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	Asymmetric Hydrogenation of Heteroarenes and Arenes. Chemical Reviews, 2012, 112, 2557-2590.	47.7	938
2	Asymmetric Hydrogenation of Heteroaromatic Compounds. Accounts of Chemical Research, 2007, 40, 1357-1366.	15.6	605
3	Highly Enantioselective Iridium-Catalyzed Hydrogenation of Heteroaromatic Compounds, Quinolines. Journal of the American Chemical Society, 2003, 125, 10536-10537.	13.7	517
4	Homogeneous palladium-catalyzed asymmetric hydrogenation. Chemical Society Reviews, 2013, 42, 497-511.	38.1	334
5	Asymmetric Hydrogenation of Quinolines and Isoquinolines Activated by Chloroformates. Angewandte Chemie - International Edition, 2006, 45, 2260-2263.	13.8	305
6	Pd-Catalyzed Asymmetric Hydrogenation of Unprotected Indoles Activated by BrÃ¸nsted Acids. Journal of the American Chemical Society, 2010, 132, 8909-8911.	13.7	263
7	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
8	Hydrogen-Bonding Directed Reversal of Enantioselectivity. Journal of the American Chemical Society, 2007, 129, 750-751.	13.7	224
9	Highly Effective Chiral Ortho-Substituted BINAPO Ligands (o-BINAPO):Â Applications in Ru-Catalyzed Asymmetric Hydrogenations of Î²-Aryl-Substituted Î²-(Acylamino)acrylates and Î²-Keto Esters. Journal of the American Chemical Society, 2002, 124, 4952-4953.	13.7	203
10	Convergent Asymmetric Disproportionation Reactions: Metal/BrÃ¸nsted Acid Relay Catalysis for Enantioselective Reduction of Quinoxalines. Journal of the American Chemical Society, 2011, 133, 6126-6129.	13.7	198
11	Transition-metal mediated carbonâ€“sulfur bond activation and transformations: an update. Chemical Society Reviews, 2020, 49, 4307-4359.	38.1	197
12	Highly Enantioselective Iridium-Catalyzed Hydrogenation of 2-Benzylquinolines and 2-Functionalized and 2,3-Disubstituted Quinolines. Journal of Organic Chemistry, 2009, 74, 2780-2787.	3.2	192
13	Biomimetic Asymmetric Hydrogenation: In Situ Regenerable Hantzsch Esters for Asymmetric Hydrogenation of Benzoxazinones. Journal of the American Chemical Society, 2011, 133, 16432-16435.	13.7	175
14	Highly Enantioselective Reductive Amination of Simple Aryl Ketones Catalyzed by Irâ˜f-Binaphane in the Presence of Titanium(IV) Isopropoxide and Iodine. Journal of Organic Chemistry, 2003, 68, 4120-4122.	3.2	172
15	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
16	Asymmetric Hydrogenation of Quinolines Catalyzed by Iridium with Chiral Ferrocenyloxazoline Derived N,P Ligands. Advanced Synthesis and Catalysis, 2004, 346, 909-912.	4.3	163
17	Dehydration triggered asymmetric hydrogenation of 3-(Î±-hydroxyalkyl)indoles. Chemical Science, 2011, 2, 803.	7.4	157
18	Enantioselective Synthesis of Cyclic Sulfamidates via Pd-Catalyzed Hydrogenation. Organic Letters, 2008, 10, 2071-2074.	4.6	154

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19	Highly Enantioselective Pd-Catalyzed Asymmetric Hydrogenation of Activated Imines. Journal of Organic Chemistry, 2007, 72, 3729-3734.	3.2	142
20	Highly Enantioselective Partial Hydrogenation of Simple Pyrroles: A Facile Access to Chiral 1-Pyrrolines. Journal of the American Chemical Society, 2011, 133, 8866-8869.	13.7	142
21	Iron Porphyrin-Catalyzed Olefination of Ketenes with Diazoacetate for the Enantioselective Synthesis of Allenes. Journal of the American Chemical Society, 2007, 129, 1494-1495.	13.7	140
22	Iridiumâ€Catalyzed Asymmetric Hydrogenation of Pyridinium Salts. Angewandte Chemie - International Edition, 2012, 51, 10181-10184.	13.8	135
23	Bifunctional AgOAc-Catalyzed Asymmetric [3 + 2] Cycloaddition of Azomethine Ylides. Organic Letters, 2005, 7, 5055-5058.	4.6	132
24	Enantioselective Iridiumâ€Catalyzed Hydrogenation of 1â€•and 3â€Substituted Isoquinolinium Salts. Angewandte Chemie - International Edition, 2013, 52, 3685-3689.	13.8	123
