

# Qi-Lin Zhou

## List of Publications by Year in descending order

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194  
papers

13,760  
citations

13865

67  
h-index

27406

106  
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226  
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226  
docs citations

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times ranked

6718  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nickel-Catalyzed Regio- and Enantioselective Hydroarylation of 1,3-Dienes with Indoles. <i>CCS Chemistry</i> , 2022, 4, 2612-2619.	7.8	17
2	Hydrogenation of Esters by Manganese Catalysts. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 744-749.	4.3	17
3	Nickel-Catalyzed Desymmetric Reductive Cyclization/Coupling of 1,6-Dienes: An Enantioselective Approach to Chiral Tertiary Alcohol. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	26
4	A Three-Step Process to Facilitate the Enantioselective Assembly of <i>cis</i> -Fused Octahydrophenanthrenes with a Quaternary Stereocenter. <i>Organic Letters</i> , 2022, 24, 2590-2595.	4.6	6
5	Electrochemical Synthesis of Sulfonyl Fluorides with Triethylamine Hydrofluoride. <i>Chinese Journal of Chemistry</i> , 2022, 40, 1687-1692.	4.9	24
6	Visible-Light-Induced $\beta,\beta$ -C(sp <sup>3</sup> ) <sup>2</sup> -H Difunctionalization of Piperidines. <i>Organic Letters</i> , 2022, 24, 2894-2898.	4.6	15
7	Total Synthesis of the Alleged Structure of (+)-Fimbricalyxoid A. <i>Organic Letters</i> , 2022, 24, 3477-3481.	4.6	4
8	Enantioselective synthesis of amino acids from ammonia. <i>Nature Catalysis</i> , 2022, 5, 571-577.	34.4	42
9	Enantioselective Total Synthesis of ( $\beta$ )-Hamigeran F and Its Rearrangement Product. <i>Organic Letters</i> , 2022, 24, 5161-5165.	4.6	3
10	Palladium-Catalyzed Asymmetric Hydrosulfonylation of 1,3-Dienes with Sulfonyl Hydrazides. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2948-2951.	13.8	68
11	Enantioselective Total Synthesis of Pentacyclic Proaporphine Alkaloid ( $\beta$ )-Misramine. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 785-790.	4.3	4
12	Palladium-Catalyzed Asymmetric Hydrosulfonylation of 1,3-Dienes with Sulfonyl Hydrazides. <i>Angewandte Chemie</i> , 2021, 133, 2984-2987.	2.0	5
13	Asymmetric hydrogenation of exocyclic $\beta,\beta$ -unsaturated $\beta$ -ketoesters to functionalized chiral allylic alcohols via dynamic kinetic resolution. <i>Chemical Science</i> , 2021, 12, 7793-7799.	7.4	8
14	Asymmetric Hydrogenation of $\beta$ -Aryl Alkylidene Malonate Esters: Installing an Ester Group Significantly Increases the Efficiency. <i>Organic Letters</i> , 2021, 23, 1675-1680.	4.6	16
15	Asymmetric Hydrogenation of Racemic 6-Aryl 1,4-Dioxaspiro[4.5]decan-7-ones to Functionalized Chiral $\beta$ -Aryl Cyclohexanols via a Dynamic Kinetic Resolution. <i>Organic Letters</i> , 2021, 23, 1616-1620.	4.6	5
16	Rhodium-Catalyzed Regioselective Hydroformylation of Alkynes to $\beta,\beta$ -Unsaturated Aldehydes Using Formic Acid. <i>Organic Letters</i> , 2021, 23, 2074-2077.	4.6	17
17	Enantioselective Insertion of Alkynyl Carbenes into Si-H Bonds: An Efficient Access to Chiral Propargylsilanes and Allenylsilanes. <i>Journal of the American Chemical Society</i> , 2021, 143, 6401-6406.	13.7	69
18	Manganese-Catalyzed Selective Hydrogenative Cross-Coupling of Nitriles and Amines to Form Secondary Imines. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 3471-3475.	4.3	4

