Yong-Gui Zhou

List of Publications by Year
in descending order

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210 papers	13,232 citations	19657 61 h-index	28297 105 g-index
290 all docs	290 docs citations	290 times ranked	5926 citing authors

#	Article	IF	Citations
1	<scp>Copperâ€Catalyzed</scp> Siâ€”H Bond Insertion Polymerization for Synthesis of Optically Active Polyesters Containing Silicon. Chinese Journal of Chemistry, 2022, 40, 21-27.	4.9	13
2	A facile synthesis of pyrrolo[2,3â€j]phenanthridines via the cascade reaction of indoleanilines and aldehydes. Journal of Heterocyclic Chemistry, 2022, 59, 1116-1122.	2.6	4
3	Transfer-catalyst-free biomimetic asymmetric reduction of 3-sulfonyl coumarins with a regenerable NAD(P)H model. Chemical Communications, 2022, 58, 3973-3976.	4.1	5
4	Recent advances in transition-metal-catalyzed carbene insertion to Câ€“H bonds. Chemical Society Reviews, 2022, 51, 2759-2852.	38.1	120
5	Chiral-Phosphoric-Acid-Catalyzed C6-Selective Pictetâ€“Spengler Reactions for Construction of Polycyclic Indoles Containing Spiro Quaternary Stereocenters. Organic Letters, 2022, 24, 1727-1731.	4.6	8
6	Copper-Catalyzed [4 + 1] Annulation of Enaminothiones with Indoline-Based Diazo Compounds. Journal of Organic Chemistry, 2022, 87, 4424-4437.	3.2	6
7	Asymmetric Transfer Hydrogenation of 2,3-Disubstituted Flavanones through Dynamic Kinetic Resolution Enabled by Retro-Oxa-Michael Addition: Construction of Three Contiguous Stereogenic Centers. Journal of Organic Chemistry, 2022, 87, 7521-7530.	3.2	6
8	Kinetic Resolution of [2.2]Paracyclophane-Derived Cyclic N-Sulfonylimines via Palladium-Catalyzed Addition of Arylboronic Acids. Journal of Organic Chemistry, 2021, 86, 1262-1272.	3.2	9
9	Synthesis of chiral piperazin-2-ones through palladium-catalyzed asymmetric hydrogenation of pyrazin-2-ols. Organic Chemistry Frontiers, 2021, 8, 6273-6278.	4.5	5
10	Enantioselective Synthesis of Indole-Fused Bicyclo[3.2.1]octanes via Palladium(II)-Catalyzed Cascade Reaction. Organic Letters, 2021, 23, 802-807.	4.6	29
11	Chiral phosphoric acid-catalyzed regioselective synthesis of spiro aminals with quaternary stereocenters. Tetrahedron Letters, 2021, 65, 152793.	1.4	5
12	Chiral Phosphoric Acid-Catalyzed C6 Functionalization of 2,3-Disubstituted Indoles for Synthesis of Heterotriarylmethanes. Organic Letters, 2021, 23, 2393-2398.	4.6	18
13	Biomimetic reduction of imines and heteroaromatics with chiral and regenerable [2.2]Paracyclophane-Based NAD(P)H model CYNAM. Tetrahedron, 2021, 83, 131968.	1.9	10
14	Chiral Phosphoric Acid-Catalyzed Pictetâ€“Spengler Reactions for Synthesis of 5â€²,11â€²-Dihydrospiro[indoline-3,6â€²-indolo[3,2-c]qui-nolin]-2-ones Containing Quaternary Stereocenters. Journal of Organic Chemistry, 2021, 86, 6897-6906.	3.2	20
15	Nickel-Catalyzed Asymmetric Hydrogenation for Kinetic Resolution of [2.2]Paracyclophane-Derived Cyclic N-Sulfonylimines. Journal of Organic Chemistry, 2021, 86, 10788-10798.	3.2	13
