of the Anti-COVID-19 Drug Remdesivir. <i>Current Protocols</i> , <b>2021</b> , 1, e303		3
268	Asymmetric hydrogenation for the synthesis of 2-substituted chiral morpholines.. <i>Chemical Science</i> , <b>2021</b> , 12, 15061-15066	9.4	1
267	Development of Earth-Abundant Metals-Catalyzed Enantioselective Alkenylations Using Alkenyl Metal Reagents. <i>Acta Chimica Sinica</i> , <b>2021</b> , 79, 1331	3.3	1
266	Pd(II)-Catalyzed Enantioselective Ring-Contraction for the Construction of 1,4-Benzoxazines. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 16573-16581	4.2	1
265	Asymmetric Hydroacylation Involving Alkene Isomerization for the Construction of C-Chirogenic Center. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 8997-9002	16.4	5
264	Ir-catalyzed asymmetric hydrogenation of 3-arylidenedones for the synthesis of chiral 3-arylidanones. <i>Tetrahedron</i> , <b>2021</b> , 84, 132003	2.4	3
263	Synergistic Ir/Cu Catalysis for Asymmetric Allylic Alkylation of Oxindoles: Enantio- and Diastereoselective Construction of Quaternary and Tertiary Stereocenters. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 10255-10260	4.8	2
262	One Stone Two Birds: Enantioselective Bimetallic Catalysis for $\beta$ -Amino Acid Derivatives with an Allene Unit. <i>Chinese Journal of Chemistry</i> , <b>2021</b> , 39, 1958-1964	4.9	7
261	Mechanistic Study of Ni and Cu Dual Catalyst for Asymmetric C-C Bond Formation; Asymmetric Coupling of 1,3-Dienes with C-nucleophiles to Construct Vicinal Stereocenters. <i>ACS Catalysis</i> , <b>2021</b> , 11, 6643-6655	13.1	18
260	Cobalt-Catalyzed Chemo- and Enantioselective Hydrogenation of Conjugated Enynes. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 17126-17130	3.6	4
259	Synthesis and biological evaluation of naphthoquinone phenacylimidazolium derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2021</b> , 41, 127977	2.9	1
258	Nickel-Catalyzed Asymmetric Hydrogenation of Hydrazones. <i>European Journal of Organic Chemistry</i> , <b>2021</b> , 2021, 3421-3425	3.2	9
257	Cobalt-Catalyzed Chemo- and Enantioselective Hydrogenation of Conjugated Enynes. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 16989-16993	16.4	13

256	Chiral Bicyclic Imidazole-Catalyzed Acylative Dynamic Kinetic Resolution for the Synthesis of Chiral Phthalidyl Esters. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 1641-1645	16.4	13
255	Chiral Bicyclic Imidazole-Catalyzed Acylative Dynamic Kinetic Resolution for the Synthesis of Chiral Phthalidyl Esters. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 1665-1669	3.6	2
254	Stereodivergent Pd/Cu Catalysis for the Construction of Allenyl Axial Chirality and Central Chirality. <i>Chinese Journal of Organic Chemistry</i> , <b>2021</b> , 41, 3337	3	2
253	Asymmetric Hydroacylation Involving Alkene Isomerization for the Construction of C3-Chirogenic Center. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 9079-9084	3.6	
252	Synthesis of Chiral 2-Substituted 1,4-Benzoxazin-3-ones via Iridium-Catalyzed Enantioselective Hydrogenation of Benzoxazinones. <i>Organic Letters</i> , <b>2021</b> , 23, 5373-5377	6.2	0
251	Enantio- and Diastereodivergent Construction of 1,3-Nonadjacent Stereocenters Bearing Axial and Central Chirality through Synergistic Pd/Cu Catalysis. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 12622-12632	16.4	20
250	Enantio- and Diastereodivergent Synthesis of Spirocycles through Dual-Metal-Catalyzed [3+2] Annulation of 2-Vinyloxiranes with Nucleophilic Dipoles. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 24941-24949	16.4	18
249	Rhodium-Catalyzed Asymmetric Hydrogenation of 3-Benzoylaminocoumarins for the Synthesis of Chiral 3-Amino Dihydrocoumarins. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 23602-23607	16.4	4
248	Rhodium-Catalyzed Asymmetric Hydrogenation of 3-Benzoylaminocoumarins for the Synthesis of Chiral 3-Amino Dihydrocoumarins. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 23794	3.6	0
247	Stereodivergent Pd/Cu catalysis: asymmetric alkylation of racemic symmetrical 1,3-diphenyl allyl acetates. <i>Organic and Biomolecular Chemistry</i> , <b>2021</b> , 19, 1955-1959	3.9	5
246	Pd-Catalyzed Asymmetric Allylic Substitution Cascade of But-2-ene-1,4-diyl Dimethyl Dicarboxylate for the Synthesis of Chiral 2,3-Dihydrofurans. <i>Organic Letters</i> , <b>2020</b> , 22, 4680-4685	6.2	7
245	Asymmetric synthesis of allylic compounds via hydrofunctionalisation and difunctionalisation of dienes, allenes, and alkynes. <i>Chemical Society Reviews</i> , <b>2020</b> , 49, 2060-2118	58.5	105
244	Asymmetric Hydrogenation of $\beta$ -Boryl Enamides Enabled by Nonbonding Interactions. <i>ACS Catalysis</i> , <b>2020</b> , 10, 3232-3240	13.1	19
243	A Co(II)-catalyzed asymmetric ring opening reaction of spiro-epoxyoxindoles with allylboron. <i>Organic Chemistry Frontiers</i> , <b>2020</b> , 7, 862-867	5.2	12
242	The role of survivin in the progression of pancreatic ductal adenocarcinoma (PDAC) and a novel survivin-targeted therapeutic for PDAC. <i>PLoS ONE</i> , <b>2020</b> , 15, e0226917	3.7	6
241	Nickel-Catalyzed Asymmetric Hydrogenation of 2-Amidoacrylates. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 5409-5413	5.13	15
240	Nickel-Catalyzed Asymmetric Hydrogenation of 2-Amidoacrylates. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 5371-5375	16.4	42
239	Pd-Catalyzed Asymmetric Allylic Substitution Annulation Using Enolizable Ketimines as Nucleophiles: An Alternative Approach to Chiral Tetrahydroindoles. <i>Advanced Synthesis and Catalysis</i> , <b>2020</b> , 362, 2059-2069	5.6	5