25	Recent advances in transition-metal-catalyzed carbene insertion to Câ€“H bonds. Chemical Society Reviews, 2022, 51, 2759-2852.	38.1	120
26	Iridium-catalyzed asymmetric hydrogenation of pyridine derivatives, 7,8-dihydro-quinolin-5(6H)-ones. Tetrahedron Letters, 2008, 49, 4922-4924.	1.4	119
27	Synthesis of Tunable Bisphosphine Ligands and Their Application in Asymmetric Hydrogenation of Quinolines. Journal of Organic Chemistry, 2008, 73, 5640-5642.	3.2	117
28	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
29	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
30	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
31	Enantioselective Iridiumâ€Catalyzed Hydrogenation of 3,4â€Disubstituted Isoquinolines. Angewandte Chemie - International Edition, 2012, 51, 8286-8289.	13.8	107
32	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
33	Highly Enantioselective Synthesis of Sultams via Pd-Catalyzed Hydrogenation. Journal of Organic Chemistry, 2009, 74, 5633-5635.	3.2	105
34	The enantioselective total synthesis of alkaloid (â^')-galipeine. Tetrahedron: Asymmetry, 2004, 15, 1145-1149.	1.8	95
35	Iridium-catalyzed asymmetric transfer hydrogenation of quinolines with Hantzsch esters. Tetrahedron: Asymmetry, 2007, 18, 1103-1107.	1.8	95
36	Regioselective Î±â€Addition of Deconjugated Butenolides: Enantioselective Synthesis of Dihydrocoumarins. Angewandte Chemie - International Edition, 2017, 56, 4006-4010.	13.8	95

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37	Enantioselective Pd-Catalyzed Hydrogenation of Fluorinated Imines: Facile Access to Chiral Fluorinated Amines. Organic Letters, 2010, 12, 5075-5077.	4.6	94
38	Trans Effect of Different Coordinated Atoms of Planar Chiral Ferrocene Ligands with the Same Backbone in Palladiumâ^'Catalyzed Allylic Substitutions. Organometallics, 2003, 22, 1255-1265.	2.3	93
39	An Enantioselective Approach to 2,3â€Disubstituted Indolines through Consecutive BrÃ¸nsted Acid/Pdâ€Complexâ€Promoted Tandem Reactions. Chemistry - A European Journal, 2011, 17, 7193-7197.	3.3	90
40	Asymmetric hydrogenolysis of racemic tertiary alcohols, 3-substituted 3-hydroxyisoindolin-1-ones. Chemical Communications, 2012, 48, 1698-1700.	4.1	90
41	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
42	Asymmetric Aziridination over Ylides: Highly Stereoselective Synthesis of Acetylenyl-N-sulfonylaziridines. Angewandte Chemie International Edition in English, 1997, 36, 1317-1319.	4.4	87
43	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
44	Asymmetric Hydrogenation with Water/Silane as the Hydrogen Source. Chemistry - A European Journal, 2010, 16, 1133-1136.	3.3	80
45	Asymmetric hydrogenation of quinolines activated by BrÃ¸nsted acids. Tetrahedron Letters, 2010, 51, 3014-3017.	1.4	79
46	AgOAc catalyzed asymmetric [3+2] cycloaddition of azomethine ylides with chiral ferrocene derived P,S ligands. Tetrahedron Letters, 2007, 48, 4619-4622.	1.4	78
47	A highly stable neutral viologen/bromine aqueous flow battery with high energy and power density. Chemical Communications, 2019, 55, 4801-4804.	4.1	78
48	Allylation of Imines with Allyltrimethylsilane and Experimental Evidences for a Fluoride-Triggered Autocatalysis Mechanism of the Sakuraiâ^'Hosomi Reaction. Journal of Organic Chemistry, 1999, 64, 4233-4237.	3.2	77
49	Enantioselective palladium catalyzed allylic substitution with chiral thioether derivatives of ferrocenyl-oxazoline and the role of planar chirality in this reaction. Chemical Communications, 1998, , 2765-2766.	4.1	73
50	Palladium-Catalyzed Asymmetric Hydrogenation of Functionalized Ketones. Organic Letters, 2005, 7, 3235-3238.	4.6	73
51	Chiral Phosphoric Acid-Catalyzed Asymmetric Transfer Hydrogenation of Quinolin-3-amines. Organic Letters, 2014, 16, 2680-2683.	4.6	70