16	Palladium-Catalyzed Fluoroalkylation via C(sp³)â€“S Bond Cleavage of Vinylsulfonium Salts. Organic Letters, 2021, 23, 6110-6114.	4.6	16
17	Diboron-mediated palladium-catalyzed asymmetric transfer hydrogenation using the proton of alcohols as hydrogen source. Science China Chemistry, 2021, 64, 1743-1749.	8.2	6
18	Biomimetic Asymmetric Reduction of Tetrasubstituted Olefin 2,3-Disubstituted Inden-1-ones with Chiral and Regenerable NAD(P)H Model CYNAM. Organic Letters, 2021, 23, 7166-7170.	4.6	7

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19	Construction of three stereocenters via hydrogenative desymmetrization of 2,2,5-trisubstituted cyclohexane-1,3-diones. Science China Chemistry, 2021, 64, 232-237.	8.2	10
20	Asymmetric hydrogenation of O-/N-functional group substituted arenes. Chemical Communications, 2021, 57, 12741-12753.	4.1	11
21	Dynamic Kinetic Resolution of Flavonoids via Asymmetric Allylic Alkylation: Construction of Two Contiguous Stereogenic Centers on Nucleophiles. ACS Catalysis, 2021, 11, 12859-12863.	11.2	14
22	Ruthenium-Catalyzed Asymmetric Transfer Hydrogenation of Î²-Substituted Î±-Oxobutyrolactones. Journal of Organic Chemistry, 2021, 86, 17453-17461.	3.2	4
23	Enantioselective Synthesis of 2-Functionalized Tetrahydroquinolines through Biomimetic Reduction. Organic Letters, 2021, 23, 9112-9117.	4.6	12
24	Partially biobased polymers: The synthesis of polysilylethers via dehydrocoupling catalyzed by an anionic iridium complex. Chinese Chemical Letters, 2020, 31, 1197-1200.	9.0	13
25	Reversal of diastereoselectivity in palladium-arene interaction directed hydrogenative desymmetrization of 1,3-diketones. Science China Chemistry, 2020, 63, 215-221.	8.2	15
26	Chiral and Regenerable NAD(P)H Models Enabled Biomimetic Asymmetric Reduction: Design, Synthesis, Scope, and Mechanistic Studies. Journal of Organic Chemistry, 2020, 85, 2355-2368.	3.2	34
27	Copper-Catalyzed Annulative Coupling of S,S-Disubstituted Enones with Diazo Compounds to Access Highly Functionalized Thiophene Derivatives. Journal of Organic Chemistry, 2020, 85, 1044-1053.	3.2	16
28	Assembled Multinuclear Ruthenium(II)â€“NNNN Complexes: Synthesis, Catalytic Properties, and DFT Calculations. Organometallics, 2020, 39, 93-104.	2.3	9
29	Copper(II)-Catalyzed Câ€“H Nitrogenation/Annulation Cascade of Ketene N,S-Acetals with Aryldiazonium Salts: A Direct Access to N²-Substituted Triazole and Triazine Derivatives. Organic Letters, 2020, 22, 310-315.	4.6	30
30	Cobalt-catalyzed selective dehydrocoupling polymerization of prochiral silanes and diols. European Polymer Journal, 2020, 134, 109832.	5.4	15
31	Recent Advances in Reductive Desymmetrization of Diketones. Asian Journal of Organic Chemistry, 2020, 9, 1942-1952.	2.7	18
32	Enantioselective Synthesis of Tetrahydroquinolines via<scp>Oneâ€Pot</scp> Cascade Biomimetic Reduction^{â€}. Chinese Journal of Chemistry, 2020, 38, 1691-1695.	4.9	10
33	Design and synthesis of chiral and regenerable [2.2]paracyclophane-based NAD(P)H models and application in biomimetic reduction of flavonoids. Chemical Science, 2020, 11, 10220-10224.	7.4	29
