

Shu-Li You

List of Publications by Year in descending order

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papers

29,142
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#	ARTICLE	IF	CITATIONS
1	Catalytic Asymmetric Dearomatization Reactions. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12662-12686.	13.8	1,085
2	Chiral Brønsted acid catalyzed Friedel-Crafts alkylation reactions. <i>Chemical Society Reviews</i> , 2009, 38, 2190.	38.1	709
3	Transition-Metal-Catalyzed Asymmetric Allylic Dearomatization Reactions. <i>Accounts of Chemical Research</i> , 2014, 47, 2558-2573.	15.6	699
4	Catalytic asymmetric dearomatization (CADA) reactions of phenol and aniline derivatives. <i>Chemical Society Reviews</i> , 2016, 45, 1570-1580.	38.1	621
5	Iridium-Catalyzed Asymmetric Allylic Substitution Reactions. <i>Chemical Reviews</i> , 2019, 119, 1855-1969.	47.7	547
6	Asymmetric Catalysis with Chiral Ferrocene Ligands. <i>Accounts of Chemical Research</i> , 2003, 36, 659-667.	15.6	538
7	Recent development of direct asymmetric functionalization of inert C-H bonds. <i>RSC Advances</i> , 2014, 4, 6173.	3.6	532
8	Transfer hydrogenation with Hantzsch esters and related organic hydride donors. <i>Chemical Society Reviews</i> , 2012, 41, 2498.	38.1	521
9	Catalytic Asymmetric Dearomatization by Transition-Metal Catalysis: A Method for Transformations of Aromatic Compounds. <i>Chem</i> , 2016, 1, 830-857.	11.7	446
10	Highly Enantioselective Friedel-Crafts Reaction of Indoles with Imines by a Chiral Phosphoric Acid. <i>Journal of the American Chemical Society</i> , 2007, 129, 1484-1485.	13.7	402
11	Enantioselective Construction of Spiroindolenines by Ir-Catalyzed Allylic Alkylation Reactions. <i>Journal of the American Chemical Society</i> , 2010, 132, 11418-11419.	13.7	340
12	Synthesis and Application of Chiral Spiro Cp Ligands in Rhodium-Catalyzed Asymmetric Oxidative Coupling of Biaryl Compounds with Alkenes. <i>Journal of the American Chemical Society</i> , 2016, 138, 5242-5245.	13.7	339
13	Highly Regio- and Enantioselective Pd-Catalyzed Allylic Alkylation and Amination of Monosubstituted Allylic Acetates with Novel FerroceneP,N-Ligands. <i>Journal of the American Chemical Society</i> , 2001, 123, 7471-7472.	13.7	302
14	Construction of Axial Chirality by Rhodium-Catalyzed Asymmetric Dehydrogenative Heck Coupling of Biaryl Compounds with Alkenes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13244-13247.	13.8	297
15	Recent Developments in Asymmetric Transfer Hydrogenation with Hantzsch Esters: A Biomimetic Approach. <i>Chemistry - an Asian Journal</i> , 2007, 2, 820-827.	3.3	295
16	Asymmetric Dearomatization of Naphthols via a Rh-Catalyzed C(sp ²)-H Functionalization/Annulation Reaction. <i>Journal of the American Chemical Society</i> , 2015, 137, 4880-4883.	13.7	293
17	Iridium-Catalyzed Intramolecular Asymmetric Allylic Dearomatization of Phenols. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 4455-4458.	13.8	267
18	Catalytic asymmetric dearomatization (CADA) reaction-enabled total synthesis of indole-based natural products. <i>Natural Product Reports</i> , 2019, 36, 1589-1605.	10.3	255

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19	Synthesis of Planar Chiral Ferrocenes via Transition-Metal-Catalyzed Direct C-H Bond Functionalization. <i>Accounts of Chemical Research</i> , 2017, 50, 351-365.	15.6	254
20	Enantioselective Synthesis of Planar Chiral Ferrocenes via Palladium-Catalyzed Direct Coupling with Arylboronic Acids. <i>Journal of the American Chemical Society</i> , 2013, 135, 86-89.	13.7	249
