Wen-Hao Hu

List of Publications by Year
in descending order

297 papers	10,783 citations	31902 53 h-index	54797 84 g-index
403 all docs	403 docs citations	403 times ranked	5670 citing authors

#	Article	IF	Citations
1	Novel Multicomponent Reactions via Trapping of Protic Onium Ylides with Electrophiles. Accounts of Chemical Research, 2013, 46, 2427-2440.	7.6	552
2	Cooperative Catalysis with Chiral BrÃ¸nsted Acid-Rh₂(OAc)₄: Highly Enantioselective Three-Component Reactions of Diazo Compounds with Alcohols and Imines. Journal of the American Chemical Society, 2008, 130, 7782-7783.	6.6	349
3	Highly enantioselective trapping of zwitterionic intermediates by imines. Nature Chemistry, 2012, 4, 733-738.	6.6	274
4	Diastereoselectively Switchable Enantioselective Trapping of Carbamate Ammonium Ylides with Imines. Journal of the American Chemical Society, 2011, 133, 8428-8431.	6.6	215
5	Novel Spiro Phosphinite Ligands and Their Application in Homogeneous Catalytic Hydrogenation Reactions. Journal of the American Chemical Society, 1997, 119, 9570-9571.	6.6	205
6	Epoxides and Aziridines from Diazoacetates via Ylide Intermediates. Organic Letters, 2001, 3, 933-935.	2.4	162
7	Highly Effective Soluble Polymer-Supported Catalysts for Asymmetric Hydrogenation. Journal of the American Chemical Society, 1999, 121, 7407-7408.	6.6	156
8	Enantioselective Palladium(II) Phosphate Catalyzed Threeâ€Component Reactions of Pyrrole, Diazoesters, and Imines. Angewandte Chemie - International Edition, 2013, 52, 13356-13360.	7.2	152
9	Catalytic Asymmetric Functionalization of Aromatic Cï£¿H Bonds by Electrophilic Trapping of Metalâ€Carbeneâ€Induced Zwitterionic Intermediates. Angewandte Chemie - International Edition, 2014, 53, 13098-13101.	7.2	146
10	Dirhodium(II) Tetrakis[methyl 2-oxaazetidine-4-carboxylate]:â€‰ A Chiral Dirhodium(II) Carboxamidate of Exceptional Reactivity and Selectivity. Organic Letters, 2000, 2, 1145-1147.	2.4	142
11	Cooperative Catalysis in Multicomponent Reactions: Highly Enantioselective Synthesis of Î³â€Hydroxyketones with a Quaternary Carbon Stereocenter. Angewandte Chemie - International Edition, 2010, 49, 2190-2192.	7.2	127
12	Highly Selective Catalyst-Directed Pathways to Dihydropyrroles from Vinyldiazoacetates and Imines. Journal of the American Chemical Society, 2003, 125, 4692-4693.	6.6	126
13	DNA binding ligands targeting drug-resistant Gram-positive bacteria. Part 1: Internal benzimidazole derivatives. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 1253-1257.	1.0	119
14	Asymmetric Multicomponent Reactions Based on Trapping of Active Intermediates. Chemical Record, 2017, 17, 739-753.	2.9	118
15	Asymmetric Counter-Anion-Directed Aminomethylation: Synthesis of Chiral Î²-Amino Acids via Trapping of an Enol Intermediate. Journal of the American Chemical Society, 2019, 141, 1473-1478.	6.6	116
16	Three-Component Reaction of Aryl Diazoacetates, Alcohols, and Aldehydes (or Imines):â€‰ Evidence of Alcoholic Oxonium Ylide Intermediates. Organic Letters, 2005, 7, 83-86.	2.4	108
17	A New Class of Chiral Lewis Acid Catalysts for Highly Enantioselective Hetero-Diels-Alder Reactions:Â Exceptionally High Turnover Numbers from Dirhodium(II) Carboxamidates. Journal of the American Chemical Society, 2001, 123, 5366-5367.	6.6	104
