

Wen-Hao Hu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Novel Multicomponent Reactions via Trapping of Protic Onium Ylides with Electrophiles. <i>Accounts of Chemical Research</i> , 2013, 46, 2427-2440.	15.6	552
2	Cooperative Catalysis with Chiral Brønsted Acid-Rh ₂ (OAc) ₄ : Highly Enantioselective Three-Component Reactions of Diazo Compounds with Alcohols and Imines. <i>Journal of the American Chemical Society</i> , 2008, 130, 7782-7783.	13.7	349
3	Highly enantioselective trapping of zwitterionic intermediates by imines. <i>Nature Chemistry</i> , 2012, 4, 733-738.	13.6	274
4	Diastereoselectively Switchable Enantioselective Trapping of Carbamate Ammonium Ylides with Imines. <i>Journal of the American Chemical Society</i> , 2011, 133, 8428-8431.	13.7	215
5	Novel Spiro Phosphinite Ligands and Their Application in Homogeneous Catalytic Hydrogenation Reactions. <i>Journal of the American Chemical Society</i> , 1997, 119, 9570-9571.	13.7	205
6	Epoxides and Aziridines from Diazoacetates via Ylide Intermediates. <i>Organic Letters</i> , 2001, 3, 933-935.	4.6	162
7	Highly Effective Soluble Polymer-Supported Catalysts for Asymmetric Hydrogenation. <i>Journal of the American Chemical Society</i> , 1999, 121, 7407-7408.	13.7	156
8	Enantioselective Palladium(II) Phosphate Catalyzed Three-Component Reactions of Pyrrole, Diazoesters, and Imines. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13356-13360.	13.8	152
9	Catalytic Asymmetric Functionalization of Aromatic C-H Bonds by Electrophilic Trapping of Metal-Carbene-Induced Zwitterionic Intermediates. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13098-13101.	13.8	146
10	Dirhodium(II) Tetrakis[methyl 2-oxazetidine-4-carboxylate]: A Chiral Dirhodium(II) Carboxamidate of Exceptional Reactivity and Selectivity. <i>Organic Letters</i> , 2000, 2, 1145-1147.	4.6	142
11	Cooperative Catalysis in Multicomponent Reactions: Highly Enantioselective Synthesis of β -Hydroxyketones with a Quaternary Carbon Stereocenter. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 2190-2192.	13.8	127
12	Highly Selective Catalyst-Directed Pathways to Dihydropyrroles from Vinyl diazoacetates and Imines. <i>Journal of the American Chemical Society</i> , 2003, 125, 4692-4693.	13.7	126
13	DNA binding ligands targeting drug-resistant Gram-positive bacteria. Part 1: Internal benzimidazole derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 1253-1257.	2.2	119
14	Asymmetric Multicomponent Reactions Based on Trapping of Active Intermediates. <i>Chemical Record</i> , 2017, 17, 739-753.	5.8	118
15	Asymmetric Counter-Anion-Directed Aminomethylation: Synthesis of Chiral β -Amino Acids via Trapping of an Enol Intermediate. <i>Journal of the American Chemical Society</i> , 2019, 141, 1473-1478.	13.7	116
16	Three-Component Reaction of Aryl Diazoacetates, Alcohols, and Aldehydes (or Imines): Evidence of Alcoholic Oxonium Ylide Intermediates. <i>Organic Letters</i> , 2005, 7, 83-86.	4.6	108
17	A New Class of Chiral Lewis Acid Catalysts for Highly Enantioselective Hetero-Diels-Alder Reactions: Exceptionally High Turnover Numbers from Dirhodium(II) Carboxamidates. <i>Journal of the American Chemical Society</i> , 2001, 123, 5366-5367.	13.7	104
18	Efficient Trapping of Oxonium Ylides with Imines: A Highly Diastereoselective Three-Component Reaction for the Synthesis of β -Amino- γ -hydroxyesters with Quaternary Stereocenters. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1337-1339.	13.8	104

