AndrÃ© B Charette

List of Publications by Year
in descending order

187	13,826	17429 63	24961 109
papers	citations	h-index	g-index

219	219	219	8088
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Stereoselective Cyclopropanation Reactions. Chemical Reviews, 2003, 103, 977-1050.	23.0	1,638
2	Synthesis of Pyridine and Dihydropyridine Derivatives by Regio- and Stereoselective Addition to N-Activated Pyridines. Chemical Reviews, 2012, 112, 2642-2713.	23.0	770
3	Structure and Reactivity of â€œUnusualâ€•N-Heterocyclic Carbene (NHC) Palladium Complexes Synthesized from Imidazolium Salts. Journal of the American Chemical Society, 2004, 126, 5046-5047.	6.6	363
4	Direct Functionalization Processes: A Journey from Palladium to Copper to Iron to Nickel to Metal-Free Coupling Reactions. Accounts of Chemical Research, 2013, 46, 412-424.	7.6	278
5	Catalytic Asymmetric Hydrogenation ofN-Iminopyridinium Ylides:Â Expedient Approach to Enantioenriched Substituted Piperidine Derivatives. Journal of the American Chemical Society, 2005, 127, 8966-8967.	6.6	275
6	Chemoselective synthesis of ketones and ketimines by addition of organometallic reagents to secondary amides. Nature Chemistry, 2012, 4, 228-234.	6.6	228
7	Experimental Evidence for the All-Up Reactive Conformation of Chiral Rhodium(II) Carboxylate Catalysts: Enantioselective Synthesis of cis-Cyclopropane Î±-Amino Acids. Journal of the American Chemical Society, 2009, 131, 16383-16385.	6.6	223
8	Design of Amphoteric Bifunctional Ligands: Application to the Enantioselective Simmons-Smith Cyclopropanation of Allylic Alcohols. Journal of the American Chemical Society, 1994, 116, 2651-2652.	6.6	207
9	Cycloadditions of Aromatic Azomethine Imines with 1,1-Cyclopropane Diesters. Organic Letters, 2008, 10, 689-692.	2.4	204
10	Enantioselective Cyclopropanation of Allylic Alcohols with Dioxaborolane Ligands:Â Scope and Synthetic Applications. Journal of the American Chemical Society, 1998, 120, 11943-11952.	6.6	203
11	Palladium-Catalyzed Direct Câ^'H Arylation of N-Iminopyridinium Ylides:â€‰ Application to the Synthesis of (Â±)-Anabasine. Journal of the American Chemical Society, 2008, 130, 52-54.	6.6	191
12	Doubly Activated Cyclopropanes as Synthetic Precursors for the Preparation of 4-Nitro- and 4-Cyano-dihydropyrroles and Pyrroles. Organic Letters, 2005, 7, 2313-2316.	2.4	186
13	Expedient Synthesis of Cyclopropane Î±-Amino Acids by the Catalytic Asymmetric Cyclopropanation of Alkenes Using Iodonium Ylides Derived from Methyl Nitroacetate. Journal of the American Chemical Society, 2005, 127, 18014-18015.	6.6	165
14	Asymmetric, Catalytic Synthesis of Î±-Chiral Amines Using a Novel Bis(phosphine) Monoxide Chiral Ligand. Journal of the American Chemical Society, 2003, 125, 14260-14261.	6.6	162
15	Practical and Highly Regio- and Stereoselective Synthesis of 2-Substituted Dihydropyridines and Piperidines:Â Application to the Synthesis of (â^')-Coniine. Journal of the American Chemical Society, 2001, 123, 11829-11830.	6.6	161
16	A Mild Procedure for the Lewis Acid-Catalyzed Ring-Opening of Activated Cyclopropanes with Amine Nucleophiles. Organic Letters, 2008, 10, 2809-2812.	2.4	161
17	Catalytic Enantioselective Reduction of Î²,Î²-Disubstituted Vinyl Phenyl Sulfones by Using Bisphosphine Monoxide Ligands. Angewandte Chemie - International Edition, 2007, 46, 5955-5957.	7.2	149