34	Transition-metal mediated carbonâ€“sulfur bond activation and transformations: an update. Chemical Society Reviews, 2020, 49, 4307-4359.	38.1	197
35	Biomimetic asymmetric reduction of benzoxazinones and quinoxalinones using ureas as transfer catalysts. Chemical Communications, 2020, 56, 7309-7312.	4.1	22
36	Synthesis of Chiral Poly(silyl ether)s via CuH-Catalyzed Asymmetric Hydrosilylation Polymerization of Diketones with Silanes. ACS Macro Letters, 2020, 9, 969-973.	4.8	20

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37	Photoinduced, Copper-Catalyzed Three-Component Annulation of gem-Dialkylthio Enynes. Organic Letters, 2020, 22, 5202-5206.	4.6	26
38	Synthesis of cis Î²â€Hydroxy Ketones by Desymmetrization of 1,3â€Cyclopentanediones through Rutheniumâ€Catalyzed Hydrogen Transfer. Asian Journal of Organic Chemistry, 2020, 9, 753-756.	2.7	10
39	Biomimetic Asymmetric Reduction of Quinazolinones with Chiral and Regenerable NAD (P)H Models. Chinese Journal of Chemistry, 2020, 38, 714-718.	4.9	13
40	ZnCl₂â€Catalyzed [4+1] Annulation of Alkylthioâ€Substituted Enaminones and Enaminothiones with Sulfur Ylides. Chemistry - A European Journal, 2020, 26, 4941-4946.	3.3	19
41	Palladium-catalyzed asymmetric hydrogenation of 2-aryl cyclic ketones for the synthesis of trans cycloalkanols through dynamic kinetic resolution under acidic conditions. Chemical Communications, 2020, 56, 5815-5818.	4.1	12
42	Chiral BrÃ¸nsted acid-catalyzed conjugate addition of indoles to azadienes: Enantioselective synthesis of hetero-triarylmethanes. Chinese Journal of Catalysis, 2019, 40, 1566-1575.	14.0	21
43	Rhodium(III)-Catalyzed Annulative Coupling of Sulfoxonium Ylides and Allenoates: An Arene Câ€“H Activation/Cyclopropanation Cascade. Organic Letters, 2019, 21, 9217-9222.	4.6	53
44	Copper-Catalyzed Alkynylation/Cyclization/Isomerization Cascade for Synthesis of 1,2-Dihydrobenzofuro[3,2-b]pyridines and Benzofuro[3,2-b]pyridines. Journal of Organic Chemistry, 2019, 84, 15498-15507.	3.2	19
45	Highly Regioselective Câ€“H Alkylation of Alkenes Through an Aryl to Vinyl 1,4-Palladium Migration/Câ€“C Cleavage Cascade. ACS Catalysis, 2019, 9, 11669-11675.	11.2	51
46	Facile synthesis of chiral Îµ-sultams via an organocatalytic aza-Friedelâ€“Crafts reaction. Organic and Biomolecular Chemistry, 2019, 17, 6364-6368.	2.8	21
47	Chiral Phosphoric Acid-Catalyzed Synthesis of Fluorinated 5,6-Dihydroindolo[1,2-c]quinazolines with Quaternary Stereocenters. Journal of Organic Chemistry, 2019, 84, 8300-8308.	3.2	14
48	Enantioselective Carbene Insertion into Oâ€“H of Phenols with Chiral Palladium/2,2â€²-Biimidazole Complexes. Organometallics, 2019, 38, 3902-3905.	2.3	17
49	A Condensation/Reductive Alkylation/Hydrogenation Cascade for Facile Synthesis of Chiral 2,3â€Disubstituted Indolines. Asian Journal of Organic Chemistry, 2019, 8, 1118-1121.	2.7	3
50	Iridium-catalyzed asymmetric hydrogenation of quinazolinones. Organic Chemistry Frontiers, 2019, 6, 2250-2253.	4.5	11