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19	Design, Synthesis, and Structure–Activity Relationship Studies of Novel Fused Heterocycles-Linked Triazoles with Good Activity and Water Solubility. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 3687-3706.	6.4	100
20	A Novel Three-Component Reaction Catalyzed by Dirhodium(II) Acetate: % Decomposition of Phenyl diazoacetate with Arylamine and Imine for Highly Diastereoselective Synthesis of 1,2-Diamines. <i>Organic Letters</i> , 2003, 5, 3923-3926.	4.6	94
21	Selectivity control in enantioselective four-component reactions of aryl diazoacetates with alcohols, aldehydes and amines: an efficient approach to synthesizing chiral 1 ² -amino-1 \pm -hydroxyesters. <i>Chemical Communications</i> , 2008, , 6564.	4.1	93
22	An Ylide Transformation of Rhodium(I) Carbene: Enantioselective Three-Component Reaction through Trapping of Rhodium(I)-Associated Ammonium Ylides by 1 ² -Nitroacrylates. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13136-13139.	13.8	90
23	Bicyclic Pyrazolidinone Derivatives from Diastereoselective Catalytic [3 + 3]-Cycloaddition Reactions of Enoldiazoacetates with Azomethine Imines. <i>Organic Letters</i> , 2013, 15, 1564-1567.	4.6	88
24	Bond cleavage, fragment modification and reassembly in enantioselective three-component reactions. <i>Nature Communications</i> , 2015, 6, 5801.	12.8	86
25	Enantioselective Oxidative Cyclization/Mannich Addition Enabled by Gold(I)/Chiral Phosphoric Acid Cooperative Catalysis. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 17200-17204.	13.8	86
26	Targeting NEK2 attenuates glioblastoma growth and radioresistance by destabilizing histone methyltransferase EZH2. <i>Journal of Clinical Investigation</i> , 2017, 127, 3075-3089.	8.2	86
27	Catalytic Enantioselective Trapping of an Alcoholic Oxonium Ylide with Aldehydes: Rh ^{II} /Zr ^{IV} -Catalyzed Three-Component Reactions of Aryl Diazoacetates, Benzyl Alcohol, and Aldehydes. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 6647-6649.	13.8	83
28	A Strategy to Synthesize Taxol Side Chain and (1 ²)-Cytosine via Chiral Brønsted Acid-Rh ^{II} (OAc) ₄ Co-catalyzed Enantioselective Three-Component Reactions. <i>Journal of Organic Chemistry</i> , 2010, 75, 7483-7486.	3.2	82
29	Facile Synthesis of 3-Aryloxindoles via Brønsted Acid Catalyzed Friedel–Crafts Alkylation of Electron-Rich Arenes with 3-Diazoindoles. <i>Organic Letters</i> , 2014, 16, 2934-2937.	4.6	80
30	Protein Arginine Methyltransferase 5 (PRMT5) as an Anticancer Target and Its Inhibitor Discovery. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 9429-9441.	6.4	75
31	Salen-Ti(OR) ₄ complex catalysed trimethylsilylcyanation of aldehydes. <i>Tetrahedron</i> , 1997, 53, 14327-14338.	1.9	74
32	Highly Stereoselective Syntheses of Five- and Seven-Membered Ring Heterocycles from Ylides Generated by Catalytic Reactions of Styryldiazoacetates with Aldehydes and Imines. <i>Organic Letters</i> , 2001, 3, 3741-3744.	4.6	74
33	Trapping of Oxonium Ylide with Isatins: % Efficient and Stereoselective Construction of Adjacent Quaternary Carbon Centers. <i>Organic Letters</i> , 2007, 9, 4721-4723.	4.6	72
34	Diversity-Oriented Three-Component Reactions of Diazo Compounds with Anilines and 4-Oxo-Enoates. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9289-9292.	13.8	71