- 238 A step-economic and one-pot access to chiral C-tetrasubstituted amino acid derivatives a bicyclic imidazole-catalyzed direct enantioselective acylation. *Chemical Science*, **2020**, 11, 4801-4807 9.4 8
- 237 Asymmetric Allylic Alkylation of Ketoesters via C-N Bond Cleavage of N-Allyl-N-methylaniline Derivatives Catalyzed by a Nickel-Diphosphine System. *ACS Catalysis*, **2020**, 10, 5828-5839 13.1 16
- 236 Ni-Catalyzed Enantioconvergent Coupling of Epoxides with Alkenylboronic Acids: Construction of Oxindoles Bearing Quaternary Carbons. *CCS Chemistry*, **2020**, 2, 623-631 7.2 5
- 235 Ni-Catalyzed Enantioconvergent Coupling of Epoxides with Alkenylboronic Acids: Construction of Oxindoles Bearing Quaternary Carbons. *CCS Chemistry*, **2020**, 2, 623-631 7.2 3
- 234 Efficient Synthesis of Chiral 2-Oxazolidinones via Ni-Catalyzed Asymmetric Hydrogenation. *Chinese Journal of Organic Chemistry*, **2020**, 40, 4372 3 11
- 233 Synergistic Pd/Cu Catalysis in Organic Synthesis. *Chemistry - A European Journal*, **2020**, 26, 4895-4916 4.8 49
- 232 Ni-catalyzed asymmetric hydrogenation of N-aryl imino esters for the efficient synthesis of chiral aryl glycines. *Nature Communications*, **2020**, 11, 5935 17.4 36
- 231 Desymmetrization of Dicarbonatecyclohexene with Hydrazino Carboxylic Esters via a Pd-Catalyzed Allylic Substitution Cascade. *Organic Letters*, **2020**, 22, 8836-8841 6.2 7
- 230 Catalytic Asymmetric Synthesis of the anti-COVID-19 Drug Remdesivir. *Angewandte Chemie - International Edition*, **2020**, 59, 20814-20819 16.4 34
- 229 The design and synthesis of a novel chiral 1,1'-disubstituted ruthenocenyl phosphine-oxazoline ligand. *Research on Chemical Intermediates*, **2020**, 46, 5101-5115 2.8
- 228 Catalytic Asymmetric Synthesis of the anti-COVID-19 Drug Remdesivir. *Angewandte Chemie*, **2020**, 132, 21000-21005 3.6 6
- 227 Stereodivergent Pd/Cu Catalysis for the Dynamic Kinetic Asymmetric Transformation of Racemic Unsymmetrical 1,3-Disubstituted Allyl Acetates. *Journal of the American Chemical Society*, **2020**, 142, 8097-8103 16.4 67
- 226 The role of survivin in the progression of pancreatic ductal adenocarcinoma (PDAC) and a novel survivin-targeted therapeutic for PDAC **2020**, 15, e0226917
- 225 The role of survivin in the progression of pancreatic ductal adenocarcinoma (PDAC) and a novel survivin-targeted therapeutic for PDAC **2020**, 15, e0226917
- 224 The role of survivin in the progression of pancreatic ductal adenocarcinoma (PDAC) and a novel survivin-targeted therapeutic for PDAC **2020**, 15, e0226917
- 223 The role of survivin in the progression of pancreatic ductal adenocarcinoma (PDAC) and a novel survivin-targeted therapeutic for PDAC **2020**, 15, e0226917
- 222 Rh(I)-catalyzed ring-opening of cyclobutanols via C-C bond activation: Synthesis of cis-olefin with a remote aldehyde. *Tetrahedron*, **2019**, 75, 130563 2.4 4
- 221 Pd-catalyzed asymmetric allylic substitution cascade using (pyridin-1-yl)-acetamides formed as nucleophiles. *Chemical Science*, **2019**, 10, 1767-1772 9.4 18

220	Synthesis of Chiral $\beta$ -Aminosilanes through Palladium-Catalyzed Asymmetric Hydrogenation of Silylimines. <i>Organic Letters</i> , <b>2019</b> , 21, 1042-1045	6.2	20
219	Selective Asymmetric Hydrogenation of Four-Membered Exo- $\beta$ -Unsaturated Cyclobutanones Using RuPHOX-Ru as a Catalyst. <i>Organic Letters</i> , <b>2019</b> , 21, 4331-4335	6.2	13
218	Innenrücktitelbild: Nickel-Catalyzed Asymmetric Hydrogenation of N-Sulfonyl Imines (Angew. Chem. 22/2019). <i>Angewandte Chemie</i> , <b>2019</b> , 131, 7575-7575	3.6	
217	Chiral Bicyclic Imidazole-Catalyzed Direct Enantioselective C-Acylation for the Synthesis of 2-Oxindoles Bearing a Quaternary Stereocenter. <i>Asian Journal of Organic Chemistry</i> , <b>2019</b> , 8, 1024-1028	3	12
216	Chemo- and Enantioselective Hydrogenation of $\beta$ -Formyl Enamides: An Efficient Access to Chiral $\beta$ -Amido Aldehydes. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 11505-11512	16.4	34
215	Synthesis of chiral $\beta$ -lactones via a RuPHOX-Ru catalyzed asymmetric hydrogenation of $\alpha$ -acylacrylic acids. <i>Tetrahedron</i> , <b>2019</b> , 75, 3643-3649	2.4	3
214	PhI(OAc) <sub>2</sub> -mediated alkoxyoxygenation of $\beta$ -unsaturated ketoximes: Preparation of isoxazolines bearing two contiguous tetrasubstituted carbons. <i>Tetrahedron Letters</i> , <b>2019</b> , 60, 1148-1152	2	8
213	Nickel-Catalyzed Asymmetric Hydrogenation of N-Sulfonyl Imines. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 7329-7334	16.4	79
212	Nickel-Catalyzed Asymmetric Hydrogenation of N-Sulfonyl Imines. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 7407-7412	3.6	19
211	RuPHOX-Ru-Catalyzed Selective Asymmetric Hydrogenation of Exocyclic $\beta$ -Unsaturated Pentanones. <i>Organometallics</i> , <b>2019</b> , 38, 3970-3978	3.8	6
210	Chemo- and Enantioselective Hydrogenation of $\beta$ -Formyl Enamides: An Efficient Access to Chiral $\beta$ -Amido Aldehydes. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 11629	3.6	1
209	Cobalt-Catalyzed Asymmetric Hydrogenation of C=N Bonds Enabled by Assisted Coordination and Nonbonding Interactions. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 15767-15771	16.4	49
208	Benzylamine as Hydrogen Transfer Agent: Cobalt-Catalyzed Chemoselective C=C Bond Reduction of $\beta$ -trifluoromethylated $\beta$ -Unsaturated Ketones via 1,5-Hydrogen Transfer. <i>Chemistry - an Asian Journal</i> , <b>2019</b> , 14, 3835-3839	4.5	5
207	The application of the chiral ligand DTBM-SegPHOS in asymmetric hydrogenation. <i>Research on Chemical Intermediates</i> , <b>2019</b> , 45, 5959-5974	2.8	7
206	Cobalt-Catalyzed Asymmetric Hydrogenation of C=N Bonds Enabled by Assisted Coordination and Nonbonding Interactions. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 15914-15918	3.6	19
205	Mechanistic study of the solvent-controlled Pd(II)-catalyzed chemoselective intermolecular 1,2-aminoxygenation and 1,2-oxyamination of conjugated dienes. <i>Organic Chemistry Frontiers</i> , <b>2019</b> , 6, 486-492	5.2	9
204	Pd(OAc)-Catalyzed Asymmetric Hydrogenation of $\beta$ -aminoesters. <i>Organic Letters</i> , <b>2019</b> , 21, 9060-9065	6.2	10
203	Pd-Catalyzed Three-Component Chemospecific Allylic Substitution Cascade for the Synthesis of N-Carbonylmethylene-2-Pyridones. <i>Acta Chimica Sinica</i> , <b>2019</b> , 77, 993	3.3	9