51	Synthesis of chiral seven-membered cyclic sulfonamides through palladium-catalyzed arylation of cyclic imines. Organic Chemistry Frontiers, 2019, 6, 1572-1576.	4.5	23
52	A highly stable neutral viologen/bromine aqueous flow battery with high energy and power density. Chemical Communications, 2019, 55, 4801-4804.	4.1	78
53	Preparation of Axially Chiral 2,2â€²-Biimidazole Ligands through Remote Chirality Delivery and Their Application in Asymmetric Carbene Insertion into Nâ€“H of Carbazoles. Organic Letters, 2019, 21, 2712-2717.	4.6	28
54	Enantioselective Synthesis of 3,4-Dihydropyrimidin-2(1H)-ones through Organocatalytic Transfer Hydrogenation of 2-Hydroxypyrimidines. Journal of Organic Chemistry, 2019, 84, 4435-4442.	3.2	24

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55	Construction of Multiple-Substituted Chiral Cyclohexanes through Hydrogenative Desymmetrization of 2,2,5-Trisubstituted 1,3-Cyclohexanediones. Organic Letters, 2019, 21, 9401-9404.	4.6	15
56	Synthesis of paracyclophanes with planar and central chirality: kinetic resolution of [2.2]paracyclophane aldimines via palladium-catalyzed addition of arylboronic acids. Organic Chemistry Frontiers, 2019, 6, 3956-3960.	4.5	7
57	Catalytic Biomimetic Asymmetric Reduction of Alkenes and Imines Enabled by Chiral and Regenerable NAD(P)H Models. Angewandte Chemie, 2019, 131, 1827-1831.	2.0	7
58	Catalytic Biomimetic Asymmetric Reduction of Alkenes and Imines Enabled by Chiral and Regenerable NAD(P)H Models. Angewandte Chemie - International Edition, 2019, 58, 1813-1817.	13.8	51
59	Facile Synthesis of Chiral Cyclic Ureas through Hydrogenation of 2â€Hydroxypyrimidine/Pyrimidinâ€2(1H)â€one Tautomers. Angewandte Chemie, 2018, 130, 5955-5959.	2.0	5
60	Facile Synthesis of Chiral Cyclic Ureas through Hydrogenation of 2â€Hydroxypyrimidine/Pyrimidinâ€2(1H)â€one Tautomers. Angewandte Chemie - International Edition, 2018, 57, 5853-5857.	13.8	43
61	Synthesis of chiral Î³-aminophosphonates through the organocatalytic hydrophosphonylation of azadienes with phosphites. Organic Chemistry Frontiers, 2018, 5, 1148-1151.	4.5	45
62	Ruthenium-Catalyzed Hydrogenation of Carbocyclic Aromatic Amines: Access to Chiral Exocyclic Amines. Organic Letters, 2018, 20, 1094-1097.	4.6	35
63	Synthesis of chiral sultams with two adjacent stereocenters via palladium-catalyzed dynamic kinetic resolution. Organic Chemistry Frontiers, 2018, 5, 1113-1117.	4.5	17
64	Iridiumâ€catalyzed Asymmetric Hydrogenation of Polycyclic Pyrrolo/Indolo[1,2â€a]quinoxalines and Phenanthridines. Advanced Synthesis and Catalysis, 2018, 360, 1334-1339.	4.3	24
65	Enantioselective palladium-catalyzed Câ€“H functionalization of pyrroles using an axially chiral 2,2â€²-bipyridine ligand. Organic Chemistry Frontiers, 2018, 5, 611-614.	4.5	26
66	Iridium-Catalyzed Asymmetric Hydrogenation of 4,6-Disubstituted 2-Hydroxypyrimidines. Organic Letters, 2018, 20, 6415-6419.	4.6	28
67	C2-Symmetric Hindered â€œSandwichâ€•Chiral N-Heterocyclic Carbene Precursors and Their Transition Metal Complexes: Expedient Syntheses, Structural Authentication, and Catalytic Properties. Organometallics, 2018, 37, 3756-3769.	2.3	11