18	Asymmetric Rh(II)-Catalyzed Cyclopropanation of Alkenes with Diacceptor Diazo Compounds: p-Methoxyphenyl Ketone as a General Stereoselectivity Controlling Group. Journal of the American Chemical Society, 2011, 133, 8972-8981.	6.6	148

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19	Catalytic Asymmetric Cyclopropanation of Allylic Alcohols with Titanium-TADDOLate:Â Scope of the Cyclopropanation Reaction. Journal of the American Chemical Society, 2001, 123, 12168-12175.	6.6	146
20	Copperâ€Catalyzed Direct Alkenylation of Nâ€Iminopyridinium Ylides. Angewandte Chemie - International Edition, 2010, 49, 1115-1118.	7.2	146
21	Stereoselective Rh₂(S-IBAZ)₄-Catalyzed Cyclopropanation of Alkenes, Alkynes, and Allenes: Asymmetric Synthesis of Diacceptor Cyclopropylphosphonates and Alkylidenecyclopropanes. Journal of the American Chemical Society, 2013, 135, 1463-1470.	6.6	142
22	Spectroscopic studies of the electrophilic activation of amides with triflic anhydride and pyridine. Canadian Journal of Chemistry, 2001, 79, 1694-1703.	0.6	140
23	Improved Procedure for the Synthesis of Enantiomerically Enriched Cyclopropylmethanol Derivatives. Journal of Organic Chemistry, 1995, 60, 1081-1083.	1.7	125
24	Palladium-Catalyzed Benzylic Câ^'H Insertion of 2-Substituted N-Iminopyridinium Ylides. Organic Letters, 2008, 10, 1641-1643.	2.4	111
25	General Method for the Synthesis of Phenyliodonium Ylides from Malonate Esters: Easy Access to 1,1-Cyclopropane Diesters. Journal of Organic Chemistry, 2009, 74, 470-473.	1.7	109
26	Transition Metal-Catalyzed Cyclopropanation of Alkenes in Water:â€‰ Catalyst Efficiency and in Situ Generation of the Diazo Reagent. Organic Letters, 2002, 4, 4531-4533.	2.4	108
27	Catalytic Enantioselective Addition of Dialkylzinc toN-Diphenylphosphinoylimines. A Practical Synthesis of Î±-Chiral Amines. Journal of the American Chemical Society, 2003, 125, 1692-1693.	6.6	102
28	TfNH₂ as Achiral Hydrogen-Bond Donor Additive to Enhance the Selectivity of a Transition Metal Catalyzed Reaction. Highly Enantio- and Diastereoselective Rhodium-Catalyzed Cyclopropanation of Alkenes Using Î±-Cyano Diazoacetamide. Journal of the American Chemical Society, 2009, 131, 6970-6972.	6.6	102
29	The Asymmetric Cyclopropanation of Acyclic Allylic Alcohols: Efficient Stereocontrol with Iodomethylzinc Reagents. Synlett, 1995, 1995, 1197-1207.	1.0	101
30	Iodomethylzinc Phosphates:â€‰ Powerful Reagents for the Cyclopropanation of Alkenes. Journal of the American Chemical Society, 2005, 127, 12440-12441.	6.6	101
31	Diastereoselective Cyclopropanation of Chiral Allylic Alcohols: A More Efficient Reagent for the Relative Stereocontrol. Journal of Organic Chemistry, 1995, 60, 2966-2967.	1.7	100
32	Asymmetric Catalysis Special Feature Part I: Catalytic asymmetric addition of diorganozinc reagents to N-phosphinoylalkylimines. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 5405-5410.	3.3	99
33	Recent Progress Toward the Synthesis of Trifluoromethylâ€and Difluoromethylâ€Substituted Cyclopropanes. Chemistry - A European Journal, 2017, 23, 4950-4961.	1.7	99
34	Enantioselective Total Synthesis of (+)-U-106305. Journal of the American Chemical Society, 1996, 118, 10327-10328.	6.6	98
35	A new strategy for the Lewis acid-catalyzed cyclopropanation of allylic alcohols.. Journal of the American Chemical Society, 1995, 117, 11367-11368.	6.6	97
36	Synthesis of 2-Substituted Pyrazolo[1,5-a]pyridines through Cascade Direct Alkenylation/Cyclization Reactions. Organic Letters, 2010, 12, 516-519.	2.4	95