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19	Enantioselective Silicon-Directed Nazarov Cyclization. <i>Journal of the American Chemical Society</i> , 2021, 143, 6962-6968.	13.7	27
20	Catalytic Asymmetric Hydrogenation of 3-Ethoxycarbonyl Quinolin-2-ones and Coumarins. <i>Organic Letters</i> , 2021, 23, 3593-3598.	4.6	13
21	Nickel-Catalyzed Desymmetrizing Cyclization of 1,6-Dienes to Construct Quaternary Stereocenters. <i>Organic Letters</i> , 2021, 23, 3814-3817.	4.6	6
22	Nickel-catalyzed group transfer of radicals enables hydrocyanation of alkenes and alkynes. <i>Chem Catalysis</i> , 2021, 1, 117-128.	6.1	10
23	Chiral Dirhodium Tetrphosphate-Catalyzed Enantioselective Si <sup>α</sup> -H Bond Insertion of $\hat{1}\pm$ -Aryldiazoacetates. <i>Journal of Organic Chemistry</i> , 2021, 86, 9692-9698.	3.2	3
24	Dynamic Kinetic Resolution of $\hat{1}^3$ -Substituted Cyclic $\hat{1}^2$ -Ketoesters via Asymmetric Hydrogenation: Constructing Chiral Cyclic $\hat{1}^2$ -Hydroxyesters with Three Contiguous Stereocenters. <i>Organic Letters</i> , 2021, 23, 5153-5157.	4.6	6
25	Nickel-Catalyzed Intramolecular Hydroalkenylation of Imines. <i>Organic Letters</i> , 2021, 23, 7900-7904.	4.6	9
26	Asymmetric Hydrogenation of Racemic $\hat{1}\pm$ -Aryl- $\hat{1}^2$ -ethoxycarbonyl Cyclopentanones via Dynamic Kinetic Resolution and Its Application to the Synthesis of (+)-Burmaniol A. <i>Organic Letters</i> , 2021, 23, 8883-8887.	4.6	7
27	Insertion of Alkylidene Carbenes into B <sup>α</sup> -H Bonds. <i>Journal of the American Chemical Society</i> , 2020, 142, 20924-20929.	13.7	14
28	Carboxyl Group-Directed Iridium-Catalyzed Enantioselective Hydrogenation of Aliphatic $\hat{1}^3$ -Ketoacids. <i>ACS Catalysis</i> , 2020, 10, 10032-10039.	11.2	22
29	Enantioselective Total Syntheses of Pentacyclic Homoproaporphine Alkaloids. <i>Organic Letters</i> , 2020, 22, 7526-7530.	4.6	9
30	Highly Enantioselective O <sup>α</sup> -H Bond Insertion Reaction of $\hat{1}\pm$ -Alkyl- and $\hat{1}\pm$ -Alkenyl- $\hat{1}\pm$ -diazoacetates with Water. <i>Journal of the American Chemical Society</i> , 2020, 142, 10557-10566.	13.7	77
31	Cu/PCy <sub>3</sub> $\hat{1}\pm$ -Catalyzed Formal Carbene Insertion into Electron <sup>α</sup> -Deficient C <sup>α</sup> -H Bonds. <i>ChemCatChem</i> , 2020, 12, 4267-4271.	3.7	5
32	Enantioselective Diarylcarbene Insertion into Si <sup>α</sup> -H Bonds Induced by Electronic Properties of the Carbenes. <i>Journal of the American Chemical Society</i> , 2020, 142, 12394-12399.	13.7	62
33	Enantioselective hydrogenation of dialkyl ketones. <i>Nature Catalysis</i> , 2020, 3, 621-627.	34.4	85
34	Iridium-Catalyzed Asymmetric Hydrogenation of $\hat{1}^3$ - and $\hat{1}^2$ -Ketoacids for Enantioselective Synthesis of $\hat{1}^3$ - and $\hat{1}^2$ -Lactones. <i>Organic Letters</i> , 2020, 22, 818-822.	4.6	21
35	Stereoselective synthesis of medium lactams enabled by metal-free hydroalkoxylation/stereospecific [1,3]-rearrangement. <i>Nature Communications</i> , 2019, 10, 3234.	12.8	105
36	Enantioselective Hydrogenation of Racemic $\hat{1}\pm$ -Arylamino Lactones to Chiral Amino Diols with Site-Specifically Modified Chiral Spiro Iridium Catalysts. <i>Organic Letters</i> , 2019, 21, 4111-4115.	4.6	12