202	A Pd-catalyzed asymmetric allylic substitution cascade via an asymmetric desymmetrization for the synthesis of bicyclic dihydrofurans. <i>Chemical Communications</i> , <b>2019</b> , 55, 13295-13298	5.8	10
201	Development of a new bicyclic imidazole nucleophilic organocatalyst for direct enantioselective C-acylation. <i>Organic Chemistry Frontiers</i> , <b>2019</b> , 6, 3969-3972	5.2	6
200	Synthesis of Enantiopure $\beta$ -Lactones via a RuPHOX-Ru Catalyzed Asymmetric Hydrogenation of $\alpha$ -Keto Acids. <i>Advanced Synthesis and Catalysis</i> , <b>2019</b> , 361, 1146-1153	5.6	13
199	Enantioselective and Diastereodivergent Access to $\beta$ -Substituted $\beta$ -Amino Acids via Dual Iridium and Copper Catalysis. <i>Advanced Synthesis and Catalysis</i> , <b>2019</b> , 361, 1130-1139	5.6	25
198	Rhodium-catalyzed intramolecular hydroacylation of 1,2-disubstituted alkenes for the synthesis of 2-substituted indanones. <i>Tetrahedron</i> , <b>2019</b> , 75, 269-277	2.4	11
197	Renaissance of pyridine-oxazolines as chiral ligands for asymmetric catalysis. <i>Chemical Society Reviews</i> , <b>2018</b> , 47, 1783-1810	58.5	117
196	A Copper-Catalyzed Reductive Defluorination of $\alpha$ -Trifluoromethylated Enones via Oxidative Homocoupling of Grignard Reagents. <i>Organic Letters</i> , <b>2018</b> , 20, 1638-1642	6.2	43
195	Solvent-Controlled Pd(II)-Catalyzed Aerobic Chemoselective Intermolecular 1,2-Aminooxygenation and 1,2-Oxyamination of Conjugated Dienes for the Synthesis of Functionalized 1,4-Benzoxazines. <i>Organic Letters</i> , <b>2018</b> , 20, 1608-1612	6.2	35
194	Ni(II)/mono-RuPHOX-catalyzed asymmetric addition of alkenylboronic acids to cyclic aldimines. <i>Tetrahedron Letters</i> , <b>2018</b> , 59, 1573-1575	2	8
193	Asymmetric Transfer and Pressure Hydrogenation with Earth-Abundant Transition Metal Catalysts. <i>Chinese Journal of Chemistry</i> , <b>2018</b> , 36, 443-454	4.9	100
192	Rhodium-Catalyzed Chemo- and Enantioselective Hydrogenation of Alkynyl-Aryl Hydrazones. <i>Advanced Synthesis and Catalysis</i> , <b>2018</b> , 360, 2228-2232	5.6	21
191	Ir-Catalyzed Asymmetric Hydrogenation of $\beta$ -Alkylidene $\beta$ -Lactams and Cyclobutanones. <i>Chinese Journal of Chemistry</i> , <b>2018</b> , 36, 612-618	4.9	26
190	Pd(II)-Catalyzed asymmetric 1,6-conjugate addition of arylboronic acids to Meldrum's acid-derived dienes. <i>Chemical Communications</i> , <b>2018</b> , 54, 2522-2525	5.8	17
189	Ir/Cu Dual Catalysis: Enantio- and Diastereodivergent Access to $\beta$ -Disubstituted $\beta$ -Amino Acids Bearing Vicinal Stereocenters. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 2080-2084	16.4	161
188	Iridium-catalyzed asymmetric hydrogenation of 2-substituted 1,4-benzodioxines. <i>Tetrahedron</i> , <b>2018</b> , 74, 477-482	2.4	12
187	Cu-Catalyzed switchable synthesis of functionalized pyridines and pyrroles. <i>Chemical Communications</i> , <b>2018</b> , 54, 9446-9449	5.8	16
186	An Atropis Biphenyl Bisphosphine Ligand with 2,2'-tert-Butylmethylphosphino Groups for the Rhodium-Catalyzed Asymmetric Hydrogenation of Enol Esters. <i>Advanced Synthesis and Catalysis</i> , <b>2018</b> , 360, 3793-3800	5.6	11
185	Pd(II), Ni(II) and Co(II)-catalyzed enantioselective additions of organoboron reagents to ketimines. <i>Chemical Communications</i> , <b>2018</b> , 54, 10394-10404	5.8	37

184	Pd(ii)-Catalyzed aerobic 1,2-difunctionalization of conjugated dienes: efficient synthesis of morpholines and 2-morpholones. <i>Organic and Biomolecular Chemistry</i> , <b>2018</b> , 16, 5618-5625	3.9	20
183	Synthesis of (+)-salvianolic acid A from sodium Danshensu. <i>Tetrahedron</i> , <b>2018</b> , 74, 5996-6002	2.4	6
182	Copper (II)/RuPHOX-Catalyzed Enantioselective Mannich-Type Reaction of Glycine Schiff Bases with Cyclic Ketimines. <i>Advanced Synthesis and Catalysis</i> , <b>2018</b> , 360, 4625-4633	5.6	19
181	2-Substituted-1-(2-morpholinoethyl)-1H-naphtho[2,3-d]imidazole-4,9-diones: Design, synthesis and antiproliferative activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2018</b> , 28, 2454-2458	2.9	12
180	Inside Cover: Ir-Catalyzed Asymmetric Hydrogenation of $\beta$ -Alkylidene $\beta$ -Lactams and Cyclobutanones (Chin. J. Chem. 7/2018). <i>Chinese Journal of Chemistry</i> , <b>2018</b> , 36, 566-566	4.9	
179	Ni(II)-catalyzed asymmetric alkenylations of ketimines. <i>Nature Communications</i> , <b>2018</b> , 9, 2258	17.4	46
178	An Atropis Chiral Biphenyl Bisphosphine Ligand Bearing Only 2,2'-Substituents and Its Application in Rh-Catalyzed Asymmetric Hydrogenation. <i>Advanced Synthesis and Catalysis</i> , <b>2018</b> , 360, 738-743	5.6	23
177	Pd/Cu dual catalysis: highly enantioselective access to $\beta$ -substituted $\beta$ -amino acids and $\beta$ -amino amides. <i>Chemical Communications</i> , <b>2018</b> , 54, 599-602	5.8	40
176	DFT Study of the Strong Solvent Effects in the Cu-Catalyzed Asymmetric Conjugate Addition Reaction. <i>Journal of the Chinese Chemical Society</i> , <b>2018</b> , 65, 346-351	1.5	2
175	Rh-Catalyzed Asymmetric Hydrogenation of $\beta$ -Branched Enol Esters for the Synthesis of $\beta$ -Chiral Primary Alcohols. <i>Organic Letters</i> , <b>2018</b> , 20, 108-111	6.2	29
174	Cobalt-Catalyzed Asymmetric Allylation of Cyclic Ketimines. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 1241-1245	4.8	30
173	Synthesis of chiral chromanols via a RuPHOX-Ru catalyzed asymmetric hydrogenation of chromones. <i>Chemical Communications</i> , <b>2018</b> , 54, 13571-13574	5.8	12
172	Pd(OAc)-catalyzed asymmetric hydrogenation of sterically hindered N-tosylimines. <i>Nature Communications</i> , <b>2018</b> , 9, 5000	17.4	41
171	Iridium-Catalyzed Enantioselective and Diastereoselective Allylation of Dioxindoles: A One-Step Synthesis of 3-Allyl-3-hydroxyoxindoles. <i>Organic Letters</i> , <b>2018</b> , 20, 6183-6187	6.2	17
170	Recent advances in the Pd(II)-catalyzed asymmetric addition of arylboronic acids to electron-deficient olefins. <i>Tetrahedron Letters</i> , <b>2018</b> , 59, 4055-4062	2	8
169	Stereoselective Allylic Alkylation of 1-Pyrroline-5-carboxylic Esters via a Pd/Cu Dual Catalysis. <i>Organic Letters</i> , <b>2018</b> , 20, 6564-6568	6.2	26
168	A Ferrocene-Based NH-Free Phosphine-Oxazoline Ligand for Iridium-Catalyzed Asymmetric Hydrogenation of Ketones. <i>Organic Letters</i> , <b>2018</b> , 20, 6135-6139	6.2	28
167	Rhodium-catalyzed asymmetric hydrogenation of $\beta$ -branched enamides for the synthesis of $\beta$ -stereogenic amines. <i>Chemical Communications</i> , <b>2018</b> , 54, 6024-6027	5.8	24