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37	Diastereoselective Borocyclopropanation of Allylic Ethers Using a Boromethylzinc Carbenoid. Journal of the American Chemical Society, 2017, 139, 1364-1367.	6.6	93
38	Carbohydrates as chiral auxiliaries: asymmetric cyclopropanation reaction of acyclic olefins. Journal of the American Chemical Society, 1991, 113, 8166-8167.	6.6	92
39	Synthesis of 2- and 2,3-Substituted Pyrazolo[1,5-a]pyridines: Scope and Mechanistic Considerations of a Domino Direct Alkynylation and Cyclization of N-Iminopyridinium Ylides Using Alkenyl Bromides, Alkenyl Iodides, and Alkynes. Journal of Organic Chemistry, 2011, 76, 8243-8261.	1.7	90
40	Palladium-Catalyzed Suzuki-Type Cross-Couplings of Iodocyclopropanes with Boronic Acids:Â Synthesis oftrans-1,2-Dicyclopropyl Alkenes. Journal of Organic Chemistry, 1996, 61, 8718-8719.	1.7	89
41	Nucleophilic Addition to 3-Substituted Pyridinium Salts:â€‰ Expedient Syntheses of (â^')-L-733,061 and (â^')-CP-99,994. Organic Letters, 2004, 6, 3517-3520.	2.4	89
42	Probing the Importance of the Hemilabile Site of Bis(phosphine) Monoxide Ligands in the Copper-Catalyzed Addition of Diethylzinc toN-Phosphinoylimines: Discovery of New Effective Chiral Ligands. Journal of Organic Chemistry, 2008, 73, 6330-6340.	1.7	89
43	Mild Method for the Synthesis of Thiazolines from Secondary and Tertiary Amides. Journal of Organic Chemistry, 1998, 63, 908-909.	1.7	88
44	Total Synthesis of (+)-Lepadin B: Stereoselective Synthesis of Nonracemic Polysubstituted Hydroquinolines Using an RC-ROM Process. Journal of the American Chemical Society, 2008, 130, 13873-13875.	6.6	84
45	Silver-Promoted, Palladium-Catalyzed Direct Arylation of Cyclopropanes: Facile Access to Spiro 3,3â€²-Cyclopropyl Oxindoles. Organic Letters, 2013, 15, 1350-1353.	2.4	84
46	Câ€“H Functionalization of Cyclopropanes: A Practical Approach Employing a Picolinamide Auxiliary. Organic Letters, 2013, 15, 4394-4397.	2.4	83
47	transâ€Directing Ability of Amide Groups in Cyclopropanation: Application to the Asymmetric Cyclopropanation of Alkenes with Diazo Reagents Bearing Two Carboxy Groups. Angewandte Chemie - International Edition, 2008, 47, 10155-10158.	7.2	82
48	Spectroscopic Characterization of (Iodomethyl)zinc Reagents Involved in Stereoselective Reactions:Â Spectroscopic Evidence That IZnCH2I Is Not Zn(CH2I)2+ ZnI2in the Presence of an Ether. Journal of the American Chemical Society, 1996, 118, 4539-4549.	6.6	80
49	Hypervalent Iodine(III) Reagents as Safe Alternatives to Î±-Nitro-Î±-diazocarbonyls. Organic Letters, 2003, 5, 2327-2329.	2.4	80
50	Stereoselective Synthesis of All Four Isomers of Coronamic Acid: A General Approach to 3-Methanoamino Acids. Journal of the American Chemical Society, 1995, 117, 12721-12732.	6.6	79
51	The chemistry of cyclic vinyl ethers. 6. Total synthesis of polyether ionophore antibiotics of the calcimycin (A-23187) class. Journal of the American Chemical Society, 1991, 113, 5337-5353.	6.6	78
52	Palladium-Catalyzed Synthesis of Functionalized Tetraarylphosphonium Salts. Journal of Organic Chemistry, 2008, 73, 590-593.	1.7	77
53	New Family of Cyclopropanating Reagents: Synthesis, Reactivity, and Stability Studies of Iodomethylzinc Phenoxides. Angewandte Chemie - International Edition, 2000, 39, 4539-4542.	7.2	76
54	Triflic Anhydride Mediated Synthesis of Imidazo[1,5-a]azines. Organic Letters, 2013, 15, 2290-2293.	2.4	75