21	Chiral phosphoric acid-catalyzed asymmetric dearomatization reactions. <i>Chemical Society Reviews</i> , 2020, 49, 286-300.	38.1	247
22	Enantioselective Synthesis of Spiro Cyclopentane-1,3-dioxindoles and 2,3,4,9-tetrahydro-1 <i>H</i> -carbazoles by Iridium-Catalyzed Allylic Dearomatization and Stereospecific Migration. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1680-1683.	13.8	245
23	Desymmetrization of Cyclohexadienones via Brønsted Acid-Catalyzed Enantioselective Oxo-Michael Reaction. <i>Journal of the American Chemical Society</i> , 2010, 132, 4056-4057.	13.7	244
24	Enantioselective <i>N</i> -Heterocyclic Carbene-Catalyzed Michael Addition to α,β -Unsaturated Aldehydes by Redox Oxidation. <i>Organic Letters</i> , 2011, 13, 4080-4083.	4.6	225
25	Synthesis of Atropisomers by Transition-Metal-Catalyzed Asymmetric C-H Functionalization Reactions. <i>Journal of the American Chemical Society</i> , 2021, 143, 14025-14040.	13.7	214
26	Pd(II)-Catalyzed Intermolecular Direct C-H Bond Iodination: An Efficient Approach toward the Synthesis of Axially Chiral Compounds via Kinetic Resolution. <i>ACS Catalysis</i> , 2014, 4, 2741-2745.	11.2	205
27	Advances in Catalytic Asymmetric Dearomatization. <i>ACS Central Science</i> , 2021, 7, 432-444.	11.3	203
28	Iridium-Catalyzed Asymmetric Allylic Substitutions. <i>Topics in Organometallic Chemistry</i> , 2011, , 155-207.	0.7	197
29	Enantioselective Synthesis of Planar Chiral Ferrocenes via Pd(0)-Catalyzed Intramolecular Direct C-H Bond Arylation. <i>Journal of the American Chemical Society</i> , 2014, 136, 4841-4844.	13.7	193
30	Carbon-Carbon Bond Formation through Double sp^2 C-H Activations: Synthesis of Ferrocenyl Oxazoline Derivatives. <i>Organometallics</i> , 2007, 26, 4869-4871.	2.3	185
31	Iridium-Catalyzed Allylic Alkylation Reaction with <i>N</i> -Aryl Phosphoramidite Ligands: Scope and Mechanistic Studies. <i>Journal of the American Chemical Society</i> , 2012, 134, 4812-4821.	13.7	182
32	Enantioselective Palladium-Catalyzed Decarboxylative Allylic Alkylations. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 5246-5248.	13.8	178
33	Iridium-Catalyzed Allylic Vinylation and Asymmetric Allylic Amination Reactions with <i>o</i> -Aminostyrenes. <i>Journal of the American Chemical Society</i> , 2011, 133, 19006-19014.	13.7	178
34	Synthesis of Cyclobutane-Fused Angular Tetracyclic Spiroindolines via Visible-Light-Promoted Intramolecular Dearomatization of Indole Derivatives. <i>Journal of the American Chemical Society</i> , 2019, 141, 2636-2644.	13.7	177
35	Asymmetric Construction of Polycyclic Indoles through Olefin Cross-Metathesis/Intramolecular Friedel-Crafts Alkylation under Sequential Catalysis. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 7428-7431.	13.8	172
36	Stereodivergent Synthesis of Tetrahydrofuroindoles through Pd-Catalyzed Asymmetric Dearomative Formal [3+2] Cycloaddition. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2134-2138.	13.8	172

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37	Enantioselective Intramolecular Aza-Michael Additions of Indoles Catalyzed by Chiral Phosphoric Acids. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 8666-8669.	13.8	167
38	Enantioselective Synthesis of Unsymmetrical Triarylmethanes by Chiral Brønsted Acids. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 47-50.	2.4	165