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37	Chiral Spiro Phosphoric Acid-Catalyzed Friedel-Crafts Conjugate Addition/Enantioselective Protonation Reactions. <i>ACS Catalysis</i> , 2019, 9, 6522-6529.	11.2	58
38	Stereodiverse Iterative Synthesis of 1,3-Polyol Arrays through Asymmetric Catalytic Hydrogenation. Formal Total Synthesis of (âˆ™)-Cyanolide A. <i>Organic Letters</i> , 2019, 21, 2369-2373.	4.6	9
39	Synthesis of Tridentate Chiral Spiro Aminophosphineâˆ™Oxazoline Ligands and Application to Asymmetric Hydrogenation of Î±-Keto Amides. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 2832-2835.	4.3	17
40	Scalable Enantioselective Total Synthesis of (âˆ™)-Goniomitine. <i>Angewandte Chemie</i> , 2019, 131, 1186-1189.	2.0	5
41	Enantioselective Total Synthesis of (âˆ™)-Doliculide Using Catalytic Asymmetric Hydrogenations. <i>Helvetica Chimica Acta</i> , 2019, 102, e1900023.	1.6	4
42	Alkenyl Exchange of Allylamines via Nickel(0)-Catalyzed C-C Bond Cleavage. <i>Journal of the American Chemical Society</i> , 2019, 141, 2889-2893.	13.7	43
43	Chiral Spiro Phosphoramidate-Catalyzed Sulfa-Michael Addition/Enantioselective Protonation of Exocyclic Enones. <i>Organic Letters</i> , 2019, 21, 9391-9395.	4.6	31
44	Highly enantioselective carbene insertion into N-H bonds of aliphatic amines. <i>Science</i> , 2019, 366, 990-994.	12.6	176
45	Nickel-catalyzed hydroalkylation and hydroalkenylation of 1,3-dienes with hydrazones. <i>Chemical Science</i> , 2019, 10, 10417-10421.	7.4	32
46	Iodine-Catalyzed Oxidative Rearrangement of Amines to Î±-Amino Acetals and Î±-Amino Aldehydes. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 1289-1294.	4.3	6
47	Nickel-Catalyzed Highly Atom-Economical C-C Coupling Reactions with Îµ Components. <i>Synlett</i> , 2019, 30, 361-369.	1.8	21
48	Scalable Enantioselective Total Synthesis of (âˆ™)-Goniomitine. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1174-1177.	13.8	28
49	Ligand-Enabled Ni-Catalyzed Enantioselective Hydroarylation of Styrenes and 1,3-Dienes with Arylboronic Acids. <i>CCS Chemistry</i> , 2019, 1, 328-334.	7.8	105
50	Brønsted Acid Enabled Nickel-Catalyzed Hydroalkenylation of Aldehydes with Styrene and its Derivatives. <i>Angewandte Chemie</i> , 2018, 130, 5162-5165.	2.0	2
51	Brønsted Acid Enabled Nickel-Catalyzed Hydroalkenylation of Aldehydes with Styrene and its Derivatives. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5068-5071.	13.8	23
52	Nickel(0)-Catalyzed Hydroalkenylation of Imines with Styrene and Its Derivatives. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3396-3400.	13.8	44
53	Nickel(0)-Catalyzed Hydroalkenylation of Imines with Styrene and Its Derivatives. <i>Angewandte Chemie</i> , 2018, 130, 3454-3458.	2.0	10
54	Chiral proton-transfer shuttle catalysts for carbene insertion reactions. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 3087-3094.	2.8	160