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55	Complexation Promoted Additions toN-Benzoyliminopyridinium Ylides. A Novel and Highly Regioselective Approach to Polysubstituted Piperidines. Journal of the American Chemical Society, 2003, 125, 6360-6361.	6.6	74
56	trans-Directing Ability of the Amide Group: Enabling the Enantiocontrol in the Synthesis of 1,1-Dicarboxy Cyclopropanes. Reaction Development, Scope, and Synthetic Applications. Journal of Organic Chemistry, 2009, 74, 8939-8955.	1.7	74
57	Highly Enantioselective Simmonsâ€“Smith Fluorocyclopropanation of Allylic Alcohols via the Halogen Scrambling Strategy of Zinc Carbenoids. Journal of the American Chemical Society, 2013, 135, 7819-7822.	6.6	74
58	Diastereo- and Enantioselective Synthesis of 1,2,3-Substituted Cyclopropanes with Zinc Carbenoids. Angewandte Chemie International Edition in English, 1997, 36, 1090-1092.	4.4	73
59	In Situ Generation of Zinc Carbenoids from Diazo Compounds and Zinc Salts: Asymmetric Synthesis of 1,2,3-Substituted Cyclopropanes. Journal of the American Chemical Society, 2009, 131, 15633-15635.	6.6	73
60	Nickelâ€Catalyzed Synthesis of Phosphonium Salts from Aryl Halides and Triphenylphosphine. Advanced Synthesis and Catalysis, 2008, 350, 2967-2974.	2.1	71
61	One-Pot Synthesis of 3,4,5-Trisubstituted 1,2,4-Triazoles via the Addition of Hydrazides to Activated Secondary Amides. Organic Letters, 2015, 17, 1184-1187.	2.4	71
62	Application of the Chiral Bis(phosphine) Monoxide Ligand to Catalytic Enantioselective Addition of Dialkylzinc Reagents to Î²-Nitroalkenes. Organic Letters, 2007, 9, 85-87.	2.4	69
63	Synthesis of Enantiopure Substituted Piperidines via an Aziridinium Ring Expansion. Organic Letters, 2011, 13, 3830-3833.	2.4	69
64	Design and Synthesis of Chiral Heteroleptic Rhodium(II) Carboxylate Catalysts: Experimental Investigation of Halogen Bond Rigidification Effects in Asymmetric Cyclopropanation. ACS Catalysis, 2012, 2, 1221-1225.	5.5	66
65	Preparation, Solid-State Structure, and Synthetic Applications of Isolable and Storable Haloalkylzinc Reagents. Journal of the American Chemical Society, 2000, 122, 4508-4509.	6.6	65
66	Synthesis of -Nitro--diazocarbonyl Derivatives and Their Applications in the Cyclopropanation of Alkenes and in Oï£¿H Insertion Reactions. Helvetica Chimica Acta, 2002, 85, 4468-4484.	1.0	65
67	Stereoselective Synthesis of 2,6-Disubstituted 3-Piperidinols:â€‰ Application to the Expedient Synthesis of (+)-Julifloridine. Organic Letters, 2005, 7, 2747-2750.	2.4	65
68	An expedient approach to E,Z-dienes using the Julia olefination. Tetrahedron Letters, 2001, 42, 5149-5153.	0.7	64
69	Electrophilic Activation of Lactams with Tf2O and Pyridine:â€‰ Expedient Synthesis of (Â±)-Tetraponerine T4. Organic Letters, 2005, 7, 5401-5404.	2.4	64
70	Intramolecular Simmonsâ€™Smith Cyclopropanation. Studies into the Reactivity of Alkyl-Substituted Zinc Carbenoids, Effect of Directing Groups and Synthesis of Bicyclo[n.1.0]alkanes. Journal of the American Chemical Society, 2010, 132, 1895-1902.	6.6	64
71	Enantioselective Synthesis of 1,2,3-Trisubstituted Cyclopropanes Using gem-Dizinc Reagents. Journal of the American Chemical Society, 2009, 131, 15624-15626.	6.6	63
72	Acyloxymethylzinc Reagents:Â Preparation, Reactivity, and Solid-State Structure of This Novel Class of Cyclopropanating Reagents. Journal of the American Chemical Society, 2001, 123, 8139-8140.	6.6	62

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73	Mild Method for the Conversion of Amides to Thioamides. Journal of Organic Chemistry, 2003, 68, 5792-5794.	1.7	61