39	Desymmetrization of cyclohexadienones via cinchonine derived thiourea-catalyzed enantioselective aza-Michael reaction and total synthesis of (-)-Mesembrine. <i>Chemical Science</i> , 2011, 2, 1519.	7.4	165
40	Palladium(0)-Catalyzed Dearomative Arylation of Indoles: Convenient Access to Spiroindolenine Derivatives. <i>Organic Letters</i> , 2012, 14, 3772-3775.	4.6	163
41	Asymmetric Synthesis of Spiropyrazolones by Rhodium-Catalyzed C(sp ²)-H Functionalization/Annulation Reactions. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4540-4544.	13.8	161
42	Highly Efficient Ligands for Palladium-Catalyzed Asymmetric Alkylation of Ketone Enolates. <i>Organic Letters</i> , 2001, 3, 149-151.	4.6	158
43	Highly Enantioselective Friedel-Crafts Reaction of 4,7-Dihydroindoles with Imines by Chiral Phosphoric Acids: Facile Access to 2-Indolyl Methanamine Derivatives. <i>Chemistry - A European Journal</i> , 2008, 14, 3539-3542.	3.3	158
44	Rhodium-Catalyzed Atroposelective C-H Arylation: Efficient Synthesis of Axially Chiral Heterobiaryls. <i>Journal of the American Chemical Society</i> , 2019, 141, 9504-9510.	13.7	156
45	Enantioselective Synthesis of Fluorene Derivatives by Chiral Phosphoric Acid Catalyzed Tandem Double Friedel-Crafts Reaction. <i>Chemistry - A European Journal</i> , 2009, 15, 8709-8712.	3.3	155
46	Palladium-Catalyzed Intermolecular Asymmetric Allylic Dearomatization Reaction of Naphthol Derivatives. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10056-10059.	13.8	152
47	Palladium-Catalyzed Highly Stereoselective Dearomative [3 + 2] Cycloaddition of Nitrobenzofurans. <i>Chem</i> , 2017, 3, 428-436.	11.7	152
48	An Enantioselective Oxidative C-H/C-H Cross-Coupling Reaction: Highly Efficient Method To Prepare Planar Chiral Ferrocenes. <i>Journal of the American Chemical Society</i> , 2016, 138, 2544-2547.	13.7	149
49	Enantioselective Functionalization of Indoles and Pyrroles via an in Situ-Formed Spiro Intermediate. <i>Journal of the American Chemical Society</i> , 2013, 135, 8169-8172.	13.7	147
50	Construction of Erythrinane Skeleton via Pd(0)-Catalyzed Intramolecular Dearomatization of <i>para</i> -Aminophenols. <i>Journal of the American Chemical Society</i> , 2014, 136, 15469-15472.	13.7	146
51	Copper-Catalyzed Intermolecular Asymmetric Propargylic Dearomatization of Indoles. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7684-7687.	13.8	143
52	Ir-Catalyzed Regio- and Enantioselective Friedel-Crafts-Type Allylic Alkylation of Indoles. <i>Organic Letters</i> , 2008, 10, 1815-1818.	4.6	142
53	Enantioselective Michael/Mannich Polycyclization Cascade of Indolyl Enones Catalyzed by Quinine-Derived Primary Amines. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8665-8669.	13.8	142
54	Diversity oriented synthesis of indole-based peri-annulated compounds via allylic alkylation reactions. <i>Chemical Science</i> , 2013, 4, 97-102.	7.4	137

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55	Enantioselective Synthesis of Indole-Annulated Medium-Sized Rings. <i>Journal of the American Chemical Society</i> , 2016, 138, 5793-5796.	13.7	136
56	Highly Enantioselective Transfer Hydrogenation of β -Amino Esters by a Phosphoric Acid. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 1657-1660.	4.3	135
57	Dearomatization through Halofunctionalization Reactions. <i>Chemistry - A European Journal</i> , 2016, 22, 11918-11933.	3.3	135
58	Iridium-Catalyzed Intramolecular Asymmetric Allylic Dearomatization Reaction of Pyridines, Pyrazines, Quinolines, and Isoquinolines. <i>Journal of the American Chemical Society</i> , 2015, 137, 15899-15906.	13.7	129