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55	Nickel(0)-Catalyzed Hydroarylation of Styrenes and 1,3-Dienes with Organoboron Compounds. <i>Angewandte Chemie</i> , 2018, 130, 470-473.	2.0	39
56	Nickel(0)-Catalyzed Hydroarylation of Styrenes and 1,3-Dienes with Organoboron Compounds. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 461-464.	13.8	153
57	Nickel(0)-Catalyzed Hydroalkylation of 1,3-Dienes with Simple Ketones. <i>Journal of the American Chemical Society</i> , 2018, 140, 11627-11630.	13.7	123
58	Iterative Synthesis of Polydeoxypropionates Based on Iridium-Catalyzed Asymmetric Hydrogenation of $\beta$ -Substituted Acrylic Acids. <i>Organic Letters</i> , 2018, 20, 3305-3309.	4.6	8
59	Gold-Catalyzed Oxidative Coupling of Terminal Alkynes and Borane Adducts: Efficient Synthesis of $\beta$ -Boryl Ketones. <i>ACS Catalysis</i> , 2018, 8, 7351-7355.	11.2	56
60	Iridium-Catalyzed Asymmetric Transfer Hydrogenation of Alkynyl Ketones Using Sodium Formate and Ethanol as Hydrogen Sources. <i>Organic Letters</i> , 2018, 20, 4486-4489.	4.6	25
61	Chiral Cyclohexyl-Fused Spirobiindanes: Practical Synthesis, Ligand Development, and Asymmetric Catalysis. <i>Journal of the American Chemical Society</i> , 2018, 140, 10374-10381.	13.7	84
62	Nickel(0)-catalyzed linear-selective hydroarylation of unactivated alkenes and styrenes with aryl boronic acids. <i>Chemical Science</i> , 2018, 9, 6839-6843.	7.4	90
63	Rhodium-Catalyzed $\text{B}\alpha\text{C}\text{H}$ Bond Insertion Reactions of Unstabilized Diazo Compounds Generated <i>in Situ</i> from Tosylhydrazones. <i>Journal of the American Chemical Society</i> , 2018, 140, 10663-10668.	13.7	71
64	An Efficient Ruthenium Catalyst Bearing Tetradentate Ligand for Hydrogenations of Carbon Dioxide. <i>Chinese Journal of Chemistry</i> , 2018, 36, 1000-1002.	4.9	21
65	Highly Enantioselective Nickel-Catalyzed Intramolecular Hydroalkenylation of N- and O-Tethered 1,6-Dienes To Form Six-Membered Heterocycles. <i>Journal of the American Chemical Society</i> , 2018, 140, 7458-7461.	13.7	37
66	Catalytic $\text{B}\alpha\text{C}\text{H}$ Bond Insertion Reactions Using Alkynes as Carbene Precursors. <i>Journal of the American Chemical Society</i> , 2017, 139, 3784-3789.	13.7	128
67	Highly Enantioselective Copper- and Iron-Catalyzed Intramolecular Cyclopropanation of Indoles. <i>Journal of the American Chemical Society</i> , 2017, 139, 7697-7700.	13.7	113
68	Asymmetric Hydrogenation of Tetrasubstituted Cyclic Enones to Chiral Cycloalkanols with Three Contiguous Stereocenters. <i>Organic Letters</i> , 2017, 19, 3231-3234.	4.6	45
69	Iridium-Catalyzed Asymmetric Hydrogenation of Unsaturated Carboxylic Acids. <i>Accounts of Chemical Research</i> , 2017, 50, 988-1001.	15.6	174
70	Iridium-Catalyzed Asymmetric Hydrogenation of Racemic $\beta$ -Keto Lactams via Dynamic Kinetic Resolution. <i>Organic Letters</i> , 2017, 19, 118-121.	4.6	24
71	Mechanism Studies of Ir-Catalyzed Asymmetric Hydrogenation of Unsaturated Carboxylic Acids. <i>Journal of the American Chemical Society</i> , 2017, 139, 541-547.	13.7	63
72	Asymmetric Total Synthesis of Gracilamine and Determination of Its Absolute Configuration. <i>Organic Letters</i> , 2017, 19, 5240-5243.	4.6	25