18	Efficient Trapping of Oxonium Ylides with Imines: A Highly Diastereoselective Three-Component Reaction for the Synthesis of Î²-Amino-Î±-hydroxyesters with Quaternary Stereocenters. Angewandte Chemie - International Edition, 2007, 46, 1337-1339.	7.2	104

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19	Design, Synthesis, and Structureâ€“Activity Relationship Studies of Novel Fused Heterocycles-Linked Triazoles with Good Activity and Water Solubility. Journal of Medicinal Chemistry, 2014, 57, 3687-3706.	2.9	100
20	A Novel Three-Component Reaction Catalyzed by Dirhodium(II) Acetate:â€‰ Decomposition of Phenyldiazoacetate with Arylamine and Imine for Highly Diastereoselective Synthesis of 1,2-Diamines. Organic Letters, 2003, 5, 3923-3926.	2.4	94
21	Selectivity control in enantioselective four-component reactions of aryl diazoacetates with alcohols, aldehydes and amines: an efficient approach to synthesizing chiral Î²-amino-Î±-hydroxyesters. Chemical Communications, 2008, , 6564.	2.2	93
22	An Ylide Transformation of Rhodium(I) Carbene: Enantioselective Threeâ€Component Reaction through Trapping of Rhodium(I)â€Associated Ammonium Ylides by Î²â€Nitroacrylates. Angewandte Chemie - International Edition, 2014, 53, 13136-13139.	7.2	90
23	Bicyclic Pyrazolidinone Derivatives from Diastereoselective Catalytic [3 + 3]-Cycloaddition Reactions of Enoldiazoacetates with Azomethine Imines. Organic Letters, 2013, 15, 1564-1567.	2.4	88
24	Bond cleavage, fragment modification and reassembly in enantioselective three-component reactions. Nature Communications, 2015, 6, 5801.	5.8	86
25	Enantioselective Oxidative Cyclization/Mannich Addition Enabled by Gold(I)/Chiral Phosphoric Acid Cooperative Catalysis. Angewandte Chemie - International Edition, 2018, 57, 17200-17204.	7.2	86
26	Targeting NEK2 attenuates glioblastoma growth and radioresistance by destabilizing histone methyltransferase EZH2. Journal of Clinical Investigation, 2017, 127, 3075-3089.	3.9	86
27	Catalytic Enantioselective Trapping of an Alcoholic Oxonium Ylide with Aldehydes: Rh^{II}/Zr^{IV}â€Coâ€Catalyzed Threeâ€Component Reactions of Aryl Diazoacetates, Benzyl Alcohol, and Aldehydes. Angewandte Chemie - International Edition, 2008, 47, 6647-6649.	7.2	83
28	A Strategy to Synthesize Taxol Side Chain and (â^')-epi Cytoxazone via Chiral BrÃ¸nsted Acid-Rh₂(OAc)₄ Co-catalyzed Enantioselective Three-Component Reactions. Journal of Organic Chemistry, 2010, 75, 7483-7486.	1.7	82
29	Facile Synthesis of 3-Aryloxindoles via BrÃ¸nsted Acid Catalyzed Friedelâ€“Crafts Alkylation of Electron-Rich Arenes with 3-Diazooxindoles. Organic Letters, 2014, 16, 2934-2937.	2.4	80
30	Protein Arginine Methyltransferase 5 (PRMT5) as an Anticancer Target and Its Inhibitor Discovery. Journal of Medicinal Chemistry, 2018, 61, 9429-9441.	2.9	75
31	Salen-Ti(OR)4 complex catalysed trimethylsilylcyanation of aldehydes. Tetrahedron, 1997, 53, 14327-14338.	1.0	74
32	Highly Stereoselective Syntheses of Five- and Seven-Membered Ring Heterocycles from Ylides Generated by Catalytic Reactions of Styryldiazoacetates with Aldehydes and Imines. Organic Letters, 2001, 3, 3741-3744.	2.4	74
33	Trapping of Oxonium Ylide with Isatins:â€‰ Efficient and Stereoselective Construction of Adjacent Quaternary Carbon Centers. Organic Letters, 2007, 9, 4721-4723.	2.4	72