166	Pd-Catalyzed Oxidative Tandem aza-Wacker/Heck Cyclization for the Construction of Fused 5,6-Bicyclic N,O-Heterocycles. <i>Chemistry - an Asian Journal</i> , <b>2018</b> , 13, 1897	4.5	7
165	Asymmetric Aza-Wacker-Type Cyclization of N-Ts Hydrazine-Tethered Tetrasubstituted Olefins: Synthesis of Pyrazolines Bearing One Quaternary or Two Vicinal Stereocenters. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 7587-7597	16.4	49
164	Palladium(II)-catalyzed aerobic intramolecular allylic C-H activation for the synthesis of indolines. <i>Tetrahedron</i> , <b>2017</b> , 73, 1904-1910	2.4	4
163	Iridium-Catalyzed Asymmetric Hydrogenation of $\beta$ -Unsaturated $\beta$ -Lactams: Scope and Mechanistic Studies. <i>Organic Letters</i> , <b>2017</b> , 19, 1144-1147	6.2	34
162	Palladium-Catalyzed Addition of Arylboronic Acids to para-Quinone Methides for Preparation of Diarylacetates. <i>Advanced Synthesis and Catalysis</i> , <b>2017</b> , 359, 1028-1036	5.6	25
161	Copper-catalyzed asymmetric alkynylation of cyclic N-sulfonyl ketimines. <i>Chemical Communications</i> , <b>2017</b> , 53, 5364-5367	5.8	30
160	Direct use of allylic alcohols and allylic amines in palladium-catalyzed allylic amination. <i>Chemical Communications</i> , <b>2017</b> , 53, 5151-5154	5.8	36
159	Iridium-Catalyzed Asymmetric Hydrogenation of Unsaturated Piperazin-2-ones. <i>Advanced Synthesis and Catalysis</i> , <b>2017</b> , 359, 1933-1941	5.6	15
158	Ir/BiphPHOX-catalyzed asymmetric hydrogenation of 3-substituted 2,5-dihydropyrroles and 2,5-dihydrothiophene 1,1-dioxides. <i>Organic Chemistry Frontiers</i> , <b>2017</b> , 4, 1601-1605	5.2	25
157	Construction of Chiral-Fused Tricyclic $\beta$ -Lactams via a trans-Perhydroindolic Acid-Catalyzed Asymmetric Domino Reaction. <i>Organic Letters</i> , <b>2017</b> , 19, 2925-2928	6.2	4
156	Pd(II)-Catalyzed Aerobic Intermolecular 1,2-Diamination of Conjugated Dienes: A Regio- and Chemoselective [4 + 2] Annulation for the Synthesis of Tetrahydroquinoxalines. <i>Organic Letters</i> , <b>2017</b> , 19, 2813-2816	6.2	30
155	Rh-Catalyzed Chemo- and Enantioselective Rh Hydrogenation of Allylic Hydrazones. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 1040-1043	4.8	23
154	Preparation of isoindolinones via a palladium-catalyzed diamination. <i>Tetrahedron Letters</i> , <b>2017</b> , 58, 285-288		9
153	Pd(II)-catalyzed aerobic intermolecular 1,4-diamination of conjugated dienes: A regioselective [4+4] annulation for the construction of medium-ring 1,6-benzodiazocine derivatives. <i>Tetrahedron Letters</i> , <b>2017</b> , 58, 2640-2643	2	5
152	New and convenient approach for synthesis of metconazole. <i>Research on Chemical Intermediates</i> , <b>2017</b> , 43, 6293-6298	2.8	2
151	Synthesis of Chiral $\beta$ -Lactams via in Situ Elimination/Iridium-Catalyzed Asymmetric Hydrogenation of Racemic $\beta$ -Hydroxy $\beta$ -Lactams. <i>Organic Letters</i> , <b>2017</b> , 19, 1886-1889	6.2	8
150	A new and convenient approach for the synthesis of P-stereogenic intermediates bearing a tert-butyl(methyl)phosphino group. <i>Research on Chemical Intermediates</i> , <b>2017</b> , 43, 4959-4966	2.8	8
149	Ni(II)-catalyzed asymmetric addition of arylboronic acids to cyclic imines. <i>Chemical Communications</i> , <b>2017</b> , 53, 609-612	5.8	51



148	The Construction of Chiral Fused Azabicycles Using a Pd-Catalyzed Allylic Substitution Cascade and Asymmetric Desymmetrization Strategy. <i>Organic Letters</i> , <b>2017</b> , 19, 238-241	6.2	25
147	Direct enantioselective C-acylation for the construction of a quaternary stereocenter catalyzed by a chiral bicyclic imidazole. <i>Chemical Communications</i> , <b>2017</b> , 53, 1381-1384	5.8	22
146	Ir/Zn Dual Catalysis: Enantioselective and Diastereodivergent $\beta$ -Allylation of Unprotected $\beta$ -Hydroxy Indanones. <i>Organic Letters</i> , <b>2017</b> , 19, 5513-5516	6.2	55
145	Iridium-Catalyzed Asymmetric Hydrogenation of 2H-Chromenes: A Highly Enantioselective Approach to Isoflavan Derivatives. <i>Organic Letters</i> , <b>2017</b> , 19, 4884-4887	6.2	31
144	Synthesis of Chiral $\beta$ -Unsaturated $\beta$ -Amino Esters via Pd-Catalyzed Asymmetric Allylic Amination. <i>Organic Letters</i> , <b>2017</b> , 19, 4251-4254	6.2	24
143	The Synthesis of Chiral $\beta$ -Aryl $\beta$ -Hydroxy Carboxylic Acids via RuPHOX-Ru Catalyzed Asymmetric Hydrogenation. <i>Advanced Synthesis and Catalysis</i> , <b>2017</b> , 359, 3665-3673	5.6	15
142	Cooperative bimetallic catalysis in asymmetric allylic substitution. <i>Organic and Biomolecular Chemistry</i> , <b>2017</b> , 15, 9747-9759	3.9	108
141	Stereoselective and Site-Specific Allylic Alkylation of Amino Acids and Small Peptides via a Pd/Cu Dual Catalysis. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 9819-9822	16.4	132
140	Recent Advances in Metal-Catalyzed 1,2-Difunctionalization of Conjugated Dienes. <i>Chinese Journal of Organic Chemistry</i> , <b>2017</b> , 37, 2250	3	34
139	An Ir/Zn Dual Catalysis for Enantio- and Diastereodivergent $\beta$ -Allylation of $\beta$ -Hydroxyketones. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 11093-6	16.4	179
138	Allylic Alkylations with Enamine Nucleophiles. <i>Chemical Record</i> , <b>2016</b> , 16, 2683-2692	6.6	42
137	Asymmetric Hydrogenation of Nonaromatic Cyclic Substrates. <i>Chemical Reviews</i> , <b>2016</b> , 116, 14769-14827	78.1	204
136	Rh-catalyzed asymmetric hydrogenation of racemic aldimines via dynamic kinetic resolution. <i>Tetrahedron</i> , <b>2016</b> , 72, 5541-5547	2.4	8
135	Iridium-Catalyzed Asymmetric Hydrogenation of Unfunctionalized Exocyclic C=C Bonds. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 18354-18357	4.8	25
134	Rh-Catalyzed One-Pot Sequential Asymmetric Hydrogenation of $\beta$ -Dehydroamino Ketones for the Synthesis of Chiral Cyclic trans- $\beta$ -Amino Alcohols. <i>Organic Letters</i> , <b>2016</b> , 18, 1290-3	6.2	45
133	Pd(II)-Catalyzed Asymmetric Addition of Arylboronic Acids to Isatin-Derived Ketimines. <i>Organic Letters</i> , <b>2016</b> , 18, 288-91	6.2	62
132	Recent advances of remote selective C-H activation: Ligand and template design. <i>Chinese Journal of Catalysis</i> , <b>2016</b> , 37, 98-101	11.3	7
131	Preparation of organophosphorus compounds from P-H compounds using o-(trimethylsilyl)aryl triflates as aryne precursors. <i>Tetrahedron</i> , <b>2016</b> , 72, 333-337	2.4	17