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73	Enantioselective Nazarov cyclization of indole enones cooperatively catalyzed by Lewis acids and chiral Brønsted acids. <i>Chemical Science</i> , 2017, 8, 7197-7202.	7.4	50
74	Divergent Asymmetric Total Synthesis of Mulinane Diterpenoids. <i>Angewandte Chemie</i> , 2017, 129, 12882-12885.	2.0	4
75	Divergent Asymmetric Total Synthesis of Mulinane Diterpenoids. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12708-12711.	13.8	32
76	Bioinspired enantioselective synthesis of crinine-type alkaloids via iridium-catalyzed asymmetric hydrogenation of enones. <i>Chemical Science</i> , 2017, 8, 6202-6206.	7.4	41
77	Copper-catalyzed Mannich-type oxidative $\beta^2$ -functionalization of tertiary amines. <i>Chemical Communications</i> , 2017, 53, 8770-8773.	4.1	27
78	Phosphine-Catalyzed Asymmetric (3 + 2) Annulations of $\beta$ -Acetoxy Allenates with $\beta$ -Carbonyl Amides: Enantioselective Synthesis of Spirocyclic $\beta$ -Keto $\beta^3$ -Lactams. <i>Organic Letters</i> , 2017, 19, 3668-3671.	4.6	50
79	Neutral iridium catalysts with chiral phosphine-carboxy ligands for asymmetric hydrogenation of unsaturated carboxylic acids. <i>Chemical Science</i> , 2017, 8, 1977-1980.	7.4	30
80	Iridium-catalyzed asymmetric hydrogenation of racemic $\beta$ -substituted lactones to chiral diols. <i>Chemical Science</i> , 2017, 8, 1811-1814.	7.4	31
81	Transition-Metal Catalysis and Organocatalysis: Where Can Progress Be Expected?. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 5352-5353.	13.8	108
82	Enantioselective Synthesis of Spirobarbiturate-Cyclohexenes through Phosphine-Catalyzed Asymmetric [4 + 2] Annulation of Barbiturate-Derived Alkenes with Allenates. <i>Organic Letters</i> , 2016, 18, 1302-1305.	4.6	91
83	Divergent enantioselective synthesis of hapalindole-type alkaloids using catalytic asymmetric hydrogenation of a ketone to construct the chiral core structure. <i>Chemical Science</i> , 2016, 7, 4725-4729.	7.4	26
84	Nickel-catalyzed hydrocarboxylation of alkynes with formic acid. <i>Green Chemistry</i> , 2016, 18, 2981-2984.	9.0	52
85	Deoxygenative Hydrogenation of Amides Catalyzed by a Well-Defined Iridium Pincer Complex. <i>ACS Catalysis</i> , 2016, 6, 3665-3669.	11.2	63
86	Boron Lewis Acid Promoted Ruthenium-Catalyzed Hydrogenation of Amides: An Efficient Approach to Secondary Amines. <i>ChemCatChem</i> , 2016, 8, 3036-3040.	3.7	43
87	Enantioselective Copper-Catalyzed Intramolecular N-H Bond Insertion: Synthesis of Chiral $\beta$ -Carboxytetrahydroquinolines. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 2366-2370.	4.3	35
88	Enantioselective Construction of Chiral 2,3-Dimethylhydrobenzofuran with an All-Carbon Quaternary Center: An Efficient Approach to (+)/( $\beta$ )-Plicinone 220 and (+)- $\beta$ -Epi-Furaquinocin C. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 1229-1240.	4.3	10
89	Nickel-Catalyzed Hydroacylation of Styrenes with Simple Aldehydes: Reaction Development and Mechanistic Insights. <i>Journal of the American Chemical Society</i> , 2016, 138, 2957-2960.	13.7	133
90	Enantioselective Approach to ( $\beta$ )-Hamigeran B and ( $\beta$ )-4-Bromohamigeran B via Catalytic Asymmetric Hydrogenation of Racemic Ketone To Assemble the Chiral Core Framework. <i>Organic Letters</i> , 2016, 18, 1434-1437.	4.6	42