35	Rhodium(II)- and Copper(II)-Catalyzed Reactions of Enol Diazoacetates with Nitrones: Metal Carbene versus Lewis Acid Directed Pathways. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5900-5903.	13.8	69
36	DNA Binding Ligands Targeting Drug-Resistant Bacteria: % Structure, Activity, and Pharmacology. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 3914-3929.	6.4	67

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37	Regioselectivity in Lewis acids catalyzed X-H (O, S, N) insertions of methyl styryldiazoacetate with benzyl alcohol, benzyl thiol, and aniline. <i>Tetrahedron Letters</i> , 2007, 48, 3975-3977.	1.4	65
38	Cooperative catalysis in highly enantioselective Mannich-type three-component reaction of a diazoacetophenone with an alcohol and an imine. <i>Chemical Communications</i> , 2011, 47, 797-799.	4.1	65
39	Recent Advances in the Use of Chiral Brønsted Acids as Cooperative Catalysts in Cascade and Multicomponent Reactions. <i>Asian Journal of Organic Chemistry</i> , 2013, 2, 824-836.	2.7	65
40	Enantiocontrolled Macrocyclic Formation by Catalytic Intramolecular Cyclopropanation. <i>Journal of the American Chemical Society</i> , 2000, 122, 5718-5728.	13.7	63
41	Rhodium-Catalyzed Chemo- and Regioselective Cross-Dimerization of Two Terminal Alkynes. <i>Organic Letters</i> , 2013, 15, 840-843.	4.6	63
42	Enantioselective three-component aminomethylation of α -diazo ketones with alcohols and 1,3,5-triazines. <i>Nature Communications</i> , 2020, 11, 1511.	12.8	62
43	Selectivity in Reactions of Allyl Diazoacetates as a Function of Catalyst and Ring Size from γ -Lactones to Macrocyclic Lactones. <i>Journal of Organic Chemistry</i> , 2000, 65, 8839-8847.	3.2	61
44	A New Approach to Macrocyclization via Alkene Formation in Catalytic Diazo Decomposition. Synthesis of Patulolides A and B. <i>Organic Letters</i> , 2000, 2, 1777-1779.	4.6	61
45	Divergent Outcomes of Carbene Transfer Reactions from Dirhodium- and Copper-Based Catalysts Separately or in Combination. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 11152-11155.	13.8	61
46	Ternary Catalysis Enabled Three-Component Asymmetric Allylic Alkylation as a Concise Track to Chiral α,β -Disubstituted Ketones. <i>Journal of the American Chemical Society</i> , 2021, 143, 20818-20827.	13.7	60
47	Highly Chemoselective 2,4,5-Triaryl-1,3-dioxolane Formation from Intermolecular 1,3-Dipolar Addition of Carbonyl Ylide with Aryl Aldehydes. <i>Organic Letters</i> , 2004, 6, 3071-3074.	4.6	57
48	A Novel Method for Synthesizing N -Alkoxycarbonyl Aryl α -Amino Esters and Their Applications in Enantioselective Transformations. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 301-307.	4.3	57
49	Total Synthesis of (S)-(+)-Imperanene. Effective Use of Regio- and Enantioselective Intramolecular Carbon-Hydrogen Insertion Reactions Catalyzed by Chiral Dirhodium(II) Carboxamides. <i>Journal of Organic Chemistry</i> , 2002, 67, 2954-2959.	3.2	56
50	Catalytic Asymmetric Four-Component Reaction for the Rapid Construction of 3,3-Disubstituted 3-Indol-3-ylloxindoles. <i>Organic Letters</i> , 2015, 17, 4336-4339.	4.6	56
51	Revisiting signal transducer and activator of transcription 3 (STAT3) as an anticancer target and its inhibitor discovery: Where are we and where should we go?. <i>European Journal of Medicinal Chemistry</i> , 2020, 187, 111922.	5.5	56