34	Diversityâ€Oriented Threeâ€Component Reactions of Diazo Compounds with Anilines and 4â€Oxoâ€Enoates. Angewandte Chemie - International Edition, 2013, 52, 9289-9292.	7.2	71
35	Rhodium(II)â€and Copper(II)â€Catalyzed Reactions of Enol Diazoacetates with Nitrones: Metal Carbene versus Lewis Acid Directed Pathways. Angewandte Chemie - International Edition, 2012, 51, 5900-5903.	7.2	69
36	DNA Binding Ligands Targeting Drug-Resistant Bacteria:â€‰ Structure, Activity, and Pharmacology. Journal of Medicinal Chemistry, 2003, 46, 3914-3929.	2.9	67

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37	Regioselectivity in Lewis acids catalyzed Xâ€“H (O, S, N) insertions of methyl styryldiazoacetate with benzyl alcohol, benzyl thiol, and aniline. Tetrahedron Letters, 2007, 48, 3975-3977.	0.7	65
38	Cooperative catalysis in highly enantioselective Mannich-type three-component reaction of a diazoacetophenone with an alcohol and an imine. Chemical Communications, 2011, 47, 797-799.	2.2	65
39	Recent Advances in the Use of Chiral BrÃ¸nsted Acids as Cooperative Catalysts in Cascade and Multicomponent Reactions. Asian Journal of Organic Chemistry, 2013, 2, 824-836.	1.3	65
40	Enantiocontrolled Macrocycle Formation by Catalytic Intramolecular Cyclopropanation. Journal of the American Chemical Society, 2000, 122, 5718-5728.	6.6	63
41	Rhodium-Catalyzed Chemo- and Regioselective Cross-Dimerization of Two Terminal Alkynes. Organic Letters, 2013, 15, 840-843.	2.4	63
42	Enantioselective three-component aminomethylation of Î±-diazo ketones with alcohols and 1,3,5-triazines. Nature Communications, 2020, 11, 1511.	5.8	62
43	Selectivity in Reactions of Allyl Diazoacetates as a Function of Catalyst and Ring Size from Î³-Lactones to Macrocyclic Lactones. Journal of Organic Chemistry, 2000, 65, 8839-8847.	1.7	61
44	A New Approach to Macrocyclization via Alkene Formation in Catalytic Diazo Decomposition. Synthesis of Patulolides A and B. Organic Letters, 2000, 2, 1777-1779.	2.4	61
45	Divergent Outcomes of Carbene Transfer Reactions from Dirhodiumâ€•and Copperâ€Based Catalysts Separately or in Combination. Angewandte Chemie - International Edition, 2011, 50, 11152-11155.	7.2	61
46	Ternary Catalysis Enabled Three-Component Asymmetric Allylic Alkylation as a Concise Track to Chiral Î±,Î±-Disubstituted Ketones. Journal of the American Chemical Society, 2021, 143, 20818-20827.	6.6	60
47	Highly Chemoselective 2,4,5-Triaryl-1,3-dioxolane Formation from Intermolecular 1,3-Dipolar Addition of Carbonyl Ylide with Aryl Aldehydes. Organic Letters, 2004, 6, 3071-3074.	2.4	57
48	A Novel Method for Synthesizing Nâ€Alkoxycarbonyl Aryl Î±â€Imino Esters and Their Applications in Enantioselective Transformations. Advanced Synthesis and Catalysis, 2012, 354, 301-307.	2.1	57
49	Total Synthesis of (S)-(+)-Imperanene. Effective Use of Regio- and Enantioselective Intramolecular Carbonâ^'Hydrogen Insertion Reactions Catalyzed by Chiral Dirhodium(II) Carboxamidates. Journal of Organic Chemistry, 2002, 67, 2954-2959.	1.7	56
50	Catalytic Asymmetric Four-Component Reaction for the Rapid Construction of 3,3-Disubstituted 3-Indol-3â€²-yloxindoles. Organic Letters, 2015, 17, 4336-4339.	2.4	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?. European Journal of Medicinal Chemistry, 2020, 187, 111922.	2.6	56