74	Diastereoselective Zinco-Cyclopropanation of Chiral Allylic Alcohols withgem-Dizinc Carbenoids. Journal of the American Chemical Society, 2005, 127, 13140-13141.	6.6	60
75	Convenient One-Pot Synthesis of (E)-Î²-Aryl Vinyl Halides from Benzyl Bromides and Dihalomethanes. Organic Letters, 2008, 10, 5485-5488.	2.4	59
76	Catalytic Enantioselective Synthesis of Highly Functionalized Difluoromethylated Cyclopropanes. Angewandte Chemie - International Edition, 2017, 56, 13319-13323.	7.2	58
77	A New Mild Method for the Cleavage of the Amide Bond: Conversion of Secondary and Tertiary Amides to Esters. Synlett, 1998, 1998, 163-165.	1.0	57
78	Synthesis of a Triphenylphosphine Reagent on Non-Cross-Linked Polystyrene Support:â€‰ Application to the Staudinger/Aza-Wittig Reaction. Organic Letters, 2000, 2, 3777-3779.	2.4	56
79	Stability, Reactivity, Solution, and Solid-State Structure of Halomethylzinc Alkoxides. Journal of the American Chemical Society, 2001, 123, 12160-12167.	6.6	56
80	Preparation of a Storable Zinc Carbenoid Species and Its Application in Cyclopropanation, Chain Extension, and [2,3]-Sigmatropic Rearrangement Reactions. Journal of Organic Chemistry, 2010, 75, 1244-1250.	1.7	56
81	First Evidence for the Formation of a Geminal Dizinc Carbenoid:â€‰ A Highly Stereoselective Synthesis of 1,2,3-Substituted Cyclopropanes. Journal of the American Chemical Society, 2002, 124, 386-387.	6.6	55
82	Asymmetric cyclopropanation of allylic ethers: cleavage and regeneration of the chiral auxiliary. Journal of Organic Chemistry, 1993, 58, 933-936.	1.7	54
83	Intramolecular Pyridine Activationâ€“Dearomatization Reaction: Highly Stereoselective Synthesis of Polysubstituted Indolizidines and Quinolizidines. Organic Letters, 2009, 11, 3398-3401.	2.4	54
84	Improved Zinc-Catalyzed Simmonsâ€“Smith Reaction: Access to Various 1,2,3-Trisubstituted Cyclopropanes. Organic Letters, 2014, 16, 1490-1493.	2.4	54
85	Evidence for the Structure of the Enantioactive Ligand in the Phosphine-Copper-Catalyzed Addition of Diorganozinc Reagents to Imines. Angewandte Chemie - International Edition, 2004, 43, 6525-6528.	7.2	53
86	Catalytic Enantioselective Addition of Diorganozinc Reagents to Vinyl Sulfones. Organic Letters, 2008, 10, 2315-2318.	2.4	53
87	Mild method for the synthesis of amidines by the electrophilic activation of amides. Tetrahedron Letters, 2000, 41, 1677-1680.	0.7	52
88	Umpolung Direct Arylation Reactions: Facile Process Requiring Only Catalytic Palladium and Substoichiometric Amount of Silver Salts. Journal of the American Chemical Society, 2010, 132, 14412-14414.	6.6	52
89	Difluorocarbene Addition to Alkenes and Alkynes in Continuous Flow. Organic Letters, 2016, 18, 1988-1991.	2.4	52
90	Asymmetric Synthesis of Fluoro, Fluoromethyl, Difluoromethyl, and Trifluoromethylcyclopropanes. Accounts of Chemical Research, 2021, 54, 2969-2990.	7.6	52

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91	X-ray Crystal Structure of a Zinc Carbenoid Cyclopropanating Reagent:â€‰ The IZnCH2IÂ·18-crown-6 and Benzo-18-crown-6 Complexes. Journal of the American Chemical Society, 1996, 118, 6792-6793.	6.6	50
92	Diphenylsilane as a coupling reagent for amide bond formation. Green Chemistry, 2017, 19, 5060-5064.	4.6	50
93	Enantioselective synthesis of Î²-amino alcohols and Î±-amino acids via a copper catalyzed addition of diorganozinc reagents to N-phosphinoylimines. Tetrahedron, 2005, 61, 6186-6192.	1.0	48