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91	Ir/SpiroPAP Catalyzed Asymmetric Hydrogenation of a Key Intermediate of Montelukast: Process Development and Potential Impurities Study. <i>Organic Process Research and Development</i> , 2016, 20, 81-85.	2.7	17
92	Enantioselective synthesis of $\beta$ -alkenyl $\beta$ -amino acids via $N$ -H insertion reactions. <i>Chemical Science</i> , 2016, 7, 1104-1108.	7.4	56
93	Development of Chiral Spiro P $\beta$ -S Ligands for Iridium-Catalyzed Asymmetric Hydrogenation of $\beta$ -Alkyl $\beta$ -Ketoesters. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8791-8794.	13.8	67
94	Palladium-Catalyzed Hydrocarboxylation of Alkynes with Formic Acid. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6302-6305.	13.8	88
95	Highly efficient hydrogenation of carbon dioxide to formate catalyzed by iridium( $\kappa^3$ ) complexes of imine-diphosphine ligands. <i>Chemical Science</i> , 2015, 6, 2928-2931.	7.4	75
96	Efficient asymmetric transfer hydrogenation of ketones in ethanol with chiral iridium complexes of spiroPAP ligands as catalysts. <i>Chemical Communications</i> , 2015, 51, 6123-6125.	4.1	58
97	Catalytic Asymmetric Arylation of $\beta$ -Aryl $\beta$ -diazoacetates with Aniline Derivatives. <i>Journal of the American Chemical Society</i> , 2015, 137, 8700-8703.	13.7	158
98	Recent Advances in the Development of Chiral Metal Catalysts for the Asymmetric Hydrogenation of Ketones. <i>Synthesis</i> , 2015, 47, 460-471.	2.3	74
99	Chiral phosphine-catalyzed tunable cycloaddition reactions of allenolates with benzofuranone-derived olefins for a highly regio-, diastereo- and enantioselective synthesis of spiro-benzofuranones. <i>Chemical Science</i> , 2015, 6, 7319-7325.	7.4	79
100	Iron-catalyzed transformations of diazo compounds. <i>National Science Review</i> , 2014, 1, 580-603.	9.5	146
101	Enantioselective Ni $\beta$ -H Insertion Reaction of $\beta$ -Aryl $\beta$ -Diazoketones: An Efficient Route to Chiral $\beta$ -Aminoketones. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 3913-3916.	13.8	114
102	Synthesis of Chiral $\beta$ -Benzyl $\beta$ -hydroxy Carboxylic Acids through Iridium-Catalyzed Asymmetric Hydrogenation of $\beta$ -Oxymethylcinnamic Acids. <i>Chinese Journal of Chemistry</i> , 2014, 32, 783-787.	4.9	15
103	Remote Ester Group Leads to Efficient Kinetic Resolution of Racemic Aliphatic Alcohols via Asymmetric Hydrogenation. <i>Journal of the American Chemical Society</i> , 2014, 136, 17426-17429.	13.7	53
104	Enantioselective Palladium-Catalyzed Insertion of $\beta$ -Aryl $\beta$ -diazoacetates into the O $\beta$ -H Bonds of Phenols. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2978-2981.	13.8	116
105	Highly enantioselective S-H bond insertion cooperatively catalyzed by dirhodium complexes and chiral spiro phosphoric acids. <i>Chemical Science</i> , 2014, 5, 1442.	7.4	140
106	A novel approach for the synthesis of Crizotinib through the key chiral alcohol intermediate by asymmetric hydrogenation using highly active Ir-Spiro-PAP catalyst. <i>Tetrahedron Letters</i> , 2014, 55, 1528-1531.	1.4	26
107	Enantioselective Iron-Catalyzed Intramolecular Cyclopropanation Reactions. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13188-13191.	13.8	65
108	Chiral spiro iridium catalysts with SpiroPAP ligands: highly efficient for asymmetric hydrogenation of ketones and ketoesters. <i>Organic Chemistry Frontiers</i> , 2014, 1, 190.	4.5	38