130	Palladium-Catalyzed Allylic C $\beta$ Functionalization: The Development of New Catalytic Systems. <i>Acta Chimica Sinica</i> , <b>2016</b> , 74, 219	3.3	38
129	Applications of Phosphoramidite Ligands in Ir-Catalyzed Asymmetric Hydrogenation Reactions. <i>Chinese Journal of Organic Chemistry</i> , <b>2016</b> , 36, 274	3	23
128	Development of the Asymmetric Hydrogenation of Enol Esters. <i>Chinese Journal of Organic Chemistry</i> , <b>2016</b> , 36, 447	3	16
127	Palladium-Catalyzed Chemo- and Enantioselective C-O Bond Cleavage of $\beta$ -Acyloxy Ketones by Hydrogenolysis. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 8444-7	16.4	28
126	One-pot sequential asymmetric hydrogenation of $\beta$ -aryl- $\beta$ -aryloxy acroleins. <i>Organic and Biomolecular Chemistry</i> , <b>2016</b> , 14, 7099-102	3.9	7
125	Palladium-Catalyzed Chemo- and Enantioselective C=O Bond Cleavage of $\beta$ -Acyloxy Ketones by Hydrogenolysis. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 8584-8587	3.6	11
124	1,3-Dithianes as Acyl Anion Equivalents in Pd-Catalyzed Asymmetric Allylic Substitution. <i>Organic Letters</i> , <b>2016</b> , 18, 6296-6299	6.2	24
123	Ru-Catalyzed Asymmetric Hydrogenative/Transfer Hydrogenative Desymmetrization of Meso-Epoxy Diketones. <i>Organic Letters</i> , <b>2016</b> , 18, 2640-3	6.2	17
122	Asymmetric Hydrogenation of $\beta$ -Substituted Acrylic Acids Catalyzed by a Ruthenocenyl Phosphino-oxazoline-Ruthenium Complex. <i>Organic Letters</i> , <b>2016</b> , 18, 2122-5	6.2	36
121	Regio- and Enantioselective Copper-Catalyzed 1,4-Conjugate Addition of Trimethylaluminum to Linear $\alpha,\beta$ -Unsaturated Alkyl Ketones. <i>Advanced Synthesis and Catalysis</i> , <b>2016</b> , 358, 2510-2518	5.6	13
120	Pd-catalyzed asymmetric allylic amination using easily accessible metallocenyl P,N-ligands. <i>Organic and Biomolecular Chemistry</i> , <b>2015</b> , 13, 4248-54	3.9	12
119	Temperature-controlled switchable preparation of ferrocene bis(oxazoline-phosphine) ligands with different planar chiralities and their coordination behaviors. <i>Tetrahedron</i> , <b>2015</b> , 71, 5112-5118	2.4	6
118	Palladium-catalyzed asymmetric addition of arylboronic acids to nitrostyrenes. <i>Organic Letters</i> , <b>2015</b> , 17, 2250-3	6.2	42
117	Palladium-Catalyzed Aerobic Aminooxygenation of Alkenes for Preparation of Isoindolinones. <i>Organic Letters</i> , <b>2015</b> , 17, 5566-9	6.2	52
116	Rh-Catalyzed Asymmetric Hydrogenation of Cyclic $\beta$ -Dehydroamino Ketones. <i>Organic Letters</i> , <b>2015</b> , 17, 5380-3	6.2	32
115	Palladium-catalyzed enantioselective decarboxylative cycloaddition of vinyl ethylene carbonates with isocyanates. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 120-4	4.8	91
114	Asymmetric tandem reactions of N-sulfonylimines and $\alpha,\beta$ -unsaturated aldehydes: an alternative reaction pathway to that of using saturated aldehydes. <i>Chemical Communications</i> , <b>2015</b> , 51, 885-8	5.8	29
113	Asymmetric Hydrogenation of $\beta$ -Secondary Amino Ketones Catalyzed by a Ruthenocenyl Phosphino-oxazoline-ruthenium Complex (RuPHOX-Ru): the Synthesis of $\beta$ -Secondary Amino Alcohols. <i>Advanced Synthesis and Catalysis</i> , <b>2015</b> , 357, 3262-3272	5.6	33

112	The Construction of 3-Methyl-4-arylpiperidines via a trans- Perhydroindolic Acid-Catalyzed Asymmetric Aza-Diels-Alder Reaction. <i>Advanced Synthesis and Catalysis</i> , <b>2015</b> , 357, 3627-3638	5.6	31
111	ZnCl <sub>2</sub> -Promoted Asymmetric Hydrogenation of $\beta$ -Secondary-Amino Ketones Catalyzed by a P-Chiral Rh-Bisphosphine Complex. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 2288-2292	3.6	21
110	Pd(II)-catalyzed asymmetric addition of arylboronic acids to cyclic N-sulfonyl ketimine esters and a DFT study of its mechanism. <i>Organic Chemistry Frontiers</i> , <b>2015</b> , 2, 398-402	5.2	63
109	Iridium-catalyzed allyl-allyl cross-coupling of allylic carbonates with (E)-1,3-diarylpropenes. <i>Chemical Communications</i> , <b>2015</b> , 51, 11834-6	5.8	19
108	P-Stereogenic pincer iridium complexes: Synthesis, structural characterization and application in asymmetric hydrogenation. <i>Journal of Organometallic Chemistry</i> , <b>2015</b> , 791, 41-45	2.3	19
107	Hydrogen-Bond Directed Regioselective Pd-Catalyzed Asymmetric Allylic Alkylation: The Construction of Chiral $\beta$ -Amino Acids with Vicinal Tertiary and Quaternary Stereocenters. <i>Organic Letters</i> , <b>2015</b> , 17, 5768-71	6.2	56
106	Transition metal-catalyzed allylic substitution reactions with unactivated allylic substrates. <i>Chemical Society Reviews</i> , <b>2015</b> , 44, 7929-67	58.5	382
105	P-stereogenic PNP pincer-Pd catalyzed intramolecular hydroamination of amino-1,3-dienes. <i>Organic and Biomolecular Chemistry</i> , <b>2015</b> , 13, 2694-702	3.9	25
104	ZnCl <sub>2</sub> -promoted asymmetric hydrogenation of $\beta$ -secondary-amino ketones catalyzed by a P-chiral Rh-bisphosphine complex. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 2260-4	16.4	66
103	Asymmetric Hydrogenation of Cyclic Dehydroamino Acids and Their Derivatives. <i>Chinese Journal of Organic Chemistry</i> , <b>2015</b> , 35, 528	3	27
102	Palladium-catalyzed allylic alkylation of simple ketones with allylic alcohols and its mechanistic study. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 6776-80	16.4	130
101	Enantioselective Black rearrangement catalyzed by chiral bicyclic imidazole. <i>Chemical Communications</i> , <b>2014</b> , 50, 1227-30	5.8	31
100	Cu-catalyzed amidation of halogenated imidazoles. <i>Chemical Communications</i> , <b>2014</b> , 50, 3163-5	5.8	24
99	Asymmetric domino reaction of cyclic N-sulfonylimines and simple aldehydes with trans-perhydroindolic acid as an organocatalyst. <i>Organic Letters</i> , <b>2014</b> , 16, 4496-9	6.2	29
98	Hydrogen-bond-activated palladium-catalyzed allylic alkylation via allylic alkyl ethers: challenging leaving groups. <i>Organic Letters</i> , <b>2014</b> , 16, 1570-3	6.2	92
97	Mechanism of the Asymmetric Hydrogenation of Exocyclic $\beta$ -Unsaturated Carbonyl Compounds with an Iridium/BiphPhox Catalyst: NMR and DFT Studies. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 1932-1936	3.6	25
96	The Design and Synthesis of Planar Chiral Ligands and Their Application to Asymmetric Catalysis. <i>Synlett</i> , <b>2014</b> , 25, 615-630	2.2	58
95	Chiral Bicyclic Imidazole Nucleophilic Catalysts: Design, Synthesis, and Application to the Kinetic Resolution of Arylalkylcarbinols. <i>Advanced Synthesis and Catalysis</i> , <b>2014</b> , 356, 3164-3170	5.6	17