68	Synthesis of Benzofuranâ€fused 1,4â€Dihydropyridines via Bifunctional Squaramideâ€catalyzed Formal [4+2] Cycloaddition of Azadienes with Malononitrile. Chinese Journal of Chemistry, 2018, 36, 1130-1134.	4.9	37
69	Catalytic Asymmetric Conjugate Addition of Tritylthiol to Azadienes with a Bifunctional Organocatalyst. Asian Journal of Organic Chemistry, 2018, 7, 1561-1564.	2.7	34
70	Synthesis of Poly(silyl ethers) via Iridium-Catalyzed Dehydrocoupling Polymerization. Organometallics, 2018, 37, 2342-2347.	2.3	13
71	Facile synthesis of chiral indolines through asymmetric hydrogenation of in situ generated indoles. Organic Chemistry Frontiers, 2018, 5, 2805-2809.	4.5	24
72	Synthesis of electron-deficient (Sa,R,R)-(CF 3) 2 -C 3 -TunePhos and its applications in asymmetric hydrogenation of Î±-iminophosphonates. Tetrahedron Letters, 2018, 59, 2960-2964.	1.4	9

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73	Synthesis of Tetrahydropyrrolo/indolo[1,2-a]pyrazines by Enantioselective Hydrogenation of Heterocyclic Imines. Acta Chimica Sinica, 2018, 76, 103.	1.4	11
74	Iridium-catalyzed asymmetric hydrogenation of cyclic iminium salts. Organic Chemistry Frontiers, 2017, 4, 1125-1129.	4.5	24
75	Regioselective Î±â€Addition of Deconjugated Butenolides: Enantioselective Synthesis of Dihydrocoumarins. Angewandte Chemie, 2017, 129, 4064-4068.	2.0	17
76	Regioselective Î±â€Addition of Deconjugated Butenolides: Enantioselective Synthesis of Dihydrocoumarins. Angewandte Chemie - International Edition, 2017, 56, 4006-4010.	13.8	95
77	Bifunctional squaramide-catalyzed synthesis of chiral dihydrocoumarins via ortho-quinone methides generated from 2-(1-tosylalkyl)phenols. Chemical Communications, 2017, 53, 3531-3534.	4.1	61
78	Enantioselective synthesis of quaternary Î±-aminophosphonates by organocatalytic Friedelâ€“Crafts reactions of indoles with cyclic Î±-ketiminophosphonates. Chinese Journal of Catalysis, 2017, 38, 784-791.	14.0	15
79	Synthesis of chiral Î³ -sultams through intramolecular reductive amination with sulfonylcarbamate as N- source. Tetrahedron Letters, 2017, 58, 1528-1530.	1.4	5
80	Synthesis of chiral sultams via palladium-catalyzed intramolecular asymmetric reductive amination. Chemical Communications, 2017, 53, 1704-1707.	4.1	44
81	Asymmetric Hydrogenation of Isoquinolines and Pyridines Using Hydrogen Halide Generated in Situ as Activator. Organic Letters, 2017, 19, 4988-4991.	4.6	59
82	Enantioselective Hydrogenation of Pyrrolo[1,2â€a]pyrazines, Heteroaromatics Containing Two Nitrogen Atoms. Advanced Synthesis and Catalysis, 2017, 359, 2762-2767.	4.3	19
83	Electronically deficient (Rax , S , S)-F 12 -C 3 -TunePhos and its applications in asymmetric 1,4-addition reactions. Tetrahedron Letters, 2016, 57, 1925-1929.	1.4	5
84	Synthesis of Chiral Fluorinated Hydrazines via Pd-Catalyzed Asymmetric Hydrogenation. Organic Letters, 2016, 18, 2676-2679.	4.6	36
85	Asymmetric Hydrogenation of Heteroarenes with Multiple Heteroatoms. Synthesis, 2016, 48, 1769-1781.	2.3	55