52	Highly Enantioselective Catalytic Synthesis of Functionalized Chiral Diazoacetates. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 6392-6395.	13.8	55
53	Pd(II)-catalyzed formal [4+1] cycloaddition reactions of diazoacetates and aryl propargyl alcohols to form 2,5-dihydrofurans. <i>Chemical Communications</i> , 2015, 51, 15204-15207.	4.1	55
54	Rh ₂ (OAc) ₄ -AgOTf Cooperative Catalysis in Cyclization/Three-Component Reactions for Concise Synthesis of 1,2-Dihydroisoquinolines. <i>Organic Letters</i> , 2010, 12, 652-655.	4.6	54

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55	Enantioselective Trapping of Oxonium Ylides by 3-Hydroxyisoindolinones via a Formal S_N1 Pathway for Construction of Contiguous Quaternary Stereocenters. <i>Organic Letters</i> , 2018, 20, 983-986.	4.6	54
56	Novel C–C bond formation through addition of ammonium ylides to arylaldehydes: a facile approach to β -aryl- β -hydroxy α -amino acid frameworks. <i>Chemical Communications</i> , 2004, , 2486-2487.	4.1	53
57	Highly Efficient Synthesis of Mixed 3,3-Bisindoles via Rh(II)-Catalyzed Three-Component Reaction of 3-Diazooxindoles with Indoles and Ethyl Glyoxylate. <i>Organic Letters</i> , 2013, 15, 3578-3581.	4.6	53
58	One-pot three-component tandem reaction of diazo compounds with anilines and unsaturated ketoesters: a novel synthesis of 2,3-dihydropyrrole derivatives. <i>Chemical Communications</i> , 2009, , 1362.	4.1	52
59	Enantioselective trapping of phosphoramidate ammonium ylides with imino esters for synthesis of 2,3-diaminosuccinic acid derivatives. <i>Chemical Communications</i> , 2013, 49, 4238.	4.1	52
60	Recent advances in metal carbenoid mediated nitrogen-containing zwitterionic intermediate trapping process. <i>Tetrahedron Letters</i> , 2014, 55, 777-783.	1.4	52
61	In Search of High Stereocontrol for the Construction of cis-Disubstituted Cyclopropane Compounds. Total Synthesis of a Cyclopropane-Configured Urea-PETT Analogue That Is a HIV-1 Reverse Transcriptase Inhibitor. <i>Organic Letters</i> , 2002, 4, 901-904.	4.6	51
62	A Facile Three-Component One-Pot Synthesis of Structurally Constrained Tetrahydrofurans That Are t-RNA Synthetase Inhibitor Analogues. <i>Journal of Organic Chemistry</i> , 2004, 69, 4856-4859.	3.2	50
63	Rhodium-Catalyzed, Three-Component Reaction of Diazo Compounds with Amines and Azodicarboxylates. <i>Advanced Synthesis and Catalysis</i> , 2005, 347, 531-534.	4.3	50
64	A novel STAT3 inhibitor W2014-S regresses human non-small cell lung cancer xenografts and sensitizes EGFR-TKI acquired resistance. <i>Theranostics</i> , 2021, 11, 824-840.	10.0	50
65	Iron Porphyrin-Catalyzed Three-Component Reaction of Ethyl Diazoacetate with Aliphatic Amines and β,β -Unsaturated α -Keto Esters. <i>Organic Letters</i> , 2013, 15, 6140-6143.	4.6	49
66	Vinylogous Reactivity of Enol Diazoacetates with Donor–Acceptor Substituted Hydrazones. Synthesis of Substituted Pyrazole Derivatives. <i>Journal of Organic Chemistry</i> , 2013, 78, 1583-1588.	3.2	46
67	A highly effective rhodium spirocyclic phosphinite catalyst for the asymmetric hydrogenation of enamides. <i>Tetrahedron Letters</i> , 1999, 40, 973-976.	1.4	45
68	A New Enantioselective Synthesis of Milnacipran and an Analogue by Catalytic Asymmetric Cyclopropanation. <i>Advanced Synthesis and Catalysis</i> , 2001, 343, 299-302.	4.3	44