52	Highly Enantioselective Catalytic Synthesis of Functionalized Chiral Diazoacetoacetates. Angewandte Chemie - International Edition, 2011, 50, 6392-6395.	7.2	55
53	Pd(ii)-catalyzed formal [4+1] cycloaddition reactions of diazoacetates and aryl propargyl alcohols to form 2,5-dihydrofurans. Chemical Communications, 2015, 51, 15204-15207.	2.2	55
54	Rh₂(OAc)₄-AgOTf Cooperative Catalysis in Cyclization/Three-Component Reactions for Concise Synthesis of 1,2-Dihydroisoquinolines. Organic Letters, 2010, 12, 652-655.	2.4	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. Organic Letters, 2018, 20, 983-986.	2.4	54
56	Novel Câ€“C bond formation through addition of ammonium ylides to arylaldehydes: a facile approach to Î²-aryl-Î²-hydroxy Î±-amino acid frameworks. Chemical Communications, 2004, , 2486-2487.	2.2	53
57	Highly Efficient Synthesis of Mixed 3,3â€²-Bisindoles via Rh(II)-Catalyzed Three-Component Reaction of 3-Diazooxindoles with Indoles and Ethyl Glyoxylate. Organic Letters, 2013, 15, 3578-3581.	2.4	53
58	One-pot three-component tandem reaction of diazo compounds with anilines and unsaturated ketoesters: a novel synthesis of 2,3-dihydropyrrole derivatives. Chemical Communications, 2009, , 1362.	2.2	52
59	Enantioselective trapping of phosphoramidate ammonium ylides with imino esters for synthesis of 2,3-diaminosuccinic acid derivatives. Chemical Communications, 2013, 49, 4238.	2.2	52
60	Recent advances in metal carbenoid mediated nitrogen-containing zwitterionic intermediate trapping process. Tetrahedron Letters, 2014, 55, 777-783.	0.7	52
61	In Search of High Stereocontrol for the Construction ofcis-Disubstituted Cyclopropane Compounds. Total Synthesis of a Cyclopropane-Configured Urea-PETT Analogue That Is a HIV-1 Reverse Transcriptase Inhibitor. Organic Letters, 2002, 4, 901-904.	2.4	51
62	A Facile Three-Component One-Pot Synthesis of Structurally Constrained Tetrahydrofurans That Are t-RNA Synthetase Inhibitor Analogues. Journal of Organic Chemistry, 2004, 69, 4856-4859.	1.7	50
63	Rhodium-Catalyzed, Three-Component Reaction of Diazo Compounds with Amines and Azodicarboxylates. Advanced Synthesis and Catalysis, 2005, 347, 531-534.	2.1	50
64	A novel STAT3 inhibitor W2014-S regresses human non-small cell lung cancer xenografts and sensitizes EGFR-TKI acquired resistance. Theranostics, 2021, 11, 824-840.	4.6	50
65	Iron Porphyrin-Catalyzed Three-Component Reaction of Ethyl Diazoacetate with Aliphatic Amines and Î²,Î³-Unsaturated Î±-Keto Esters. Organic Letters, 2013, 15, 6140-6143.	2.4	49
66	Vinylogous Reactivity of Enol Diazoacetates with Donorâ€“Acceptor Substituted Hydrazones. Synthesis of Substituted Pyrazole Derivatives. Journal of Organic Chemistry, 2013, 78, 1583-1588.	1.7	46
67	A highly effective rhodium spirocyclic phosphinite catalyst for the asymmetric hydrogenation of enamides. Tetrahedron Letters, 1999, 40, 973-976.	0.7	45
68	A New Enantioselective Synthesis of Milnacipran and an Analogue by Catalytic Asymmetric Cyclopropanation. Advanced Synthesis and Catalysis, 2001, 343, 299-302.	2.1	44
69	Regio- and Diastereoselective Three-Component Reactions via Trapping of Ammonium Ylides with N-Alkylquinolinium Salts: Synthesis of Multisubstituted Tetra- and Dihydroquinoline Derivatives. Organic Letters, 2017, 19, 3783-3786.	2.4	44