86	Copper-catalyzed enantioselective Câ€“H functionalization of indoles with an axially chiral bipyridine ligand. Organic and Biomolecular Chemistry, 2016, 14, 8237-8240.	2.8	41
87	Enantioselective synthesis of quaternary Î±-aminophosphonates by Pd-catalyzed arylation of cyclic Î±-ketiminophosphonates with arylboronic acids. Chemical Communications, 2016, 52, 10882-10885.	4.1	37
88	Kinetic Resolution of Axially Chiral 5- or 8-Substituted Quinolines via Asymmetric Transfer Hydrogenation. Journal of the American Chemical Society, 2016, 138, 10413-10416.	13.7	112
89	Synthesis of Chiral Fluorinated Propargylamines via Chemoselective Biomimetic Hydrogenation. Organic Letters, 2016, 18, 4650-4653.	4.6	62
90	A Hydrogenation/Oxidative Fragmentation Cascade for Synthesis of Chiral 4,5-Dihydro-1H-benzo[d]azepin-1-ones. Organic Letters, 2016, 18, 5920-5923.	4.6	15

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91	Synthesis of Chiral Piperazines via Hydrogenation of Pyrazines Activated by Alkyl Halides. Organic Letters, 2016, 18, 3082-3085.	4.6	42
92	Solvent-promoted highly selective dehydrogenation of tetrahydroisoquinolines without catalyst and hydrogen acceptor. Tetrahedron Letters, 2016, 57, 747-749.	1.4	14
93	Enantioselective Synthesis of Î±-Amino Phosphonates via Pd-Catalyzed Asymmetric Hydrogenation. Organic Letters, 2016, 18, 692-695.	4.6	59
94	Iridium-Catalyzed Asymmetric Hydrogenation of Heteroaromatics Bearing a Hydroxyl Group, 3-Hydroxypyridinium Salts. ACS Catalysis, 2016, 6, 2368-2371.	11.2	29
95	Enantioselective palladium-catalyzed arylation of N-tosylarylimines with arylboronic acids using a chiral 2,2â€²-bipyridine ligand. Organic and Biomolecular Chemistry, 2016, 14, 55-58.	2.8	22
96	Enantioselective Palladiumâ€Catalyzed Cï£¿H Functionalization of Indoles Using an Axially Chiral 2,2â€²â€Bipyridine Ligand. Angewandte Chemie - International Edition, 2015, 54, 11956-11960.	13.8	113
97	Enantioselective synthesis of functionalized 2-amino-4H-chromenes via the o-quinone methides generated from 2-(1-tosylalkyl)phenols. Tetrahedron Letters, 2015, 56, 4334-4338.	1.4	52
98	Câ€“H Oxidation/Michael Addition/Cyclization Cascade for Enantioselective Synthesis of Functionalized 2-Amino-4H-chromenes. Organic Letters, 2015, 17, 6134-6137.	4.6	81
99	Formal Palladium-Catalyzed Asymmetric Hydrogenolysis of Racemic N-Sulfonyloxaziridines. Organic Letters, 2015, 17, 190-193.	4.6	32
100	Formal Asymmetric Catalytic Thiolation with a Bifunctional Catalyst at a Waterâ€“Oil Interface: Synthesis of Benzyl Thiols. Angewandte Chemie - International Edition, 2015, 54, 4522-4526.	13.8	115
101	Highly selective partial dehydrogenation of tetrahydroisoquinolines using modified Pd/C. Chinese Journal of Catalysis, 2015, 36, 33-39.	14.0	10
102	Direct amination of 2-(1-tosylalkyl)phenols with aqueous ammonia: a metal-free synthesis of primary amines. Tetrahedron Letters, 2015, 56, 1135-1137.	1.4	21
103	Iridium-Catalyzed Selective Hydrogenation of 3-Hydroxypyridinium Salts: A Facile Synthesis of Piperidin-3-ones. Organic Letters, 2015, 17, 1640-1643.	4.6	29