59	Rhodium-Catalyzed Atroposelective Oxidative C-H/C-H Cross-Coupling Reaction of 1-Aryl Isoquinoline Derivatives with Electron-Rich Heteroarenes. <i>Journal of the American Chemical Society</i> , 2020, 142, 15678-15685.	13.7	126
60	Asymmetric Friedel-Crafts Reaction of 4,7-Dihydroindoles with Nitroolefins by Chiral Brønsted Acids under Low Catalyst Loading. <i>Chemistry - A European Journal</i> , 2009, 15, 3351-3354.	3.3	125
61	Divergent Synthesis of Tunable Cyclopentadienyl Ligands and Their Application in Rh-Catalyzed Enantioselective Synthesis of Isoindolinone. <i>Journal of the American Chemical Society</i> , 2020, 142, 7379-7385.	13.7	125
62	Iridium-catalyzed <i>retentive</i> asymmetric allylic substitution reactions. <i>Science</i> , 2021, 371, 380-386.	12.6	125
63	Ir-catalyzed intermolecular asymmetric allylic dearomatization reaction of indoles. <i>Chemical Science</i> , 2014, 5, 1059.	7.4	124
64	Chemo-, Diastereo-, and Enantioselective Iridium-Catalyzed Allylic Intramolecular Dearomatization Reaction of Naphthol Derivatives. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3496-3499.	13.8	123
65	Visible-light induced dearomatization reactions. <i>Chemical Society Reviews</i> , 2022, 51, 2145-2170.	38.1	122
66	Construction of spirocarbocycles via gold-catalyzed intramolecular dearomatization of naphthols. <i>Chemical Science</i> , 2016, 7, 3427-3431.	7.4	120
67	Role of Planar Chirality of S,N- and P,N-Ferrocene Ligands in Palladium-Catalyzed Allylic Substitutions. <i>Journal of Organic Chemistry</i> , 2002, 67, 4684-4695.	3.2	119
68	Chiral phosphoric acid-catalysed Friedel-Crafts alkylation reaction of indoles with racemic spiro indolin-3-ones. <i>Chemical Science</i> , 2011, 2, 1344.	7.4	118
69	Highly Enantioselective Friedel-Crafts Reaction of 4,7-Dihydroindoles with β -Unsaturated α -Keto Esters by Chiral Brønsted Acids. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 2169-2173.	4.3	117
70	Ring-Closing Metathesis/Isomerization/Pictet-Spengler Cascade <i>via</i> Ruthenium/Chiral Phosphoric Acid Sequential Catalysis. <i>Organic Letters</i> , 2012, 14, 5022-5025.	4.6	117
71	Importance of Planar Chirality in Chiral Catalysts with Three Chiral Elements: The Role of Planar Chirality in β -Substituted 1,1'-P,N-Ferrocene Ligands on the Enantioselectivity in Pd-Catalyzed Allylic Substitution. <i>Journal of the American Chemical Society</i> , 2001, 123, 6508-6519.	13.7	115
72	Ligand-enabled Ir-catalyzed intermolecular diastereoselective and enantioselective allylic alkylation of 3-substituted indoles. <i>Chemical Science</i> , 2015, 6, 4525-4529.	7.4	112

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73	Stereoselective Synthesis of β -Butyrolactones via Organocatalytic Annulations of Enals and Keto Esters. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 1885-1890.	4.3	109
74	Asymmetric N-Alkylation of Indoles Through the Iridium-Catalyzed Allylic Alkylation/Oxidation of Indolines. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5183-5187.	13.8	109
75	Cu ^{II} /TEMPO-Catalyzed Enantioselective C(sp ³) ^H Alkynylation of Tertiary Cyclic Amines through Shono-Type Oxidation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15254-15259.	13.8	109
76	Ir-Catalyzed Regio- and Enantioselective Decarboxylative Allylic Alkylations. <i>Organic Letters</i> , 2007, 9, 4339-4341.	4.6	108