70	Enantioselective Oxidative Multi-Functionalization of Terminal Alkynes with Nitrones and Alcohols for Expeditious Assembly of Chiral Î±-Alkoxy-Î²-amino-ketones. Journal of the American Chemical Society, 2021, 143, 14703-14711.	6.6	44
71	Ruthenium(II)/Chiral BrÃ¸nsted Acid Coâ€Catalyzed Enantioselective Fourâ€Component Reaction/Cascade Azaâ€Michael Addition for Efficient Construction of 1,3,4â€Tetrasubstituted Tetrahydroisoquinolines. Chemistry - A European Journal, 2014, 20, 1505-1509.	1.7	43
72	Double Câ€“H Functionalization of Indoles via Three-Component Reactions/CuCl₂-Catalyzed Aerobic Dehydrogenative Coupling for the Synthesis of Polyfunctional Cyclopenta[b]indoles. ACS Catalysis, 2016, 6, 6146-6150.	5.5	43

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73	Enantioselective Synthesis of Fluoroalkyl-Substituted syn-Diamines by the Asymmetric gem-Difunctionalization of 2,2,2-Trifluorodiazoethane. ACS Catalysis, 2020, 10, 4559-4565.	5.5	43
74	Gold(I)-catalyzed intramolecular cyclization/intermolecular cycloaddition cascade as a fast track to polycarbocycles and mechanistic insights. Nature Communications, 2021, 12, 1182.	5.8	43
75	Asymmetric Câ€”H Functionalization of Indoles via Enantioselective Protonation. Acta Chimica Sinica, 2012, 70, 2484.	0.5	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.	2.2	42
77	Divergent Synthesis of Multisubstituted Tetrahydrofurans and Pyrrolidines via Intramolecular Aldolâ€type Trapping of Onium Ylide Intermediates. Chemistry - A European Journal, 2015, 21, 19202-19207.	1.7	42
78	An enantioselective three-component reaction of diazoacetates with indoles and enals by iridium/iminium co-catalysis. Chemical Communications, 2016, 52, 2736-2739.	2.2	42
79	A Rh(II)-catalyzed multicomponent reaction by trapping an Î±-amino enol intermediate in a traditional two-component reaction pathway. Science Advances, 2017, 3, e1602467.	4.7	42
80	Rh(II)/Chiral Phosphoric Acid-Cocatalyzed Enantioselective Synthesis of Spirooxindole-Fused Thiaindans. Organic Letters, 2018, 20, 4531-4535.	2.4	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.	2.2	41
82	Highly Diastereoselective Multicomponent Cascade Reactions: Efficient Synthesis of Functionalized 1â€Indanols. Angewandte Chemie - International Edition, 2013, 52, 1539-1542.	7.2	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.	2.2	41
84	Structure-based design and synthesis of imidazo[1,2-a]pyridine derivatives as novel and potent Nek2 inhibitors with inÂvitro and inÂvivo antitumor activities. European Journal of Medicinal Chemistry, 2017, 126, 1083-1106.	2.6	41
85	Reactivity Enhancement for Chiral Dirhodium(II) Tetrakis(Carboxamidates). Advanced Synthesis and Catalysis, 2001, 343, 112-117.	2.1	40
86	Selective Vinylogous Reactivity of Carbene Intermediate in Gold-Catalyzed Alkyne Carbocyclization: Synthesis of Indenols. ACS Catalysis, 2019, 9, 2440-2447.	5.5	40
87	Asymmetric Synthesis XXIV: Chiral Salen-Titanium Complexes-Efficient Catalysts for Asymmetric Trimethyl Silylcyanation of Benzaldehyde. Synlett, 1996, 1996, 337-338.	1.0	39
88	A highly enantioselective four-component reaction for the efficient construction of chiral Î²-hydroxy-Î±-amino acid derivatives. Chemical Communications, 2013, 49, 2700.	2.2	39
89	Enantioselective carbon–hydrogen insertion is an effective and efficient methodology for the synthesis of (r)-(-)-baclofen. Chirality, 2002, 14, 169-172.	1.3	38