69	Regio- and Diastereoselective Three-Component Reactions via Trapping of Ammonium Ylides with N -Alkylquinolinium Salts: Synthesis of Multisubstituted Tetra- and Dihydroquinoline Derivatives. <i>Organic Letters</i> , 2017, 19, 3783-3786.	4.6	44
70	Enantioselective Oxidative Multi-Functionalization of Terminal Alkynes with Nitrones and Alcohols for Expedient Assembly of Chiral α -Alkoxy- β -amino-ketones. <i>Journal of the American Chemical Society</i> , 2021, 143, 14703-14711.	13.7	44
71	Ruthenium(II)/Chiral Brønsted Acid Co-Catalyzed Enantioselective Four-Component Reaction/Cascade Aza-Michael Addition for Efficient Construction of 1,3,4-Tetrasubstituted Tetrahydroisoquinolines. <i>Chemistry - A European Journal</i> , 2014, 20, 1505-1509.	3.3	43
72	Double C–H Functionalization of Indoles via Three-Component Reactions/CuCl ₂ -Catalyzed Aerobic Dehydrogenative Coupling for the Synthesis of Polyfunctional Cyclopenta[<i>b</i>]indoles. <i>ACS Catalysis</i> , 2016, 6, 6146-6150.	11.2	43

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73	Enantioselective Synthesis of Fluoroalkyl-Substituted <i>syn</i> -Diamines by the Asymmetric <i>gem</i> -Difunctionalization of 2,2,2-Trifluorodiaoethane. ACS Catalysis, 2020, 10, 4559-4565.	11.2	43
74	Gold(I)-catalyzed intramolecular cyclization/intermolecular cycloaddition cascade as a fast track to polycarbocycles and mechanistic insights. Nature Communications, 2021, 12, 1182.	12.8	43
75	Asymmetric C-H Functionalization of Indoles via Enantioselective Protonation. Acta Chimica Sinica, 2012, 70, 2484.	1.4	43
76	Optimization of enantiocontrol in cis-selective cyclopropanation reactions catalyzed by dirhodium(ii) tetrakis[alkyl 2-oxaazetidine-4(S)-carboxylates]. Chemical Communications, 2000, , 867-868.	4.1	42
77	Divergent Synthesis of Multisubstituted Tetrahydrofurans and Pyrrolidines via Intramolecular Aldol-type Trapping of Onium Ylide Intermediates. Chemistry - A European Journal, 2015, 21, 19202-19207.	3.3	42
78	An enantioselective three-component reaction of diazoacetates with indoles and enals by iridium/iminium co-catalysis. Chemical Communications, 2016, 52, 2736-2739.	4.1	42
79	A Rh(II)-catalyzed multicomponent reaction by trapping an α -amino enol intermediate in a traditional two-component reaction pathway. Science Advances, 2017, 3, e1602467.	10.3	42
80	Rh(II)/Chiral Phosphoric Acid-Cocatalyzed Enantioselective Synthesis of Spirooxindole-Fused Thiaindanes. Organic Letters, 2018, 20, 4531-4535.	4.6	42
81	Copper(ii)-catalyzed highly diastereoselective three-component reactions of aryl diazoacetates with alcohols and chalcones: an easy access to furan derivatives. Chemical Communications, 2010, 46, 2865.	4.1	41
82	Highly Diastereoselective Multicomponent Cascade Reactions: Efficient Synthesis of Functionalized α -Indanols. Angewandte Chemie - International Edition, 2013, 52, 1539-1542.	13.8	41
83	Highly diastereoselective synthesis of 3-hydroxy-2,2,3-trisubstituted indolines via intramolecular trapping of ammonium ylides with ketones. Chemical Communications, 2014, 50, 951-953.	4.1	41
84	Structure-based design and synthesis of imidazo[1,2-a]pyridine derivatives as novel and potent Nek2 inhibitors with <i>in vitro</i> and <i>in vivo</i> antitumor activities. European Journal of Medicinal Chemistry, 2017, 126, 1083-1106.	5.5	41
85	Reactivity Enhancement for Chiral Dirhodium(II) Tetrakis(Carboxamides). Advanced Synthesis and Catalysis, 2001, 343, 112-117.	4.3	40