52	Synthesis and Highly Enantioselective Hydrogenation of Exocyclic Enamides:â€‰ (Z)-3-Arylidene-4-acetyl-3,4-dihydro-2H- 1,4-benzoxazines. Journal of Organic Chemistry, 2005, 70, 1679-1683.	3.2	69
53	Highly Stereoselective Ylide Aziridination of N-Sulfonylimines with Sulfonium Propargylides:â€‰ A Simple Way To Synthesize Scalemic Acetylenylaziridines. Journal of Organic Chemistry, 1998, 63, 4338-4348.	3.2	68
54	Highly Effective and Diastereoselective Synthesis of Axially Chiral Bis-sulfoxide Ligands via Oxidative Aryl Coupling. Organic Letters, 2010, 12, 1928-1931.	4.6	67

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55	Pd-Catalyzed asymmetric hydrogenation of 3-(toluenesulfonamidoalkyl)indoles. Organic and Biomolecular Chemistry, 2012, 10, 1235-1238.	2.8	67
56	Enantioselective Metalâ€Free Hydrogenation Catalyzed by Chiral Frustrated Lewis Pairs. ChemCatChem, 2015, 7, 54-56.	3.7	66
57	One-Pot Highly Diastereoselective Synthesis of cis-Vinylaziridines via the Sulfur Ylide-Mediated Aziridination and Palladium(0)-Catalyzed Isomerization. Organic Letters, 2010, 12, 504-507.	4.6	65
58	Palladium-catalyzed asymmetric hydrogenation of 3-phthalimido substituted quinolines. Chemical Communications, 2014, 50, 9588-9590.	4.1	65
59	Efficient catalytic asymmetric synthesis of Î±-substituted phenyloxyacetyloxy and aroyloxy phosphonates. Tetrahedron, 2006, 62, 11207-11217.	1.9	64
60	4,5-Dihydropyrrolo[1,2-a]quinoxalines: A Tunable and Regenerable Biomimetic Hydrogen Source. Organic Letters, 2014, 16, 1406-1409.	4.6	63
61	Synthesis of Chiral Fluorinated Propargylamines via Chemoselective Biomimetic Hydrogenation. Organic Letters, 2016, 18, 4650-4653.	4.6	62
62	Synthesis and enantioselective hydrogenation of seven-membered cyclic imines: substituted dibenzo[b,f][1,4]oxazepines. Chemical Communications, 2011, 47, 7845.	4.1	61
63	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
64	Enantioselective Synthesis of Î±-Amino Phosphonates via Pd-Catalyzed Asymmetric Hydrogenation. Organic Letters, 2016, 18, 692-695.	4.6	59
65	Asymmetric Hydrogenation of Isoquinolines and Pyridines Using Hydrogen Halide Generated in Situ as Activator. Organic Letters, 2017, 19, 4988-4991.	4.6	59
66	Synthesis of Chiral Trifluoromethyl-Substituted Hydrazines via Pd-Catalyzed Asymmetric Hydrogenation and Reductive Amination. ACS Catalysis, 2015, 5, 6086-6089.	11.2	55
67	Asymmetric Hydrogenation of Heteroarenes with Multiple Heteroatoms. Synthesis, 2016, 48, 1769-1781.	2.3	55
68	Facile Preparation of Î²-Fluoro Amines by the Reaction of Aziridines with Potassium Fluoride Dihydrate in the Presence of Bu4NHSO4. Journal of Organic Chemistry, 2004, 69, 335-338.	3.2	53
69	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
70	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
71	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
72	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

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73	Tandem Ring-Opening/Closing Reactions of N-Ts Aziridines and Aryl Propargyl Alcohols Promoted by t-BuOK. Organic Letters, 2009, 11, 1119-1122.	4.6	51
74	Iridiumâ€Catalyzed Asymmetric Hydrogenation of 3â€Substituted 2Hâ€1,4â€Benzoxazines. Advanced Synthesis and Catalysis, 2012, 354, 483-488.	4.3	51
75	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
76	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
77	Inhibiting deactivation of iridium catalysts with bulky substituents on coordination atoms. Tetrahedron Letters, 2010, 51, 525-528.	1.4	49
78	Bifunctional AgOAc-catalyzed asymmetric reactions. Chemical Communications, 2010, 46, 4043.	4.1	48
79	Enantioselective Pd-catalyzed hydrogenation of enesulfonamides. Chemical Communications, 2011, 47, 5052.	4.1	47
80	Palladiumâ€Catalyzed Asymmetric Hydrogenation of Simple Ketimines Using a BrÃ¸nsted Acid as Activator. Advanced Synthesis and Catalysis, 2011, 353, 84-88.	4.3	45