90	The rhodium catalyzed three-component reaction of diazoacetates, titanium(iv) alkoxides and aldehydes. Chemical Communications, 2005, , 2624.	2.2	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.	1.7	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.	2.2	37
93	Catalyst-Free Halogenation of Î±-Diazocarbonyl Compounds with N-Halosuccinimides: Synthesis of 3-Halooxindoles or Vinyl Halides. Organic Letters, 2016, 18, 3134-3137.	2.4	37
94	The First Kilogram Synthesis of Beclabuvir, an HCV NS5B Polymerase Inhibitor. Organic Process Research and Development, 2018, 22, 1393-1408.	1.3	37
95	Gold-Catalyzed Oxidative Cyclization/Aldol Addition of Homopropargyl Alcohols with Isatins. Organic Letters, 2019, 21, 369-372.	2.4	37
96	Catalyst-Free gem-Difunctionalization of Fluoroalkyl-Substituted Diazo Compound with Diselenide or Disulfide and NFSI. Organic Letters, 2019, 21, 2101-2105.	2.4	36
97	Catalytic Intramolecular Addition of Metal Carbenes to Remote Furans. Organic Letters, 1999, 1, 1327-1329.	2.4	35
98	The synthesis of baclofen and GABOB via Rh(II) catalyzed intramolecular Câ€“H insertion of Î±-diazoacetamides. Tetrahedron, 2005, 61, 1579-1586.	1.0	35
99	CuSO4-catalyzed three-component reaction of Î±-diazo ester, water and isatin: an efficient approach to oxindole derivatives. Green Chemistry, 2013, 15, 620.	4.6	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.	2.4	35
101	Asymmetric Multicomponent Reactions for Efficient Construction of Homopropargyl Amine Carboxylic Esters. Organic Letters, 2019, 21, 5737-5741.	2.4	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.	2.4	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.	2.4	34
104	Rh(II)/BrÃ¸nsted 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.	1.7	34
105	Radical Cascade Multicomponent Minisci Reactions with Diazo Compounds. ACS Catalysis, 2022, 12, 1357-1363.	5.5	34
106	Reactivities and selectivities in macrocyclic addition reactions with diazoacetates using copper(I) and rhodium(II) catalysts. Tetrahedron Letters, 2000, 41, 6265-6269.	0.7	33
107	Macrocycle Formation from Catalytic Metal Carbene Transformations. Synlett, 2001, 2001, 1364-1370.	1.0	33
108	Efficient synthesis of oxazoles by dirhodium(ii)-catalyzed reactions of styryl diazoacetate with oximes. Chemical Communications, 2012, 48, 11522.	2.2	33

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109	Recent Advances in Asymmetric Metal-Catalyzed Carbene Transfer from Diazo Compounds Toward Molecular Complexity. Advances in Organometallic Chemistry, 2016, 66, 33-91.	0.5	33
110	Enantioselective Synthesis of Î±-Mercapto-Î²-amino Esters via Rh(II)/Chiral Phosphoric Acid-Cocatalyzed Three-Component Reaction of Diazo Compounds, Thiols, and Imines. Organic Letters, 2016, 18, 6086-6089.	2.4	33
111	Asymmetric Allylation by Chiral Organocatalystâ€Promoted Formal Heteroâ€Ene Reactions of Alkylgold Intermediates. Angewandte Chemie - International Edition, 2021, 60, 1992-1999.	7.2	33
112	Highly Enantioselective Trapping of Carboxylic Oxonium Ylides with Imines for Direct Assembly of Enantioenriched Î³-Butenolides. CCS Chemistry, 2020, 2, 432-439.	4.6	32
113	Dual Catalysis in Highly Enantioselective Multicomponent Reaction with Water: An Efficient Approach to Chiral Î²â€Aminoâ€Îºâ€Hydroxy Acid Derivatives. ChemCatChem, 2011, 3, 653-656.	1.8	31