104	Pd-catalyzed asymmetric hydrogenation of fluorinated aromatic pyrazol-5-ols via capture of active tautomers. Chemical Science, 2015, 6, 3415-3419.	7.4	41
105	Enantioselective synthesis of trifluoromethyl substituted piperidines with multiple stereogenic centers via hydrogenation of pyridinium hydrochlorides. Organic Chemistry Frontiers, 2015, 2, 586-589.	4.5	38
106	Concise Redox Deracemization of Secondary and Tertiary Amines with a Tetrahydroisoquinoline Core via a Nonenzymatic Process. Journal of the American Chemical Society, 2015, 137, 10496-10499.	13.7	89
107	Synthesis of Chiral Trifluoromethyl-Substituted Hydrazines via Pd-Catalyzed Asymmetric Hydrogenation and Reductive Amination. ACS Catalysis, 2015, 5, 6086-6089.	11.2	55
108	Enantioselective Metalâ€Free Hydrogenation Catalyzed by Chiral Frustrated Lewis Pairs. ChemCatChem, 2015, 7, 54-56.	3.7	66

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109	Asymmetric Hydrogenation of Aromatic Carbocyclic Rings and Thiophenes. Synlett, 2014, 25, 928-931.	1.8	18
110	Asymmetric Transfer Hydrogenation of 3-(Trifluoromethyl)quinolines. Synthesis, 2014, 46, 2751-2756.	2.3	14
111	A Streamlined Synthesis of 2,3â€Dihydrobenzofurans via the orthoâ€Quinone Methides Generated from 2â€Alkylâ€Substituted Phenols. Advanced Synthesis and Catalysis, 2014, 356, 383-387.	4.3	52
112	Homogenous Pd-Catalyzed Asymmetric Hydrogenation of Unprotected Indoles: Scope and Mechanistic Studies. Journal of the American Chemical Society, 2014, 136, 7688-7700.	13.7	169
113	Synthesis of Fluorinated Heteroaromatics through Formal Substitution of a Nitro Group by Fluorine under Transitionâ€Metalâ€Free Conditions. Chemistry - A European Journal, 2014, 20, 8343-8346.	3.3	11
114	Chiral Phosphoric Acid-Catalyzed Asymmetric Transfer Hydrogenation of Quinolin-3-amines. Organic Letters, 2014, 16, 2680-2683.	4.6	70
115	The Concise Synthesis of Spiro-Cyclopropane Compounds via the Dearomatization of Indole Derivatives. Organic Letters, 2014, 16, 2578-2581.	4.6	41
116	Synthesis of Chiral Exocyclic Amines by Asymmetric Hydrogenation of Aromatic Quinolinâ€3â€amines. Chemistry - A European Journal, 2014, 20, 7245-7248.	3.3	35
117	A Concise Synthesis of 2â€(2â€Hydroxyphenyl)acetonitriles via the oâ€Quinone Methides Generated from 2â€(1â€Tosylalkyl)phenols. Chinese Journal of Chemistry, 2014, 32, 981-984.	4.9	15
118	Asymmetric Hydrogenation via Capture of Active Intermediates Generated from Aza-Pinacol Rearrangement. Journal of the American Chemical Society, 2014, 136, 15837-15840.	13.7	30
119	Facile construction of three contiguous stereogenic centers via dynamic kinetic resolution in asymmetric transfer hydrogenation of quinolines. Chemical Communications, 2014, 50, 12526-12529.	4.1	52
120	Palladium-catalyzed asymmetric hydrogenation of 3-phthalimido substituted quinolines. Chemical Communications, 2014, 50, 9588-9590.	4.1	65
121	Iridium-Catalyzed Asymmetric Hydrogenation of Pyrrolo[1,2-a]pyrazinium Salts. Organic Letters, 2014, 16, 3324-3327.	4.6	43