94	Palladium-Catalyzed Allylic Alkylation of Simple Ketones with Allylic Alcohols and Its Mechanistic Study. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 6894-6898	3.6	34
93	Mechanism of the asymmetric hydrogenation of exocyclic $\alpha$ -unsaturated carbonyl compounds with an iridium/BiphPhox catalyst: NMR and DFT studies. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 1901-5	16.4	81
92	Synthesis of Chiral $\beta$ -Amino Alcohols via a RuPHOX-Ru Catalyzed Asymmetric Hydrogenation of $\beta$ -Imide Ketones. <i>Chinese Journal of Organic Chemistry</i> , <b>2014</b> , 34, 1766	3	19
91	Copper-catalyzed asymmetric 1,4-conjugate addition of Grignard reagents to linear $\alpha,\beta$ -unsaturated ketones. <i>Chemical Communications</i> , <b>2013</b> , 49, 5292-4	5.8	28
90	Synthesis of axially chiral C10-BridgePHOS oxides and their use as organocatalysts in enantioselective allylations of aldehydes. <i>Tetrahedron</i> , <b>2013</b> , 69, 8161-8168	2.4	17
89	Palladium-catalyzed asymmetric hydrogenation of $\beta$ -cyloxy-1-arylethanones. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 11632-6	16.4	63
88	The synthesis of chiral $\beta$ -aryl- $\alpha$ -unsaturated amino alcohols via a Pd-catalyzed asymmetric allylic amination. <i>Organic and Biomolecular Chemistry</i> , <b>2013</b> , 11, 7412-9	3.9	28
87	A Pd(II)-Catalyzed Oxidative Cyclization for the Preparation of Aryl-Fused Six-Membered Nitrogen Heterocycles with 2-Acetoxy Functionality. <i>Chinese Journal of Chemistry</i> , <b>2013</b> , 31, 132-138	4.9	11
86	A soluble bis-chelated gold(I) diphosphine compound with strong anticancer activity and low toxicity. <i>Journal of Medicinal Chemistry</i> , <b>2013</b> , 56, 1455-66	8.3	33
85	Iridium-catalyzed asymmetric hydrogenation of $\beta$ -alkylidene succinimides. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 2203-6	16.4	85
84	Asymmetric hydrogenation of $\beta$ -amino ketones with the bimetallic complex RuPHOX-Ru as the chiral catalyst. <i>Organic and Biomolecular Chemistry</i> , <b>2013</b> , 11, 3855-61	3.9	34
83	A palladium-catalyzed enantioselective addition of arylboronic acids to cyclic ketimines. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 7540-4	16.4	129
82	Highly enantioselective hydrogenation of N-unprotected indoles using (S)-C10BridgePHOS as the chiral ligand. <i>Tetrahedron</i> , <b>2013</b> , 69, 6839-6844	2.4	49
81	Insertion of arynes into arylphosphoryl amide bonds: one-step simultaneous construction of C-N and C-P bonds. <i>Organic Letters</i> , <b>2013</b> , 15, 5722-5	6.2	57
80	Asymmetric Domino Double Michael Addition of Nitroolefins and Aldehyde Esters with trans-Perhydroindolic Acid as an Organocatalyst. <i>Synthesis</i> , <b>2013</b> , 45, 1612-1623	2.9	14
79	Synthesis of Heterocycles via Palladium-Catalyzed Wacker-Type Oxidative Cyclization Reactions of Hydroxy- and Amino-Alkenes. <i>Topics in Heterocyclic Chemistry</i> , <b>2013</b> , 77-107	0.2	9
78	A Palladium-Catalyzed Enantioselective Addition of Arylboronic Acids to Cyclic Ketimines. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 7688-7692	3.6	35
77	Palladium-Catalyzed Asymmetric Hydrogenation of $\beta$ -Cyloxy-1-arylethanones. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 11846-11850	3.6	14

76	Iridium-Catalyzed Asymmetric Hydrogenation of $\beta$ -Alkylidene Succinimides. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 2259-2262	3.6	26
75	Synthesis of (2S,3aR,7aS)-Benzyl Octahydro-1H-indole-2-carboxylate. <i>Chinese Journal of Organic Chemistry</i> , <b>2013</b> , 33, 1573	3	5
74	Efficient Ru(II)-catalyzed asymmetric hydrogenation of simple ketones with C2-symmetric planar chiral metallocenyl phosphinooxazoline ligands. <i>Tetrahedron</i> , <b>2012</b> , 68, 3295-3299	2.4	31
73	First catalytic enantioselective synthesis of P-stereogenic phosphoramides via kinetic resolution promoted by a chiral bicyclic imidazole nucleophilic catalyst. <i>Tetrahedron: Asymmetry</i> , <b>2012</b> , 23, 329-332		31
72	An Efficient Asymmetric Domino Reaction of Amino Aldehyde to $\beta$ -Unsaturated $\beta$ -Keto Esters Using trans-Perhydroindolic Acid as a Chiral Organocatalyst. <i>Chinese Journal of Chemistry</i> , <b>2012</b> , 30, n/a-n/a	4.9	3
71	Nickel-catalyzed C-P coupling of aryl mesylates and tosylates with H(O)PR <sub>1</sub> R <sub>2</sub> . <i>Organic and Biomolecular Chemistry</i> , <b>2012</b> , 10, 3500-5	3.9	95
70	The effects of solvent on switchable stereoselectivity: copper-catalyzed asymmetric conjugate additions using D2-symmetric biphenyl phosphoramidite ligands. <i>Organic and Biomolecular Chemistry</i> , <b>2012</b> , 10, 5137-42	3.9	32
69	Pd(II)-catalyzed asymmetric Wacker-type cyclization for the preparation of 2-vinylchroman derivatives with biphenyl tetraoxazoline ligands. <i>Tetrahedron</i> , <b>2012</b> , 68, 5209-5215	2.4	32
68	An Asymmetric Aerobic Aza-Wacker-Type Cyclization: Synthesis of Isoindolinones Bearing Tetrasubstituted Carbon Stereocenters. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 9275-9279	3.6	35
67	An asymmetric aerobic aza-Wacker-type cyclization: synthesis of isoindolinones bearing tetrasubstituted carbon stereocenters. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 9141-5	16.4	128
66	Regioselective Pd-catalyzed aerobic aza-Wacker cyclization for preparation of isoindolinones and isoquinolin-1(2H)-ones. <i>Organic Letters</i> , <b>2012</b> , 14, 268-71	6.2	68
65	Switchable Stereoselectivity: The Effects of Substituents on the D2-Symmetric Biphenyl Backbone of Phosphoramidites in Copper-Catalyzed Asymmetric Conjugate Addition Reactions with Triethylaluminum. <i>Advanced Synthesis and Catalysis</i> , <b>2012</b> , 354, 1941-1947	5.6	20
64	Highly efficient asymmetric Michael addition of aldehyde to nitroolefin using perhydroindolic acid as a chiral organocatalyst. <i>Organic and Biomolecular Chemistry</i> , <b>2012</b> , 10, 2840-6	3.9	22
63	The Synthesis of trans-Perhydroindolic Acids and their Application in Asymmetric Domino Reactions of Aldehyde Esters with $\beta$ -Unsaturated $\beta$ -Keto Esters. <i>Advanced Synthesis and Catalysis</i> , <b>2012</b> , 354, 3311-3323	5.6	27
62	C-N bond cleavage of allylic amines via hydrogen bond activation with alcohol solvents in Pd-catalyzed allylic alkylation of carbonyl compounds. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 19354-7	16.4	217
61	Iridium-catalyzed asymmetric hydrogenation of 3-substituted unsaturated oxindoles to prepare C3-mono substituted oxindoles. <i>Tetrahedron</i> , <b>2011</b> , 67, 8445-8450	2.4	28
60	Nickel-catalyzed Arbuzov reactions of aryl triflates with triethyl phosphite. <i>Tetrahedron Letters</i> , <b>2011</b> , 52, 5032-5035	2	49
59	Convenient synthesis of tropos phosphine-oxazoline ligands. <i>Science China Chemistry</i> , <b>2011</b> , 54, 87-94	7.9	15