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109	Ruthenium complexes of tetradentate bipyridine ligands: highly efficient catalysts for the hydrogenation of carboxylic esters and lactones. <i>Green Chemistry</i> , 2014, 16, 4081.	9.0	76
110	Carboxy-directed asymmetric hydrogenation of $\hat{1}\pm$ -alkyl- $\hat{1}\pm$ -aryl terminal olefins: highly enantioselective and chemoselective access to a chiral benzylmethyl center. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 2049.	2.8	28
111	Iridium-Catalyzed Enantioselective Hydrogenation of $\hat{1}\pm, \hat{1}^2$ -Unsaturated Carboxylic Acids with Tetrasubstituted Olefins. <i>Organic Letters</i> , 2013, 15, 3722-3725.	4.6	45
112	First asymmetric synthesis of Silodosin through catalytic hydrogenation by using Ir-SIPHOX catalysts. <i>Tetrahedron Letters</i> , 2013, 54, 1449-1451.	1.4	10
113	Copper-Catalyzed B $\hat{a}$ €H Bond Insertion Reaction: A Highly Efficient and Enantioselective C $\hat{a}$ €B Bond-Forming Reaction with Amine $\hat{a}$ €Borane and Phosphine $\hat{a}$ €Borane Adducts. <i>Journal of the American Chemical Society</i> , 2013, 135, 14094-14097.	13.7	137
114	Industrial Scale-Up of Enantioselective Hydrogenation for the Asymmetric Synthesis of Rivastigmine. <i>Organic Process Research and Development</i> , 2013, 17, 307-312.	2.7	60
115	Enantioselective Total Synthesis of ( $\hat{a}$ <sup>8</sup> )-THC and ( $\hat{a}$ <sup>9</sup> )-THC via Catalytic Asymmetric Hydrogenation and S <sub>N</sub> Ar Cyclization. <i>Organic Letters</i> , 2013, 15, 764-767.	4.6	57
116	Asymmetric Hydrogenation of $\hat{1}\pm, \hat{1}\pm$ -Disubstituted Cycloketones through Dynamic Kinetic Resolution: An Efficient Construction of Chiral Diols with Three Contiguous Stereocenters. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 593-596.	13.8	82
117	Carboxy-Directed Asymmetric Hydrogenation of 1,1-Diarylethenes and 1,1-Dialkylethenes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1556-1559.	13.8	102
118	Enantioselective Palladium-Catalyzed Ring-Opening Reaction of Azabenzonorbornadienes with Methyl 2-Iodobenzoate: An Efficient Access to <i>cis</i> -Dihydrobenzo[ <i>c</i> ]phenanthridinones. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 2833-2838.	4.3	19
119	Enantioselective Copper-Catalyzed Intramolecular Phenolic O $\hat{H}$ Bond Insertion: Synthesis of Chiral 2-Carboxy Dihydrobenzofurans, Dihydrobenzopyrans, and Tetrahydrobenzooxepines. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 2555-2558.	13.8	74
120	Catalytic Asymmetric Hydrogenation of $\hat{1}\hat{a}$ €Ketoesters: Highly Efficient Approach to Chiral 1,5-Diols. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7833-7836.	13.8	68
121	Iridium-Catalyzed Enantioselective Hydrogenation of Unsaturated Heterocyclic Acids. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6072-6075.	13.8	69
122	Catalytic Asymmetric Hydrogenation of $\hat{1}\hat{a}$ €Arylcyclohexanones and Total Synthesis of ( $\hat{a}$ <sup>1</sup> )-Lycorane. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 1597-1604.	4.3	36
123	Transition Metal-Catalyzed Enantioselective Hydrogenation of Enamides and Enamines. <i>Topics in Current Chemistry</i> , 2013, 343, 75-101.	4.0	9
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