77	Novel bis-N-[2-(diphenylphosphino)ferrocenylcarbonyl]diaminocyclohexane ligands: application in asymmetric allylic alkylation of imino esters with simple allyl carbonate. <i>Chemical Communications</i> , 2000, , 1933-1934.	4.1	107
78	Organocatalyzed Enantioselective Formal [4 + 2] Cycloaddition of 2,3-Disubstituted Indole and Methyl Vinyl Ketone. <i>Organic Letters</i> , 2012, 14, 3040-3043.	4.6	107
79	Chiral Brønsted Acid-Catalyzed Asymmetric Friedel-Crafts Alkylation of Pyrroles with Nitroolefins. <i>Journal of Organic Chemistry</i> , 2009, 74, 6899-6901.	3.2	105
80	Asymmetric dearomatization of pyrroles via Ir-catalyzed allylic substitution reaction: enantioselective synthesis of spiro-2H-pyrroles. <i>Chemical Science</i> , 2012, 3, 205-208.	7.4	105
81	Exploring the Chemistry of Spiroindolenines by Mechanistically-Driven Reaction Development: Asymmetric Pictet-Spengler-type Reactions and Beyond. <i>Accounts of Chemical Research</i> , 2020, 53, 974-987.	15.6	105
82	Organocatalytic asymmetric chlorinative dearomatization of naphthols. <i>Chemical Science</i> , 2015, 6, 4179-4183.	7.4	104
83	Multicomponent reactions and photo/electrochemistry join forces: atom economy meets energy efficiency. <i>Chemical Society Reviews</i> , 2022, 51, 2313-2382.	38.1	103
84	Enantioselective Synthesis of β -Amino-Pyrroloindolines by Copper-Catalyzed Direct Asymmetric Dearomative Amination of Tryptamines. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 751-754.	13.8	102
85	Enantioselective Synthesis of 2,3-Dihydro-1H-benzazepines: Iridium-Catalyzed Tandem Allylic Vinylation/Amination Reaction. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 1496-1499.	13.8	101
86	Sequential and direct multicomponent reaction (MCR)-based dearomatization strategies. <i>Chemical Society Reviews</i> , 2020, 49, 8721-8748.	38.1	101
87	Asymmetric Dearomatization of β -Naphthols through an Amination Reaction Catalyzed by a Chiral Phosphoric Acid. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 647-650.	13.8	100
88	Direct Asymmetric Dearomatization of Pyridines and Pyrazines by Iridium-Catalyzed Allylic Amination Reactions. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6986-6989.	13.8	99
89	Enantioselective Dearomative [3+2] Cycloaddition Reactions of Benzothiazoles. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14111-14115.	13.8	99
90	Iridium-Catalyzed Asymmetric Allylic Dearomatization by a Desymmetrization Strategy. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15093-15097.	13.8	99

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91	Copper(I)-Catalyzed Cascade Dearomatization of 2-Substituted Tryptophols with Arylidonium Salts. <i>Organic Letters</i> , 2012, 14, 4525-4527.	4.6	98
92	Asymmetric Dearomatization of β -Naphthols through a Bifunctional Thiourea-Catalyzed Michael Reaction. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14929-14932.	13.8	98
93	Asymmetric Dearomatization of Indole Derivatives with N -Hydroxycarbamates Enabled by Photoredox Catalysis. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18069-18074.	13.8	95
94	Hydrogenative Dearomatization of Pyridine and an Asymmetric Aza-Friedel-Crafts Alkylation Sequence. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2194-2197.	13.8	94
95	Enantioselective dearomative prenylation of indole derivatives. <i>Nature Catalysis</i> , 2018, 1, 601-608.	34.4	94
96	d-Camphor-derived triazolium salts for catalytic intramolecular crossed aldehyde-ketone benzoin reactions. <i>Chemical Communications</i> , 2008, , 2263.	4.1	93