58	Efficient palladium-catalyzed asymmetric allylic alkylation of ketones and aldehydes. <i>Organic and Biomolecular Chemistry</i> , <b>2011</b> , 9, 1871-5	3.9	86
57	Pd(II)-catalyzed oxidative cyclization reaction for the preparation of 2-substituted 1,2,3,4-tetrahydroquinolines with halide functionality. <i>Tetrahedron</i> , <b>2011</b> , 67, 1501-1505	2.4	15
56	Enantioselective synthesis of chiral $\beta$ -aryl $\beta$ -keto ester by copper-catalyzed 1,4-conjugate addition using D <sub>2</sub> -symmetric biphenyl phosphoramidite ligand. <i>Tetrahedron</i> , <b>2011</b> , 67, 6197-6201	2.4	20
55	Chiral dinuclear phthalazine bridged bisoxazoline ligands: synthesis and application in enantioselective Cu-catalyzed conjugate addition of ZnEt <sub>2</sub> to enones. <i>Tetrahedron Letters</i> , <b>2011</b> , 52, 2375-2378	2	11
54	Novel chiral bisoxazoline ligands with a bipyridinyl backbone: preparation and interesting complexation behavior. <i>Tetrahedron Letters</i> , <b>2011</b> , 52, 2844-2848	2	3
53	Some Progress in Organic Synthesis of Pharmaceuticals in China <b>2010</b> , 273-302		1
52	Chiral bicycle imidazole nucleophilic catalysts: rational design, facile synthesis, and successful application in asymmetric Steglich rearrangement. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 15939-41	16.4	95
51	Iridium-Catalyzed Highly Enantioselective Hydrogenation of Exocyclic $\alpha$ -Unsaturated Carbonyl Compounds. <i>Advanced Synthesis and Catalysis</i> , <b>2010</b> , 352, 1841-1845	5.6	84
50	Symmetrical 1,1'-Bidentate Ferrocenyl Ligands <b>2010</b> , 175-214		6
49	Highly enantioselective copper-catalyzed allylic alkylation with atropos phosphoramidites bearing a D <sub>2</sub> -symmetric biphenyl backbone. <i>Tetrahedron</i> , <b>2010</b> , 66, 3593-3598	2.4	18
48	From tropos to atropos: 5,5'-bridged 2,2'-bis(diphenylphosphino)biphenyls as chiral ligands for highly enantioselective palladium-catalyzed hydrogenation of $\beta$ -phthalimide ketones. <i>Tetrahedron Letters</i> , <b>2010</b> , 51, 2044-2047	2	44
47	From C <sub>2</sub> - to D <sub>2</sub> -symmetry: atropos phosphoramidites with a D <sub>2</sub> -symmetric backbone as highly efficient ligands in Cu-catalyzed conjugate additions. <i>Tetrahedron Letters</i> , <b>2010</b> , 51, 3119-3122	2	23
46	Pd-catalyzed asymmetric aza-Wacker-type cyclization reaction of olefinic tosylamides. <i>Tetrahedron Letters</i> , <b>2010</b> , 51, 5124-5126	2	61
45	Enamines: efficient nucleophiles for the palladium-catalyzed asymmetric allylic alkylation. <i>Tetrahedron</i> , <b>2009</b> , 65, 512-517	2.4	52
44	Synthesis of atropisomeric 5,5'-linked biphenyl bisaminophosphine ligands and their applications in asymmetric catalysis. <i>Tetrahedron</i> , <b>2009</b> , 65, 1281-1286	2.4	18
43	Phosphine-oxazoline ligands with an axial-unfixed biphenyl backbone: the effects of the substituent at oxazoline ring and P phenyl ring on Pd-catalyzed asymmetric allylic alkylation. <i>Tetrahedron</i> , <b>2009</b> , 65, 9609-9615	2.4	36
42	One-pot efficient synthesis of aryl $\beta$ -keto esters from aryl-ketones. <i>Tetrahedron</i> , <b>2009</b> , 65, 9797-9800	2.4	30
41	Asymmetric hydrogenation of simple ketones with planar chiral ruthenocenyl phosphinooxazoline ligands. <i>Tetrahedron: Asymmetry</i> , <b>2009</b> , 20, 2510-2512		31