86	Selective Vinylogous Reactivity of Carbene Intermediate in Gold-Catalyzed Alkyne Carbocyclization: Synthesis of Indenols. ACS Catalysis, 2019, 9, 2440-2447.	11.2	40
87	Asymmetric Synthesis XXIV: Chiral Salen-Titanium Complexes-Efficient Catalysts for Asymmetric Trimethyl Silylcyanation of Benzaldehyde. Synlett, 1996, 1996, 337-338.	1.8	39
88	A highly enantioselective four-component reaction for the efficient construction of chiral β -hydroxy- α -amino acid derivatives. Chemical Communications, 2013, 49, 2700.	4.1	39
89	Enantioselective carbon-hydrogen insertion is an effective and efficient methodology for the synthesis of (r)-(-)-baclofen. Chirality, 2002, 14, 169-172.	2.6	38
90	The rhodium catalyzed three-component reaction of diazoacetates, titanium(iv) alkoxides and aldehydes. Chemical Communications, 2005, , 2624.	4.1	38

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91	Interception of benzyne with thioethers: a facile access to sulfur ylides under mild conditions. RSC Advances, 2014, 4, 7623-7626.	3.6	37
92	Divergent synthesis of chiral heterocycles via sequencing of enantioselective three-component reactions and one-pot subsequent cyclization reactions. Chemical Communications, 2015, 51, 10612-10615.	4.1	37
93	Catalyst-Free Halogenation of $\hat{\text{I}}\pm$ -Diazocarbonyl Compounds with N -Halosuccinimides: Synthesis of 3-Halooxindoles or Vinyl Halides. Organic Letters, 2016, 18, 3134-3137.	4.6	37
94	The First Kilogram Synthesis of Beclabuvir, an HCV NS5B Polymerase Inhibitor. Organic Process Research and Development, 2018, 22, 1393-1408.	2.7	37
95	Gold-Catalyzed Oxidative Cyclization/Aldol Addition of Homopropargyl Alcohols with Isatins. Organic Letters, 2019, 21, 369-372.	4.6	37
96	Catalyst-Free gem -Difunctionalization of Fluoroalkyl-Substituted Diazo Compound with Diselenide or Disulfide and NFSI. Organic Letters, 2019, 21, 2101-2105.	4.6	36
97	Catalytic Intramolecular Addition of Metal Carbenes to Remote Furans. Organic Letters, 1999, 1, 1327-1329.	4.6	35
98	The synthesis of baclofen and GABOB via Rh(II) catalyzed intramolecular C-H insertion of $\hat{\text{I}}\pm$ -diazoacetamides. Tetrahedron, 2005, 61, 1579-1586.	1.9	35
99	CuSO ₄ -catalyzed three-component reaction of $\hat{\text{I}}\pm$ -diazo ester, water and isatin: an efficient approach to oxindole derivatives. Green Chemistry, 2013, 15, 620.	9.0	35
100	Cu(I)-Catalyzed Three-Component Reaction of Diazo Compound with Terminal Alkyne and Nitrosobenzene for the Synthesis of Trifluoromethyl Dihydroisoxazoles. Organic Letters, 2018, 20, 4843-4847.	4.6	35
101	Asymmetric Multicomponent Reactions for Efficient Construction of Homopropargyl Amine Carboxylic Esters. Organic Letters, 2019, 21, 5737-5741.	4.6	35
102	Discovery of Novel Isothiazole, 1,2,3-Thiadiazole, and Thiazole-Based Cinnamamides as Fungicidal Candidates. Journal of Agricultural and Food Chemistry, 2019, 67, 12357-12365.	5.2	35
103	Influences of Catalyst Configuration and Catalyst Loading on Selectivities in Reactions of Diazoacetamides. Barrier to Equilibrium between Diastereomeric Conformations. Organic Letters, 2003, 5, 407-410.	4.6	34
104	Rh(II)/Br ₂ -Activated Acid Cocatalyzed Intramolecular Trapping of Ammonium Ylides with Enones: Diastereoselective Synthesis of 2,2,3-Trisubstituted Indolines. Journal of Organic Chemistry, 2014, 79, 8440-8446.	3.2	34