81	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
82	Synthesis of chiral Î³-aminophosphonates through the organocatalytic hydrophosphonylation of azadienes with phosphites. Organic Chemistry Frontiers, 2018, 5, 1148-1151.	4.5	45
83	Synthesis of chiral sultams via palladium-catalyzed intramolecular asymmetric reductive amination. Chemical Communications, 2017, 53, 1704-1707.	4.1	44
84	Iridium-Catalyzed Asymmetric Hydrogenation of Pyrrolo[1,2-a]pyrazinium Salts. Organic Letters, 2014, 16, 3324-3327.	4.6	43
85	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
86	Enantioselective Pd-catalyzed hydrogenation of tetrasubstituted olefins of cyclic Î²-(arylsulfonamido)acrylates. Tetrahedron Letters, 2012, 53, 2560-2563.	1.4	42
87	Synthesis of Chiral Piperazines via Hydrogenation of Pyrazines Activated by Alkyl Halides. Organic Letters, 2016, 18, 3082-3085.	4.6	42
88	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
89	The Concise Synthesis of Spiro-Cyclopropane Compounds via the Dearomatization of Indole Derivatives. Organic Letters, 2014, 16, 2578-2581.	4.6	41
90	Pd-catalyzed asymmetric hydrogenation of fluorinated aromatic pyrazol-5-ols via capture of active tautomers. Chemical Science, 2015, 6, 3415-3419.	7.4	41

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91	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
92	Asymmetric tandem Michael additionâ€“ylide olefination reaction for the synthesis of optically active cyclohexa-1,3-diene derivatives. Chemical Communications, 2009, , 3092.	4.1	39
93	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
94	An efficient catalytic system for the hydrogenation of quinolines. Journal of Organometallic Chemistry, 2007, 692, 3065-3069.	1.8	37
95	Iridium Catalyzed Asymmetric Hydrogenation of Cyclic Imines of Benzodiazepinones and Benzodiazepines. Organic Letters, 2012, 14, 3890-3893.	4.6	37
96	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
97	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
98	Synthesis of Chiral Fluorinated Hydrazines via Pd-Catalyzed Asymmetric Hydrogenation. Organic Letters, 2016, 18, 2676-2679.	4.6	36
99	Asymmetric synthesis of (2R,3Sâ€Š)-2,3-epoxyamides via camphor-derived sulfonium ylides. Journal of the Chemical Society Perkin Transactions 1, 1999, , 77-80.	0.9	35
100	Synthesis of tunable phosphiniteâ€“pyridine ligands and their applications in asymmetric hydrogenation. Tetrahedron Letters, 2006, 47, 4733-4736.	1.4	35
101	Synthesis of Chiral Exocyclic Amines by Asymmetric Hydrogenation of Aromatic Quinolinâ€3â€amines. Chemistry - A European Journal, 2014, 20, 7245-7248.	3.3	35
102	Ruthenium-Catalyzed Hydrogenation of Carbocyclic Aromatic Amines: Access to Chiral Exocyclic Amines. Organic Letters, 2018, 20, 1094-1097.	4.6	35
103	Palladium-catalyzed asymmetric hydrogenation of simple ketones activated by BrÃ¸nsted acids. Tetrahedron Letters, 2011, 52, 2826-2829.	1.4	34
104	Catalytic Asymmetric Conjugate Addition of Tritylthiol to Azadienes with a Bifunctional Organocatalyst. Asian Journal of Organic Chemistry, 2018, 7, 1561-1564.	2.7	34
105	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
106	Synthesis of novel BINOL-derived chiral bisphosphorus ligands and their application in catalytic asymmetric hydrogenation. Chemical Communications, 2002, , 1124-1125.	4.1	33
107	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
108	Formal Palladium-Catalyzed Asymmetric Hydrogenolysis of Racemic N-Sulfonyloxaziridines. Organic Letters, 2015, 17, 190-193.	4.6	32

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109	Highly enantioselective Ir-catalyzed hydrogenation of exocyclic enamines. Tetrahedron: Asymmetry, 2009, 20, 1040-1045.	1.8	31
110	Rhodiumâ€Catalyzed Addition of Boronic Acids to Vinylogous Imines Generated in situ from Sulfonylindoles. Advanced Synthesis and Catalysis, 2011, 353, 3352-3356.	4.3	30