94	Mitsunobu Reaction Using Triphenylphosphine Linked to Non-Cross-Linked Polystyrene. Journal of Organic Chemistry, 2001, 66, 2178-2180.	1.7	46
95	Tetraarylphosphonium Salts as Solubility-Control Groups: Phosphonium-Supported Triphenylphosphine and Azodicarboxylate Reagents. Angewandte Chemie - International Edition, 2006, 45, 1415-1420.	7.2	46
96	Rapid Access to 3-Aminoindazoles from Tertiary Amides. Organic Letters, 2015, 17, 3386-3389.	2.4	45
97	Borocyclopropanation of Styrenes Mediated by UVâ€‰light Under Continuous Flow Conditions. Angewandte Chemie - International Edition, 2018, 57, 13514-13518.	7.2	45
98	Asymmetric catalytic addition of diorganozinc reagents to imines: Scope and application. Pure and Applied Chemistry, 2005, 77, 1259-1267.	0.9	44
99	Synthesis and Applications of Fluorocyclopropanes. Synthesis, 2016, 48, 4060-4071.	1.2	43
100	Defying Ring Strain: New Approaches to Cyclopropanes. Angewandte Chemie - International Edition, 2010, 49, 486-488.	7.2	42
101	Tetraarylphosphonium Salts as Soluble Supports for the Synthesis of Small Molecules. Angewandte Chemie - International Edition, 2007, 46, 5011-5014.	7.2	41
102	General Catalytic Enantioselective Access to Monohalomethyl and Trifluoromethyl Cyclopropanes. Chemistry - A European Journal, 2018, 24, 10339-10343.	1.7	41
103	Highly Enantioselective Synthesis of 1,2,3â€‰Substituted Cyclopropanes by Using Î±â€‰Iodoâ€‰and Î±â€‰Chloromethylzinc Carbenoids. Chemistry - A European Journal, 2012, 18, 14784-14791.	1.7	40
104	Synthesis of Fluoroâ€‰, Monofluoromethylâ€‰, Difluoromethylâ€‰, and Trifluoromethylâ€‰Substituted Threeâ€‰Membered Rings. Chemistry - A European Journal, 2021, 27, 2935-2962.	1.7	40
105	Enantioâ€‰and Diastereoselective Iodocyclopropanation of Allylic Alcohols by Using a Substituted Zinc Carbenoid. Chemistry - A European Journal, 2009, 15, 11829-11832.	1.7	39
106	Synthesis of Enantioenriched Allenes from 1,1-Cyclopropanediesters. Organic Letters, 2010, 12, 564-567.	2.4	39
107	Stereoselective Syntheses of <scp>l</scp>-Pipecolic Acid and (2S,3S)-3-Hydroxypipecolic Acid from a Chiral N-Imino-2-phenyl-1,2-dihydropyridine Intermediate. Journal of Organic Chemistry, 2010, 75, 2077-2080.	1.7	39
108	9â€‰Silafluorenyl Dichlorides as Chemically Ligating Coupling Agents and Their Application in Peptide Synthesis. Angewandte Chemie - International Edition, 2016, 55, 13833-13837.	7.2	39

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109	Bis(oxazoline)Â·copper(I)-catalyzed enantioselective cyclopropanation of cinnamate esters with diazomethane. Tetrahedron: Asymmetry, 2003, 14, 867-872.	1.8	38
110	Safe and Facile Access to Nonstabilized Diazoalkanes Using Continuous Flow Technology. Angewandte Chemie - International Edition, 2018, 57, 5777-5782.	7.2	37
111	Diastereoselective Synthesis of 1,2,3-Substituted Potassium Cyclopropyl Trifluoroborates via an Unusual Zinc-Boron Exchange. Synlett, 2005, 2005, 1779-1782.	1.0	36
112	Use of achiral additives to increase the stereoselectivity in Rh(ii)-catalyzed cyclopropanations. Chemical Communications, 2010, 46, 910.	2.2	36
113	Access to Cyclopropyl-Fused Azacycles via a Palladium-Catalyzed Direct Alkenylation Strategy. Organic Letters, 2016, 18, 6046-6049.	2.4	36
114	Removal, Recovery, and Recycling of Triarylphosphonium-Supported Tin Reagents for Various Organic Transformations. Organic Letters, 2007, 9, 3591-3594.	2.4	35
115	[4+2] Cycloaddition of 2-Substituted 1,2-Dihydropyridines with Nitrosobenzene:Â Asymmetric Synthesis oftrans-2-Substituted 3-Amino-1,2,3,6-tetrahydropyridines. Journal of Organic Chemistry, 2005, 70, 2368-2371.	1.7	34