122	4,5-Dihydropyrrolo[1,2-a]quinoxalines: A Tunable and Regenerable Biomimetic Hydrogen Source. Organic Letters, 2014, 16, 1406-1409.	4.6	63
123	Palladiumâ€Catalyzed Asymmetric Hydrogenolysis of Nâ€Sulfonyl Aminoalcohols via Achiral Enesulfonamide Intermediates. Angewandte Chemie - International Edition, 2013, 52, 13365-13368.	13.8	18
124	Palladium-catalyzed asymmetric hydrogenation of fluorinated quinazolinones. Tetrahedron Letters, 2013, 54, 6161-6163.	1.4	22
125	An efficient route to chiral N-heterocycles bearing a Câ€“F stereogenic center via asymmetric hydrogenation of fluorinated isoquinolines. Chemical Communications, 2013, 49, 8537.	4.1	41
126	Homogeneous palladium-catalyzed asymmetric hydrogenation. Chemical Society Reviews, 2013, 42, 497-511.	38.1	334

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127	Enantioselective Iridiumâ€Catalyzed Hydrogenation of 1â€•and 3â€Substituted Isoquinolinium Salts. Angewandte Chemie - International Edition, 2013, 52, 3685-3689.	13.8	123
128	A mild method for generation of o-quinone methides under basic conditions. The facile synthesis of trans-2,3-dihydrobenzofurans. Chemical Communications, 2013, 49, 1660.	4.1	107
129	Asymmetric Transfer Hydrogenation of 3â€Nitroquinolines: Facile Access to Cyclic Nitro Compounds with Two Contiguous Stereocenters. Chemistry - an Asian Journal, 2013, 8, 1381-1385.	3.3	45
130	Enantioselective Synthesis of Endocyclic Î²-Amino Acids with Two Contiguous Stereocenters via Hydrogenation of 3-Alkoxycarbonyl-2-Substituted Quinolines. Synthesis, 2013, 45, 3239-3244.	2.3	13
131	Iridium-catalyzed asymmetric hydrogenation of dibenzo[b,f][1,4]thiazepines. Pure and Applied Chemistry, 2013, 85, 843-849.	1.9	23
132	Iridium Catalyzed Asymmetric Hydrogenation of Cyclic Imines of Benzodiazepinones and Benzodiazepines. Organic Letters, 2012, 14, 3890-3893.	4.6	37
133	Asymmetric hydrogenolysis of racemic tertiary alcohols, 3-substituted 3-hydroxyisoindolin-1-ones. Chemical Communications, 2012, 48, 1698-1700.	4.1	90
134	Pd-Catalyzed asymmetric hydrogenation of 3-(toluenesulfonamidoalkyl)indoles. Organic and Biomolecular Chemistry, 2012, 10, 1235-1238.	2.8	67
135	Iridiumâ€Catalyzed Asymmetric Hydrogenation of Pyridinium Salts. Angewandte Chemie - International Edition, 2012, 51, 10181-10184.	13.8	135
136	A new electronically deficient atropisomeric diphosphine ligand (S)-CF3O-BiPhep and its application in asymmetric hydrogenation. Tetrahedron Letters, 2012, 53, 2556-2559.	1.4	33
137	Dihydrophenanthridine: A New and Easily Regenerable NAD(P)H Model for Biomimetic Asymmetric Hydrogenation. Journal of the American Chemical Society, 2012, 134, 2442-2448.	13.7	247
138	Enantioselective Iridiumâ€Catalyzed Hydrogenation of 3,4â€Disubstituted Isoquinolines. Angewandte Chemie - International Edition, 2012, 51, 8286-8289.	13.8	107
139	Asymmetric Hydrogenation of Heteroarenes and Arenes. Chemical Reviews, 2012, 112, 2557-2590.	47.7	938
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