105	Radical Cascade Multicomponent Minisci Reactions with Diazo Compounds. ACS Catalysis, 2022, 12, 1357-1363.	11.2	34
106	Reactivities and selectivities in macrocyclic addition reactions with diazoacetates using copper(I) and rhodium(II) catalysts. Tetrahedron Letters, 2000, 41, 6265-6269.	1.4	33
107	Macrocyclic Formation from Catalytic Metal Carbene Transformations. Synlett, 2001, 2001, 1364-1370.	1.8	33
108	Efficient synthesis of oxazoles by dirhodium(II)-catalyzed reactions of styryl diazoacetate with oximes. Chemical Communications, 2012, 48, 11522.	4.1	33

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109	Recent Advances in Asymmetric Metal-Catalyzed Carbene Transfer from Diazo Compounds Toward Molecular Complexity. <i>Advances in Organometallic Chemistry</i> , 2016, 66, 33-91.	1.0	33
110	Enantioselective Synthesis of $\hat{1}\pm$ -Mercapto- $\hat{1}^2$ -amino Esters via Rh(II)/Chiral Phosphoric Acid-Cocatalyzed Three-Component Reaction of Diazo Compounds, Thiols, and Imines. <i>Organic Letters</i> , 2016, 18, 6086-6089.	4.6	33
111	Asymmetric Allylation by Chiral Organocatalystâ€Promoted Formal Heteroâ€Ene Reactions of Alkylgold Intermediates. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 1992-1999.	13.8	33
112	Highly Enantioselective Trapping of Carboxylic Oxonium Ylides with Imines for Direct Assembly of Enantioenriched $\hat{1}^3$ -Butenolides. <i>CCS Chemistry</i> , 2020, 2, 432-439.	7.8	32
113	Dual Catalysis in Highly Enantioselective Multicomponent Reaction with Water: An Efficient Approach to Chiral $\hat{1}^2$ -Amino- $\hat{1}\pm$ -Hydroxy Acid Derivatives. <i>ChemCatChem</i> , 2011, 3, 653-656.	3.7	31
114	Enantioselectivity for catalytic cyclopropanation with diazomalones. <i>Arkivoc</i> , 2003, 2003, 15-22.	0.5	31
115	Stereoselective Synthesis of Bicyclic Pyrrolidines by a Rhodium-Catalyzed Cascade Process. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 6713-6716.	13.8	30
116	Stereoselective Synthesis of a Sulfated Tetrasaccharide Corresponding to a Rare Sequence in the Galactofuran Isolated from <i>Sargassum polycystum</i> . <i>Journal of Organic Chemistry</i> , 2014, 79, 4718-4726.	3.2	29
117	Enantioselective formal carbene insertion into Câ€N bond of amina as a concise track to chiral $\hat{1}\pm$ -amino- $\hat{1}^2,2$ -amino acids and synthetic applications. <i>Green Synthesis and Catalysis</i> , 2021, 2, 337-344.	6.8	29
118	Highly Diastereoselective Synthesis of Fully Substituted Tetrahydrofurans by a Oneâ€Pot Cascade Reaction of Aryldiazoacetates with Allyl Alcohols. <i>Chemistry - A European Journal</i> , 2009, 15, 12604-12607.	3.3	28
119	A DFT calculation-inspired Rh($\langle\text{scf}\rangle$)-catalyzed reaction via suppression of $\hat{1}\pm$ -H shift in $\hat{1}\pm$ -alkyldiazoacetates. <i>Chemical Science</i> , 2017, 8, 4312-4317.	7.4	28
120	Synthesis of spiro[2,3-dihydrofuran-3,3â€oxindole] derivatives <i>via</i> a multi-component cascade reaction of $\hat{1}\pm$ -diazo esters, water, isatins and malononitrile/ethyl cyanoacetate. <i>Green Chemistry</i> , 2019, 21, 4936-4940.	9.0	28
121	Metal-Dependent Umpolung Reactivity of Carbenes Derived from Cyclopropenes. <i>IScience</i> , 2019, 14, 292-300.	4.1	28
122	Functionalization of DNA-Tagged Alkenes with Diazo Compounds via Photocatalysis. <i>Organic Letters</i> , 2022, 24, 2208-2213.	4.6	28
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