97	Ir-Catalyzed Cross-Coupling of Styrene Derivatives with Allylic Carbonates: Free Amine Assisted Vinyl C-H Bond Activation. <i>Journal of the American Chemical Society</i> , 2009, 131, 8346-8347.	13.7	93
98	Iridium-Catalyzed Intermolecular Asymmetric Dearomatization of β -Naphthols with Allyl Alcohols or Allyl Ethers. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3237-3241.	13.8	92
99	Asymmetric C-H Bond Functionalization of Ferrocenes: New Opportunities and Challenges. <i>Trends in Chemistry</i> , 2020, 2, 737-749.	8.5	91
100	Enantioselective Construction of Spiroindolines with Three Contiguous Stereogenic Centers and Chiral Tryptamine Derivatives via Reactive Spiroindolenine Intermediates. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14146-14149.	13.8	90
101	Enantioselective Synthesis of Pyrrole-Based Spiro- and Polycyclic Derivatives by Iridium-Catalyzed Asymmetric Allylic Dearomatization and Controllable Migration Reactions. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8475-8479.	13.8	90
102	Enantioselective Construction of Pyrroloindolines via Chiral Phosphoric Acid Catalyzed Cascade Michael Addition-Cyclization of Tryptamines. <i>Organic Letters</i> , 2012, 14, 4588-4590.	4.6	89
103	Enantioselective Chlorocyclization of Indole Derived Benzamides for the Synthesis of Spiro-indolines. <i>Organic Letters</i> , 2013, 15, 4266-4269.	4.6	88
104	Highly Regio- and Enantioselective Synthesis of N -Substituted 2-Pyridones: Iridium-Catalyzed Intermolecular Asymmetric Allylic Amination. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1873-1876.	13.8	88
105	Enantioselective synthesis of (3-indolyl)glycine derivatives via asymmetric Friedel-Crafts reaction between indoles and glyoxylate imines. <i>Tetrahedron</i> , 2009, 65, 1603-1607.	1.9	84
106	Dearomatization of tryptophols via a vanadium-catalyzed asymmetric epoxidation and ring-opening cascade. <i>Chemical Communications</i> , 2014, 50, 1231-1233.	4.1	84
107	Construction of Chiral Tetrahydro- β -Carbolines: Asymmetric Pictet-Spengler Reaction of Indolyl Dihydropyridines. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7440-7443.	13.8	84
108	Sequence-Dependent Stereodivergent Allylic Alkylation/Fluorination of Acyclic Ketones. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2039-2043.	13.8	84

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109	Recent Progress on Gold-catalyzed Dearomatization Reactions. <i>Acta Chimica Sinica</i> , 2017, 75, 419.	1.4	84
110	Pd-Catalyzed Dearomatization of Anthranils with Vinylcyclopropanes by [4+3] Cyclization Reaction. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5739-5743.	13.8	83
111	Enantioselective Carbonyl Catalysis Enabled by Chiral Aldehydes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6818-6825.	13.8	82
112	Oxygen-Linked Cyclopentadienyl Rhodium(III) Complexes-Catalyzed Asymmetric C-H Arylation of Benzoquinolines with Diazonaphthoquinones. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15510-15516.	13.8	82
113	Enantioselective Iridium-Catalyzed Allylic Substitution with 2-Methylpyridines. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4002-4005.	13.8	81
114	Enantioselective Synthesis of Azoniahelicenes by Rh-Catalyzed C-H Annulation with Alkynes. <i>Journal of the American Chemical Society</i> , 2021, 143, 114-120.	13.7	81
115	Highly efficient synthesis and stereoselective migration reactions of chiral five-membered aza-spiroindolenines: scope and mechanistic understanding. <i>Chemical Science</i> , 2016, 7, 4453-4459.	7.4	80