114	Enantioselectivity for catalytic cyclopropanation with diazomalonates. Arkivoc, 2003, 2003, 15-22.	0.3	31
115	Stereoselective Synthesis of Bicyclic Pyrrolidines by a Rhodium-Catalyzed Cascade Process. Angewandte Chemie - International Edition, 2004, 43, 6713-6716.	7.2	30
116	Stereoselective Synthesis of a Sulfated Tetrasaccharide Corresponding to a Rare Sequence in the Galactofucan Isolated from Sargassum polycystum. Journal of Organic Chemistry, 2014, 79, 4718-4726.	1.7	29
117	Enantioselective formal carbene insertion into Câ€“N bond of aminal as a concise track to chiral Îº-amino-Î²2,2-amino acids and synthetic applications. Green Synthesis and Catalysis, 2021, 2, 337-344.	3.7	29
118	Highly Diastereoselective Synthesis of Fully Substituted Tetrahydrofurans by a Oneâ€Pot Cascade Reaction of Aryldiazoacetates with Allyl Alcohols. Chemistry - A European Journal, 2009, 15, 12604-12607.	1.7	28
119	A DFT calculation-inspired Rh(<scp>i</scp>)-catalyzed reaction via suppression of Îº-H shift in Îº-alkyldiazoacetates. Chemical Science, 2017, 8, 4312-4317.	3.7	28
120	Synthesis of spiro[2,3-dihydrofuran-3,3â€²-oxindole] derivatives via a multi-component cascade reaction of Îº-diazo esters, water, isatins and malononitrile/ethyl cyanoacetate. Green Chemistry, 2019, 21, 4936-4940.	4.6	28
121	Metal-Dependent Umpolung Reactivity of Carbenes Derived from Cyclopropenes. IScience, 2019, 14, 292-300.	1.9	28
122	Functionalization of DNA-Tagged Alkenes with Diazo Compounds via Photocatalysis. Organic Letters, 2022, 24, 2208-2213.	2.4	28
123	Synthesis of (â^')-(4R,5R)-4,5-bis[di-3â€²-(2â€²,6â€²-dimethoxypyridyl)phosphinomethyl]-2,2-dimethyl-1,3-dioxolane and its application in the Rh-catalyzed asymmetric hydrogenation reactions. Tetrahedron: Asymmetry, 1998, 9, 4183-4192.	1.8	27
124	DNA Binding Ligands with Improved in Vitro and in Vivo Potency against Drug-ResistantStaphylococcus aureus. Journal of Medicinal Chemistry, 2004, 47, 4352-4355.	2.9	27
125	Dirhodium catalyzed intramolecular enantioselective Câ€“H insertion reaction of N-cumyl-N-(2-p-anisylethyl)diazoacetamide: synthesis of (â^')-Rolipram. Tetrahedron: Asymmetry, 2005, 16, 1693-1698.	1.8	27
126	Component match in rhodium catalyzed three-component reactions of ethyl diazoacetate, H2O and aryl imines: a highly diastereoselective one-step synthesis of Î²-aryl isoserine derivatives. Organic and Biomolecular Chemistry, 2009, 7, 5028.	1.5	27

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127	Green chemistry approaches to the regioselective synthesis of spiro heterobicyclic rings using iodine as a new and efficient catalyst under solvent-free conditions. Molecular Diversity, 2011, 15, 257-261.	2.1	27
128	Rhodium(ii) catalyzed diastereoselective reactions of diazoacetamides with isatins: an efficient approach to 3-hydroxy-3,3â€²-bioxindoles. Organic and Biomolecular Chemistry, 2012, 10, 8808.	1.5	27
129	A highly diastereoselective three-component tandem 1,4-conjugated additionâ€“cyclization reaction to multisubstituted pyrrolidines. Organic and Biomolecular Chemistry, 2012, 10, 2133.	1.5	27
130	Efficient synthesis of chiral cyclic acetals by metal and BrÃ¸nsted acid co-catalyzed enantioselective four-component cascade reactions. Chemical Communications, 2014, 50, 2196-2198.	2.2	27
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