40	Efficient bimetallic titanium catalyst for carbonyl-ene reaction. <i>Tetrahedron Letters</i> , <b>2009</b> , 50, 6672-6675	2	11
39	C <sub>2</sub> -Symmetric bipyrrolidines as organocatalysts for asymmetric Diels-Alder reactions. <i>Tetrahedron Letters</i> , <b>2009</b> , 50, 7388-7391	2	18
38	Novel atropisomeric aminophosphine ligands with a bridge across the 5,5'-position of biphenyl for Rh(I)-catalyzed asymmetric hydrogenation. <i>Tetrahedron Letters</i> , <b>2008</b> , 49, 4106-4109	2	15
37	Enantioselective transfer hydrogenation of ketones with planar chiral ruthenocene-based phosphinoxazoline ligands. <i>Tetrahedron</i> , <b>2008</b> , 64, 3561-3566	2.4	33
36	Pd-catalyzed asymmetric Wacker-type cyclization of o-trisubstituted allylphenols by use of tetraoxazoline ligands. <i>Tetrahedron</i> , <b>2008</b> , 64, 9413-9416	2.4	27
35	Novel atropisomeric bisphosphine ligands with a bridge across the 5,5'-position of the biphenyl for asymmetric catalysis. <i>Tetrahedron: Asymmetry</i> , <b>2008</b> , 19, 482-488		16
34	Reversal in enantioselectivity for the palladium-catalyzed asymmetric allylic substitution with novel metallocene-based planar chiral diphosphine ligands. <i>Tetrahedron Letters</i> , <b>2008</b> , 49, 1012-1015	2	34
33	Chelation-induced axially chiral palladium complex system with tetraoxazoline ligands for highly enantioselective Wacker-type cyclization. <i>Journal of Organic Chemistry</i> , <b>2007</b> , 72, 9208-13	4.2	51
32	Novel C <sub>2</sub> -symmetric planar chiral diphosphine ligands and their application in Pd-catalyzed asymmetric allylic substitutions. <i>Journal of Organic Chemistry</i> , <b>2007</b> , 72, 6992-7	4.2	46
31	The synthesis and application of novel C <sub>2</sub> -symmetric chiral N,N,O,O bisoxazoline ligands with a ferrocene backbone. <i>Tetrahedron Letters</i> , <b>2007</b> , 48, 385-388	2	12
30	The synthesis of novel C <sub>2</sub> -symmetric P,N-chelation ruthenocene ligands and their application in palladium-catalyzed asymmetric allylic substitution. <i>Tetrahedron Letters</i> , <b>2007</b> , 48, 585-588	2	41
29	Atropisomeric bisoxazoline ligands with a bridge across the 5,5'-position of biphenyl for asymmetric catalysis. <i>Tetrahedron Letters</i> , <b>2007</b> , 48, 4083-4086	2	41
28	Highly enantioselective Pd(II)-catalyzed Wacker-type cyclization of 2-allylphenols by use of bisoxazoline ligands with axis-unfixed biphenyl backbone. <i>Tetrahedron Letters</i> , <b>2007</b> , 48, 4179-4182	2	51
27	Palladium-catalyzed asymmetric allylic alkylation with an enamine as the nucleophilic reagent. <i>Tetrahedron Letters</i> , <b>2007</b> , 48, 7591-7594	2	63
26	Bisoxazoline ligands with an axial-unfixed biaryl backbone: the effects of the biaryl backbone and the substituent at oxazoline ring on Cu-catalyzed asymmetric cyclopropanation. <i>Tetrahedron: Asymmetry</i> , <b>2006</b> , 17, 767-777		28
25	A Novel Axially Chiral Phosphine-Oxazoline Ligand with an Axis-Unfixed Biphenyl Backbone: Preparation, Complexation, and Application in an Asymmetric Catalytic Reaction. <i>Synlett</i> , <b>2006</b> , 2006, 1185-1188	2.2	22
24	Unexpected reactions of ferrocene acetal derived from tartaric acid with alkyllithium: competition between proton abstraction and nucleophilic attack. <i>Tetrahedron</i> , <b>2006</b> , 62, 9038-9042	2.4	9
23	Preparation, surface-active properties, and antimicrobial activities of bis(alkylammonium) dichlorides having a butenylene or a butynylene spacer. <i>Journal of Surfactants and Detergents</i> , <b>2001</b> , 4, 271-277	1.9	28

22	Novel hydrolyzable and biodegradable cationic gemini surfactants: Bis(ester-ammonium) dichloride having a butenylene or a butynylene spacer. <i>Journal of Surfactants and Detergents</i> , <b>2001</b> , 4, 279-285	1.9	26
21	Novel hydrolyzable and biodegradable cationic gemini surfactants: 1,3-bis[(acyloxyalkyl)-dimethylammonio]-2-hydroxypropane dichloride. <i>Journal of Surfactants and Detergents</i> , <b>2000</b> , 3, 167-172	1.9	39
20	Novel C2-Symmetric Chiral Oxazolinyl Biaryl Ligands Bearing a Hydroxyl Group. <i>Synlett</i> , <b>2000</b> , 2000, 239-241	2.1	23
19	Photodimerisation of a styrylpyrazine amphiphile suppresses the release of glucose entrapped in its mixed vesicle with DPPC. <i>Chemical Communications</i> , <b>2000</b> , 231-232	5.8	6
18	Switching of Cation Selectivity toward Na <sup>+</sup> and K <sup>+</sup> by a New Type of pH-Responsive 16-Crown-5 in a Countercurrent Double Uphill Transport System. <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 6307-6308	16.4	12
17	Novel chiral bisoxazoline ligands with a biphenyl backbone: preparation, complexation, and application in asymmetric catalytic reactions. <i>Journal of Organic Chemistry</i> , <b>2000</b> , 65, 3326-33	4.2	66
16	On-and-off Release Control of Glucose Entrapped in Vesicles Produced from a Styrylpyrazine-Derived Amphiphile and DPPC by UV Irradiation <b>2000</b> , 49, 271-274,279		
15	Novel Axial Chiral Sulfur-oxazoline Ligands with a Biphenyl Backbone. <i>Synlett</i> , <b>1999</b> , 1999, 1319-1321	2.2	24
14	Achiral and planar chiral ferrocene diols: preparation and complexation with titanium(IV). <i>Journal of Organometallic Chemistry</i> , <b>1999</b> , 574, 19-23	2.3	19
13	C2-Symmetric Diphosphine Ligands with Only the Planar Chirality of Ferrocene for the Palladium-Catalyzed Asymmetric Allylic Alkylation. <i>Journal of Organic Chemistry</i> , <b>1999</b> , 64, 6247-6251	4.2	71
12	Perfect Control of Diastereomeric Complexation of C2-Symmetric Chiral 1,1'-Bis(oxazolinyl)ferrocene Ligands. <i>Chemistry Letters</i> , <b>1999</b> , 28, 243-244	1.7	11
11	Diphenylphosphinooxazoline ligands with a chiral binaphthyl backbone for Pd-catalyzed allylic alkylation. <i>Tetrahedron Letters</i> , <b>1998</b> , 39, 4343-4346	2	79
10	Novel chiral P,N-ferrocene ligands in palladium-catalyzed asymmetric allylic alkylations. <i>Tetrahedron: Asymmetry</i> , <b>1998</b> , 9, 3371-3380		67
9	Novel axial chiral catalyst derived from biphenyl ligand bearing only two ortho-substituents. <i>Tetrahedron Letters</i> , <b>1997</b> , 38, 2681-2684	2	52
8	Interesting and effective P,N-chelation of tetrasubstituted ferrocene ligands for palladium-catalyzed asymmetric allylic substitution. <i>Tetrahedron Letters</i> , <b>1996</b> , 37, 4545-4548	2	96
7	Novel C2-symmetric diphosphine ligand with only the planar chirality of ferrocene. <i>Tetrahedron Letters</i> , <b>1996</b> , 37, 7995-7998	2	53
6	Highly diastereoselective ortho-lithiation of 1,1'-bis-(oxazolinyl)ferrocene directed to C2-symmetric chiral ligands. <i>Tetrahedron: Asymmetry</i> , <b>1996</b> , 7, 451-460		92
5	Novel C2-symmetric chiral bisoxazoline ligands in rhodium(I)-catalyzed asymmetric hydrosilylation. <i>Tetrahedron: Asymmetry</i> , <b>1996</b> , 7, 2453-2462		49



4	Stereodivergent Pd/Cu Catalysis for Asymmetric Desymmetric Alkylation of Allylic Geminal Dicarboxylates. <i>CCS Chemistry</i> ,1933-1944	7.2	13
3	Asymmetric hydrogenation of $\beta$ -branched allylamines for the efficient synthesis of $\beta$ -chirogenic amines. <i>Natural Sciences</i> ,e10021		1
2	Enantio- and Diastereodivergent Synthesis of Spirocycles through Dual-Metal-Catalyzed [3+2] Annulation of 2-Vinyloxiranes with Nucleophilic Dipoles. <i>Angewandte Chemie</i> ,	3.6	4
1	Chiral Bicyclic Imidazole-Catalyzed Direct Enantioselective C -Acetylation of Indolones. <i>CCS Chemistry</i> ,1-24	7.2	0