116	Iridium-catalyzed regio- and enantioselective allylic alkylation of fluorobis(phenylsulfonyl)methane. <i>Chemical Communications</i> , 2009, , 6604.	4.1	79
117	Enantioselective synthesis of planar chiral ferrocenes via palladium-catalyzed annulation with diarylethyne. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 1891-1896.	2.2	79
118	Highly Regio- and Enantioselective Synthesis of Polysubstituted 2-H-Pyrroles via Pd-Catalyzed Intermolecular Asymmetric Allylic Dearomatization of Pyrroles. <i>Journal of the American Chemical Society</i> , 2014, 136, 6590-6593.	13.7	78
119	Highly Diastereo- and Enantioselective Synthesis of Tetrahydroindolo[2,3-b]quinolines through Copper-Catalyzed Propargylic Dearomatization of Indoles. <i>Chemistry - A European Journal</i> , 2017, 23, 12489-12493.	3.3	77
120	Visible-Light-Promoted Cascade Alkene Trifluoromethylation and Dearomatization of Indole Derivatives via Intermolecular Charge Transfer. <i>Organic Letters</i> , 2018, 20, 4379-4383.	4.6	76
121	Asymmetric Chlorocyclization of Indole-3-yl-benzamides for the Construction of Fused Indolines. <i>Organic Letters</i> , 2014, 16, 2426-2429.	4.6	75
122	Ru-catalyzed intermolecular dearomatization reaction of indoles with allylic alcohols. <i>Chemical Science</i> , 2013, 4, 3239.	7.4	74
123	Pd(0)-Catalyzed Alkenylation and Allylic Dearomatization Reactions between Nucleophile-Bearing Indoles and Propargyl Carbonate. <i>Organic Letters</i> , 2014, 16, 3919-3921.	4.6	74
124	A Combined Theoretical and Experimental Investigation into the Highly Stereoselective Migration of Spiroindolenines. <i>Journal of Organic Chemistry</i> , 2013, 78, 4357-4365.	3.2	71
125	Ruthenium-Catalyzed Intramolecular Allylic Dearomatization Reaction of Indole Derivatives. <i>Organic Letters</i> , 2013, 15, 3746-3749.	4.6	69
126	Asymmetric Friedel-Crafts Alkylation of Indoles: The Control of Enantio- and Regioselectivity. <i>Synlett</i> , 2010, 2010, 1289-1301.	1.8	67

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127	Enantioselective Synthesis of Chiral-at-Cage <i>cis</i> -Carboranes via Pd-Catalyzed Asymmetric C-H Substitution. <i>Journal of the American Chemical Society</i> , 2018, 140, 4508-4511.	13.7	67
128	Time-dependent enantiodivergent synthesis via sequential kinetic resolution. <i>Nature Chemistry</i> , 2020, 12, 838-844.	13.6	67
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#	ARTICLE	IF	CITATIONS
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254	Pd-catalyzed asymmetric oxidative C-H/C-H cross-coupling reaction between dialkylaminomethylferrocenes and indolizines. <i>Chem Catalysis</i> , 2022, 2, 102-113.	6.1	19
255	Enantioselective Dearomative Mizoroki-Heck Reaction of Naphthalenes. <i>ACS Catalysis</i> , 2022, 12, 655-661.	11.2	19
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265	Hyper-Crosslinked Porous Chiral Phosphoric Acids: Robust Solid Organocatalysts for Asymmetric Dearomatization Reactions. <i>ACS Catalysis</i> , 2022, 12, 4545-4553.	11.2	17
266	Synthesis of 2-Methylindoline- and 2-Methyl-1,2,3,4-tetrahydroquinoline-Derived Phosphoramidites and Their Applications in Iridium-Catalyzed Allylic Alkylation of Indoles. <i>Synthesis</i> , 2009, 2009, 2076-2082.	2.3	16
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285	Iridium/N-Heterocyclic Carbene Complex-Catalyzed Intermolecular Allylic Alkylation Reaction. <i>Organometallics</i> , 2018, 37, 4763-4772.	2.3	11
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