116	Stereoselective Synthesis of 2,3,6-Trisubstituted Tetrahydropyridines via Tf₂O-Mediated Grob Fragmentation: Access to Indolizidines (â^')-209I and (â^')-223J. Journal of Organic Chemistry, 2010, 75, 7465-7467.	1.7	34
117	Palladium-catalyzed ring-opening of cyclopropyl benzamides: synthesis of benzo[c]azepine-1-ones via C(sp3)â€“H functionalization. Tetrahedron, 2013, 69, 4479-4487.	1.0	34
118	Rhodium-Catalyzed Cyclopropanation of Fluorinated Olefins: A Straightforward Route to Highly Functionalized Fluorocyclopropanes. Organic Letters, 2015, 17, 1790-1793.	2.4	34
119	Continuous Flow Synthesis and Purification of Aryldiazomethanes through Hydrazone Fragmentation. Angewandte Chemie - International Edition, 2017, 56, 837-841.	7.2	33
120	General Câ€“H Arylation Strategy for the Synthesis of Tunable Visible Light-Emitting Benzo[a]imidazo[2,1,5-c,d]indolizine Fluorophores. Journal of Organic Chemistry, 2017, 82, 5046-5067.	1.7	32
121	The use of Î±-d-glucopyranosides as surrogates for the Î²-l-glucopyranosides in the stereoselective cyclopropanation reaction. Tetrahedron Letters, 1994, 35, 513-516.	0.7	31
122	Catalytic asymmetric synthesis of nitrocyclopropane carboxylates. Tetrahedron, 2012, 68, 3487-3496.	1.0	31
123	Noyoriâ€“Ikariya catalyst supported on tetra-arylphosphonium salt for asymmetric transfer hydrogenation in water. Green Chemistry, 2015, 17, 3255-3259.	4.6	31
124	The use of 1,2-trans-cyclohexanediol as an efficient chiral auxiliary for the asymmetric cyclopropanation of allylic ethers. Tetrahedron Letters, 1993, 34, 7157-7160.	0.7	29
125	Highly Efficient Two-Step Synthesis of C-sp3-Centered Geminal Diiodides. Organic Letters, 2004, 6, 4731-4734.	2.4	29
126	Catalytic Enantioselective Cyclopropanation of Î±-Fluoroacrylates: An Experimental and Theoretical Study. ACS Catalysis, 2019, 9, 2594-2598.	5.5	29

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127	Cyclopropanation of Protected Chiral, Acyclic Allylic Alcohols:â€‰ Expedient Access to the anti-Cyclopropylcarbinol Derivatives. Organic Letters, 2002, 4, 3351-3353.	2.4	28
128	Mechanismâ€Driven Elaboration of an Enantioselective Bromocyclopropanation Reaction of Allylic Alcohols. Angewandte Chemie - International Edition, 2015, 54, 14108-14112.	7.2	28
129	Cyclopropanation Reactions of Semi-stabilized and Non-stabilized Diazo Compounds. Synthesis, 2019, 51, 3947-3963.	1.2	28
130	Enantioselective Synthesis of Spiropentanes from Hydroxymethylallenes. Organic Letters, 2001, 3, 3293-3295.	2.4	27
131	Improved Procedure for the Synthesis of gem-Diiodoalkanes by the Alkylation of Diiodomethane. Scope and Limitations. Journal of Organic Chemistry, 2008, 73, 8097-8100.	1.7	27
132	Silver Ion-Induced Grob Fragmentation of Î³-Amino Iodides: Highly Stereoselective Synthesis of Polysubstituted Piperidines. Organic Letters, 2008, 10, 5497-5499.	2.4	27
133	Tetraarylphosphonium Salts as Soluble Supports for Oxidative Catalysts and Reagents. Journal of Organic Chemistry, 2009, 74, 8510-8515.	1.7	27
134	Directed functionalization of 1,2-dihydropyridines: stereoselective synthesis of 2,6-disubstituted piperidines. Chemical Communications, 2014, 50, 6883-6885.	2.2	27
135	Diastereoselective Fluorocyclopropanation of Chiral Allylic Alcohols Using an Î±-Fluoroiodomethylzinc Carbenoid. Organic Letters, 2015, 17, 4288-4291.	2.4	27
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