111	An efficient route to 2,3-disubstituted indoles via reductive alkylation using H2 as reductant. Tetrahedron Letters, 2011, 52, 2837-2839.	1.4	30
112	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
113	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
114	The aziridination of N-tosylimines with amide-stabilized sulfonium ylides: A simple and efficient preparation of aziridinyl carboxamides. Tetrahedron Letters, 1997, 38, 7225-7228.	1.4	29
115	Iridium-Catalyzed Selective Hydrogenation of 3-Hydroxypyridinium Salts: A Facile Synthesis of Piperidin-3-ones. Organic Letters, 2015, 17, 1640-1643.	4.6	29
116	Iridium-Catalyzed Asymmetric Hydrogenation of Heteroaromatics Bearing a Hydroxyl Group, 3-Hydroxypyridinium Salts. ACS Catalysis, 2016, 6, 2368-2371.	11.2	29
117	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
118	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
119	Iridium-Catalyzed Asymmetric Hydrogenation of 4,6-Disubstituted 2-Hydroxypyrimidines. Organic Letters, 2018, 20, 6415-6419.	4.6	28
120	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
121	Synthesis of chiral cyclohexane-backbone P,N-ligands derived from pyridine and their applications in asymmetric catalysis. Tetrahedron Letters, 2007, 48, 2101-2104.	1.4	27
122	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
123	Photoinduced, Copper-Catalyzed Three-Component Annulation of gem-Dialkylthio Enynes. Organic Letters, 2020, 22, 5202-5206.	4.6	26
124	Iridium-catalyzed asymmetric hydrogenation of cyclic iminium salts. Organic Chemistry Frontiers, 2017, 4, 1125-1129.	4.5	24
125	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
126	Facile synthesis of chiral indolines through asymmetric hydrogenation of in situ generated indoles. Organic Chemistry Frontiers, 2018, 5, 2805-2809.	4.5	24

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127	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
128	Stereocontrolled synthesis of either trans- or cis-trimethylsilylvinyloxiranes via sulfonium ylides. Chemical Communications, 1996, , 1353.	4.1	23
129	A simple and highly effective method for hydrogenation of arenes by [Rh(COD)Cl]2. Tetrahedron Letters, 2009, 50, 1282-1285.	1.4	23
130	Iridium-catalyzed asymmetric hydrogenation of dibenzo[b,f][1,4]thiazepines. Pure and Applied Chemistry, 2013, 85, 843-849.	1.9	23
131	Synthesis of chiral seven-membered cyclic sulfonamides through palladium-catalyzed arylation of cyclic imines. Organic Chemistry Frontiers, 2019, 6, 1572-1576.	4.5	23
132	Palladium-catalyzed asymmetric hydrogenation of fluorinated quinazolinones. Tetrahedron Letters, 2013, 54, 6161-6163.	1.4	22
133	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
134	Biomimetic asymmetric reduction of benzoxazinones and quinoxalinones using ureas as transfer catalysts. Chemical Communications, 2020, 56, 7309-7312.	4.1	22
135	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
136	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
137	Facile synthesis of chiral Îµ-sultams via an organocatalytic aza-Friedelâ€“Crafts reaction. Organic and Biomolecular Chemistry, 2019, 17, 6364-6368.	2.8	21
138	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
139	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
140	Enantioselective Hydrogenation of Pyrrolo[1,2â€a]pyrazines, Heteroaromatics Containing Two Nitrogen Atoms. Advanced Synthesis and Catalysis, 2017, 359, 2762-2767.	4.3	19
141	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
142	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
143	Palladiumâ€Catalyzed Asymmetric Hydrogenolysis of Nâ€Sulfonyl Aminoalcohols via Achiral Enesulfonamide Intermediates. Angewandte Chemie - International Edition, 2013, 52, 13365-13368.	13.8	18
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